

L\B R

volume 2 . 2022 . EN

architectural collection

**light
thinking**

**design is so simple,
that's why it's
so complicated**

Paul Rand

index by family



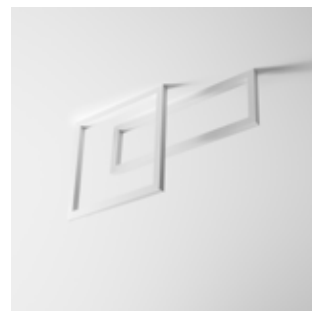
22 . auro



30 . bold



34 . dota / dota system



46 . fraam



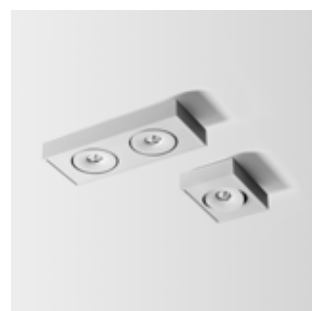
58 . geit / geit evo



68 . hedion pro



80 . iner



86 . lava



92 . microsystem



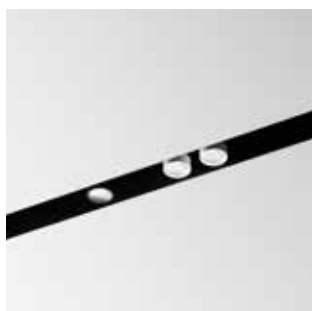
106 . mono



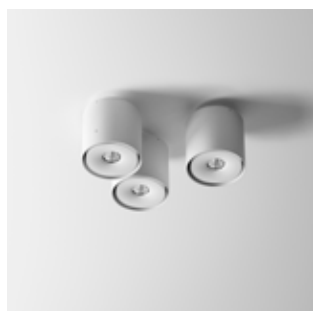
118 . multisystem



134 . multiva evo



144 . neutra system



150 . nex



154 . opta grid / disk



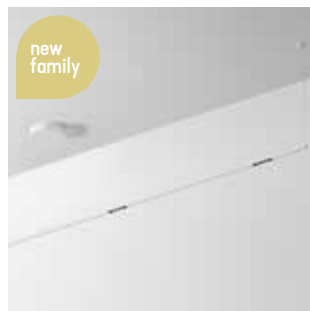
166 . panton



174 . pixel



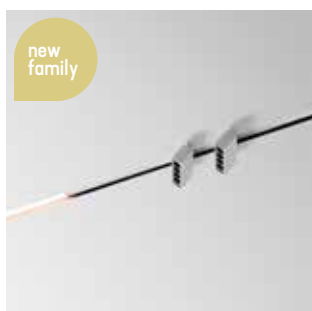
178 . proxa



182 . pura



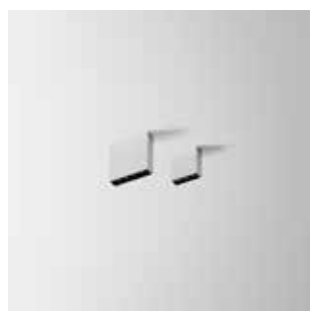
188 . ray / ray evo



200 . ray evo system



226 . robotic



230 . shift



240 . solid



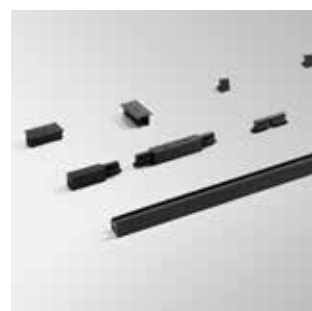
252 . stik



266 . stinger



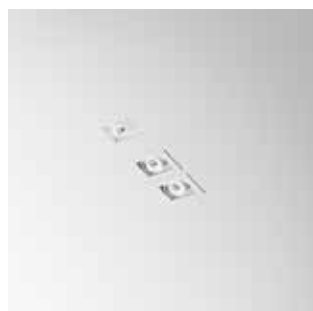
272 . texo



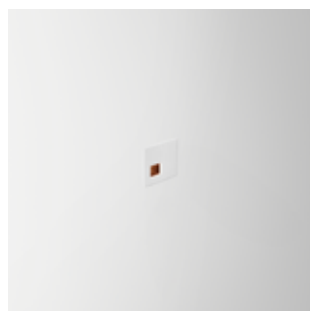
284 . track 1F / 3F



292 . tubular



296 . tweet



304 . walk'y



308 . wave

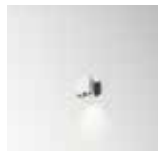


314 . yon 46

1 — wall mounted



ray
188



shift BS
230



stik wall
252

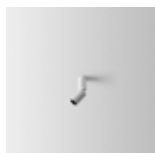


wave
308

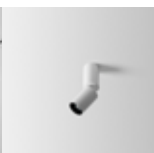


yon 46
314

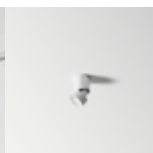
2 — spotlights



geit evo
58



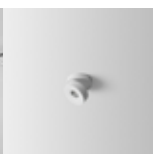
geit mini
58



geit flat
58



mono move
106



robotic
226



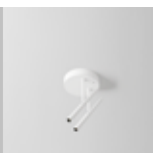
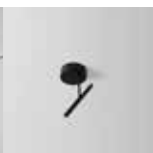
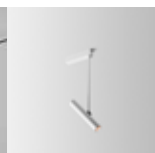
shift
230



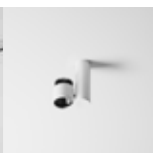
shift
230



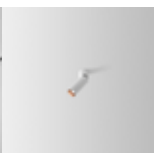
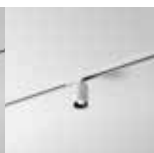
stik
252



stinger
266



texo
272



3 — ceiling mounted



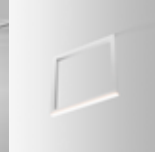
auro
22



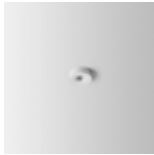
dota
34



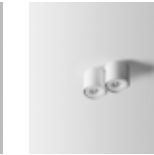
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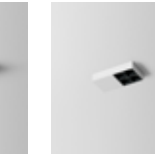
lava
86



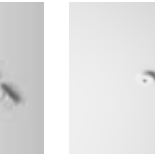
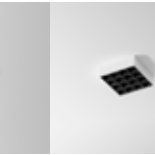
mono
106



nex
150



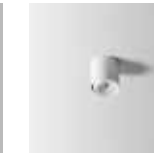
opta
154



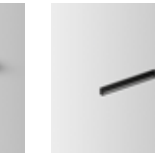
panton
166



pixel
174



proxia
178



ray evo set
188



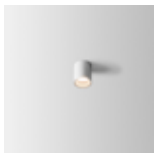
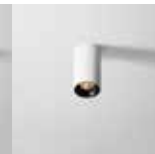
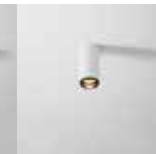
shift
230



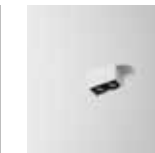
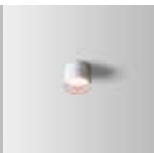
solid
240



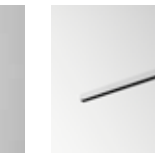
texo
272



tubular
292



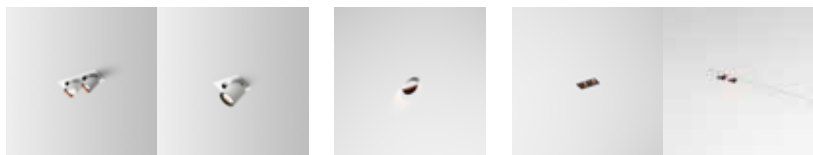
tweet
296



yon 46
314



4 — recessed



auro
22

bold
30

dota
34



hedion pro
68

iner
80

lava
86

mono
106



multiva evo
134

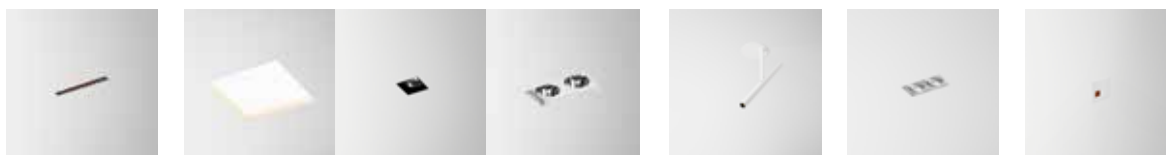
opta
154

panton
166



ray — ray evo set
188

shift
230



shift
230

solid
240

stik
252

tweet
296

walky
304

5 — suspended



dota
34



opta
154



proxima
178



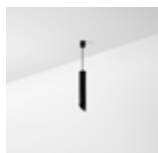
pura
182



ray — ray evo set
188



stik
252



texo
272



wave
308



wave
314

6 — systems



dota system
34



microsystem
92



multisystem
118



neutra system
144



ray evo system
200



track 1F / 3F
284



foto: Krzysztof Zgola

that's us,

eager to know us?

By bringing you light every day, we believe that conscious and creative solutions are essential steps to improving the quality of our lives.

We are helped by our idea of **light thinking** which combines the awareness of using appropriate solutions and materials that are good both for ourselves and the environment we live in with committing ourselves to the highest quality standards through the precise workmanship of every item.

We are a Polish family company, open to people, ideas and creative solutions. We believe that good relationships are the foundation of growth, plenty of success and good energy. As a manufacturer, we are responsible for how we interact with our environment, how we shape it, and whether we approach it with respecting its rules and values.

By designing and manufacturing fixtures in Poland for over a decade, we have been pursuing an important principle of our production — being local.



foto: k. barzycki

light thinking

We care

you should too

The use of basic environmentally sustainable solutions is today a requirement of the times, a matter of course. We demand more of ourselves. Therefore, we consciously select materials and components for manufacturing fixtures so that they can meet the condition of the circular economy, using aluminium, steel, glass and non-woven fabric derived from recycled PET bottles. We introduced cardboard shipping tubes that are not only recyclable but also upcyclable. We use energy-efficient LEDs that boast a life span of up to 20 years.

The local nature of our manufacturing is extremely important to us, which is why we have been designing and manufacturing in-house since 2010. In order to limit our impact on the environment, we ensure low-emission solutions for our machinery as well as the miniaturization of fixtures for the benefit of raw material resources. We still have a lot to do but we are confident that we are on the right track. Your choice matters!

we do it well,

because we like it



Light Thinking means the precision of craftsmanship and the awareness of working with a product and light.

We can only achieve this thanks to the synergy between all the departments in our company. Everyday relationships drive us together and show us different perspectives so that the product we give you meets all your requirements. This is why we've been designing and ma-

nufacturing our fixtures in-house since the company's inception, gradually expanding our capabilities. Starting from design in 3D environment through prototyping using printing in plastics, going through the processes of cutting, milling or powder coating — we control the key points of the whole process to make sure in the end that we deliver the quality we have promised to you.



98

5

no compromise

and no problems

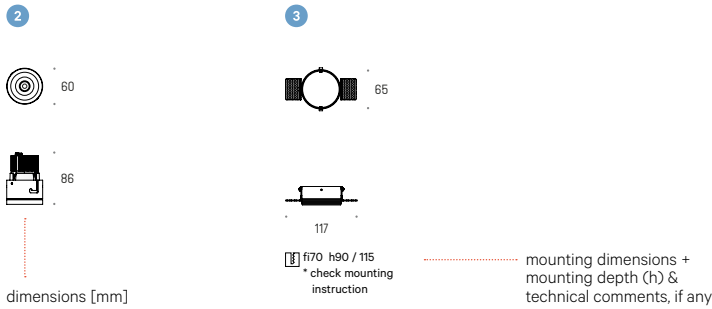
CRI98 - We believe that the quality of our product, among other things, is the quality of light, which is why we are still looking for perfect sources of light. We use most efficient CREE CoB High Fidelity CRI98 2-step diodes (R9 95) so that you can feel it.

5-YEAR WARRANTY

We believe in what we do, in the fact, that we do it well and as best as we can. That is why we want you to be sure of our products, it's quality and because of that we give you guarantee on our LED products for 5 years.

how to construct a catalog number / standards

Model		On-Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 17°	Medium 34°	Wide 56°
							.02	.03	.99	.927	.930	.940	.S	.M	.W
Hedion Pro															
2 60 LED	1x 11W 800lm	4.3262	4.3263	4.3264	4.3265		•	•	•	•	•	•	•	•	•
3 60 Mounting ring	[required]					4.3266	•	•	•						
Model name (power + light flux)		Version of driver / dimming type			optional or required accessory		Body color			Color temp. + CRI			Optic		
60 LED 1x 11W 800lm		4.3262					.02			.930			.M		
		4.3262.02.930.M		Hedion Pro 60 LED 1x 11W 800lm, driver On-Off, Body black, CR198 temp. 3000°K, Optic Medium 34°											
		4.3266		[required] Mounting ring											



Warranty

5 years (60 months) for luminaires with a built-in permanent LED source. Luminaires for classic light sources are covered by a 2 year warranty (24 months). More details in Guarantee Terms.

Power Supply

Unless otherwise stated, products must be supplied with 230V 50 / 60Hz mains voltage. Other required type of power supply is described beside a specific luminaire model.

Dimensions

All product dimensions and mounting holes are given in millimeters (mm) with a tolerance of up to 1mm.

Drivers

All luminaires powered by 230V are equipped with an appropriate power supply or they work directly on the mains supply. A transformer is required for recessed luminaires marked as 12V (not included).

Light Sources

All LED luminaires are supplied with an integrated light source. Luminaires working with classic sources are supplied without light sources, e.g. QPAR16, QR-LP 111 etc. All given lumens are for the light source at ambient temp. 25°C and color temp 3000K, unless otherwise stated.

LED Lifetime

All integrated LED CoB & PowerLED light sources have a lifetime of L80 at 50,000 operating hours.

IP

Unless otherwise stated, all fittings are characterized by IP20 level of ingress protection.

SDCM

Unless otherwise stated, all LED light sources are characterized by the SDCM parameter (MacAdam steps) at the 3-step level (CRI 98 - 2 step)

Colors

Unless otherwise stated, the main colors are marked as:

Black - RAL9005 (deep matt)
White - RAL9003 (deep matt)

Tolerance

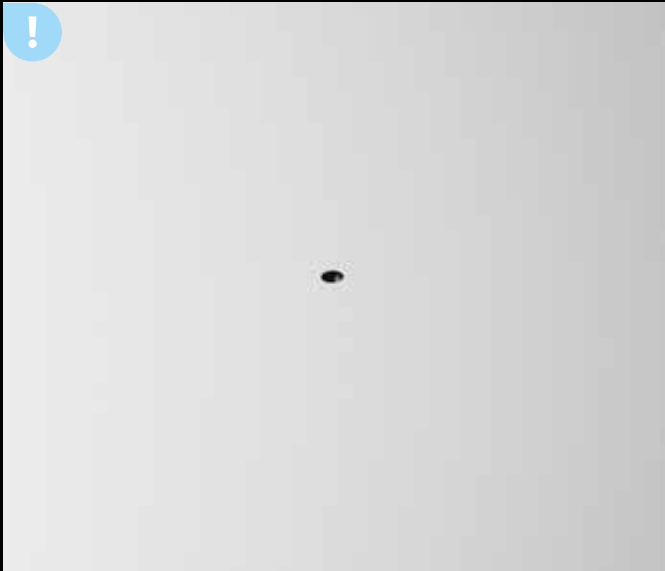
Due to the production process of LED diodes, we reserve the maintenance of tolerance in power and luminous flux at the level of ±7%, and CRI at ± 2.

Below are the energy classes for the LED light sources installed in our fixtures (color temp. 3000K). The listing in the table will give you a quick overview of each product family and fixture. Due to possible technical changes, please visit www.labra.pl for the most up-to-date data.

All of the fixtures listed below are equipped with LED sources and their controls — to be replaced by a professional.

Group / family	version	en. class	page	Group / family	version	en. class	page
Auro Base 90	(all models)	F	29	Pixel	(all models)	E	177
Auro Base 60	(all models)	F	29	Proxa	(all models)	F	181
Bold	(all models)	D	33	Proxa Move	(all models)	F	181
Dota System / Moduly	(all models)	E	43	Pura	(all models)	E	187
Dota HP Trimles	(all models)	E	45	Ray Multi.dot	(all models)	D	194
Dota NT High / Long	(all models)	E	45	Ray	(all models)	E	195
Dota Linear	(all models)	E	45	Ray Evo Set Lightline	(all models)	D	199
Fraam Move	(all models)	D	55	Ray Evo Set Shift In	(all models)	E	199
Fraam Down / Up	(all models)	D	57	Ray Evo System - Lightline	(all models)	D	215
Geit Evo 40	(all models)	E	66	Ray Evo System - Shift In	(all models)	E	215
Geit Evo 70	(all models)	F	66	Ray Evo System - Multi.dot	(all models)	E	214
Geit / Geit Flat	(all models)	F	67	Ray Evo System - Stik On 25	(all models)	E	214
Hedion Pro 16 / Trim	(all models)	E	77	Ray Evo System - Stik On 35	(all models)	F	214
Hedion Pro 38 / Trim	(all models)	F	77	Ray Evo System - Stik On 55	(all models)	F	214
Hedion Pro 60 / Trim / IP65	(all models)	F	77, 79	Ray Evo System - Stik 16.xxx ZW	(all models)	E	216
Hedion Pro 80 / Trim	(all models)	F	77	Ray Evo System - Stik 25.xxx ZW	(all models)	E	217
Hedion Pro 115 / Trim	(all models)	F	79	Ray Evo System - Stik 35.xxx ZW	(all models)	F	217
Iner 111 edge.LED / Trimless	(all models)	F	85	Ray Evo System - Geit Flat	(all models)	F	215
Iner Midi	(all models)	F	85	Ray Evo System - Shift On	(all models)	E	215
Lava	(all models)	F	91	Robotic R1 edge.LED	(all models)	F	229
Microsystem - AD 48V Flato		F	101	Shift 1.2 BS KN		E	239
Microsystem - AD 48V Stik Pure 16		E	101	Shift 1.3	(all models)	E	239
Microsystem - AD 48V Stik 16 ZW	(all models)	E	101	Shift 1.4	(all models)	E	239
Microsystem - AD 48V Shift Micro 3x1		E	101	Shift 12.1	(all models)	E	239
Mono / Mono Move LV	(all models)	F	117	Solid 16.3	(all models)	F	247
Multisystem - AD 48V Stik 16 SP		E	125	Solid 110	(all models)	F	247
Multisystem - AD 48V Stik 25	(all models)	E	125	Solid Area 2.0	(all models)	E	249
Multisystem - AD 48V Stik 35	(all models)	F	125	Solid Area 4.0	(all models)	E	249
Multisystem - AD 48V Shift On 3x1		E	125	Solid Area 5.0	(all models)	E	249
Multisystem - AD 48V Shift In 5x1		E	125	Solid Lightbox 135	(all models)	G	251
Multisystem - AD 48V Stik 25.500 ZW		E	125	Solid Lightbox 185	(all models)	G	251
Multisystem - AD 48V Line In	(all models)	D	125	Stik 16 WALL	(all models)	E	265
Multisystem - AD 48V Line In Points	(all models)	E	125	Stik 16 R	(all models)	E	265
Multiva Evo 60	(all models)	F	142	Stik 16.xxx ZW	(all models)	E	265
Multiva Evo 80	(all models)	F	142	Stik 25.1 WALL KN		E	263
Multiva Evo 115	(all models)	F	143	Stik 35.1	(all models)	F	263
Neutra System	(all models)	F	149	Stik Pure 35	(all models)	F	263
Nex	(all models)	F	153	Stik 35.xxx ZW	(all models)	F	263
Opta Grid X1 Q		E	165	Stinger 80	(all models)	F	271
Opta Grid X4 Q		D	165	Stinger Pure 80	(all models)	F	271
Opta Grid X1		E	165	Texo XS.50	(all models)	F	282
Opta Grid X2		E	165	Texo XL.75	(all models)	F	282
Opta Grid X4		D	165	Tubular	(all models)	E	295
Opta Grid X6		D	165	Tweet	(all models)	F	303
Opta Grid X8		D	165	Tweet NT	(all models)	F	303
Opta Disk NT/WP	(all models)	F	165	Walky		E	307
Opta Disk Round	(all models)	F	165	Wave	(all models)	D	313
Panton 2.0	(all models)	F	173	Yon 46	(all models)	D	323
Panton 1.0	(all models)	F	173	Yon 46 Grid	(all models)	E	323
Panton Tube		F	173				

HIGHLIGHTS



68 . **hedion pro 16**



92 . **microsystem**



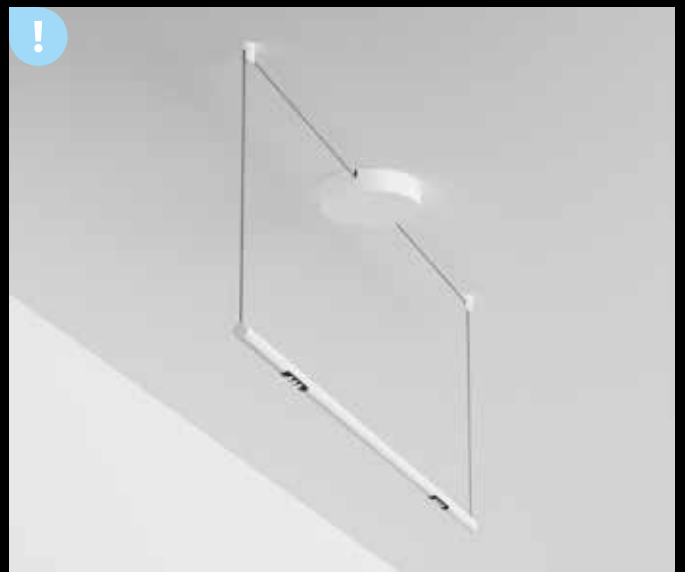
154 . **opta disk**



154 . **opta grid**



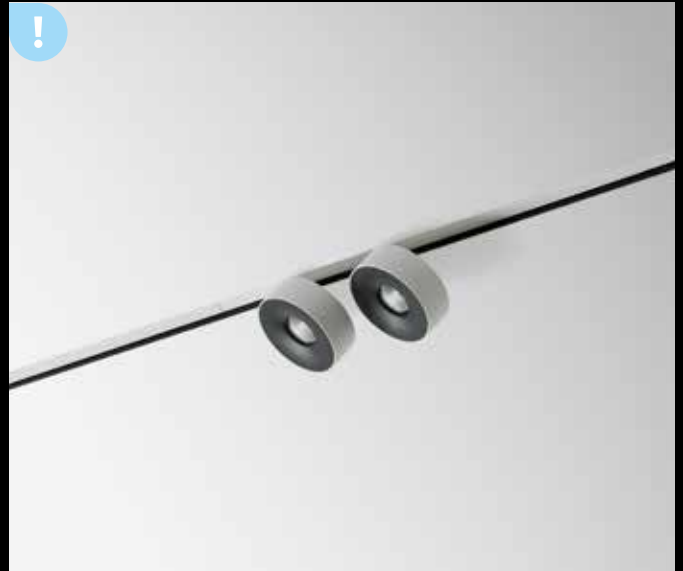
174 . **pixel**



182 . **pura**



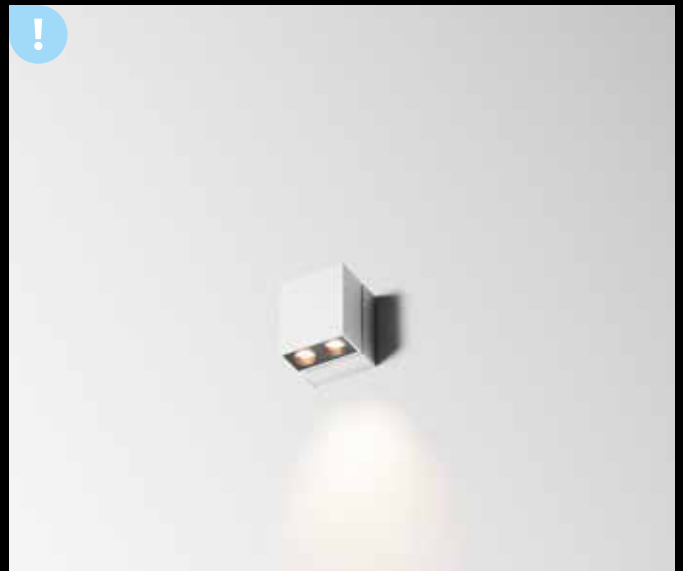
188 . ray evo set



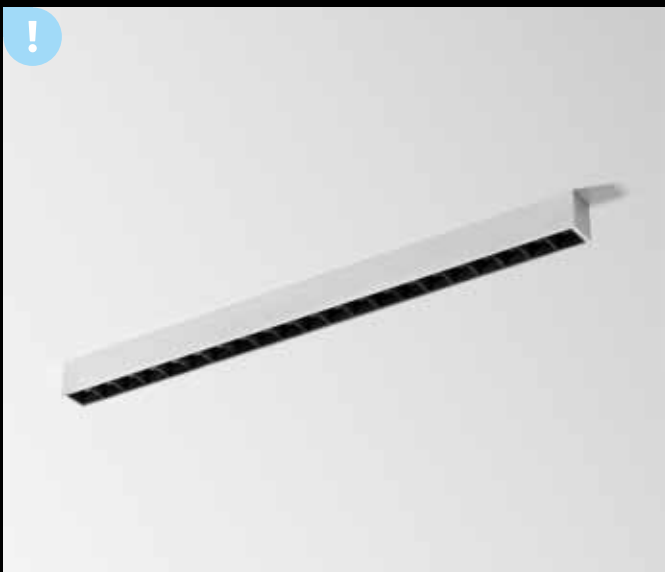
200 . ray evo system



252 . stik 16



230 . shift BS



314 . yon 46

LABRA

light thinking



KARASHETSKYY Architects

for Nikolay Korsun

auro

auro

AURO BASE family includes two types of luminaires — surface-mounted and recessed. Base NT spotlights are mounted on an asymmetrical base slightly distanced from the wall, which adds lightness and elegance to the whole design. WP models, on the other hand, are positioned centrally in relation to the frame surrounding the mounting hole. In both versions, Auro Base offers single and double models, fitted with integrated LED sources. The luminaires are available in white and black, while the inner part features a black ring finish. Auro Base is perfect for both household (kitchen, hallway, supplementary lighting in the living room) and public areas (offices, showrooms, service points).



auro base 60x1 / 90x2 NT









auro



auro base 90x2 WP

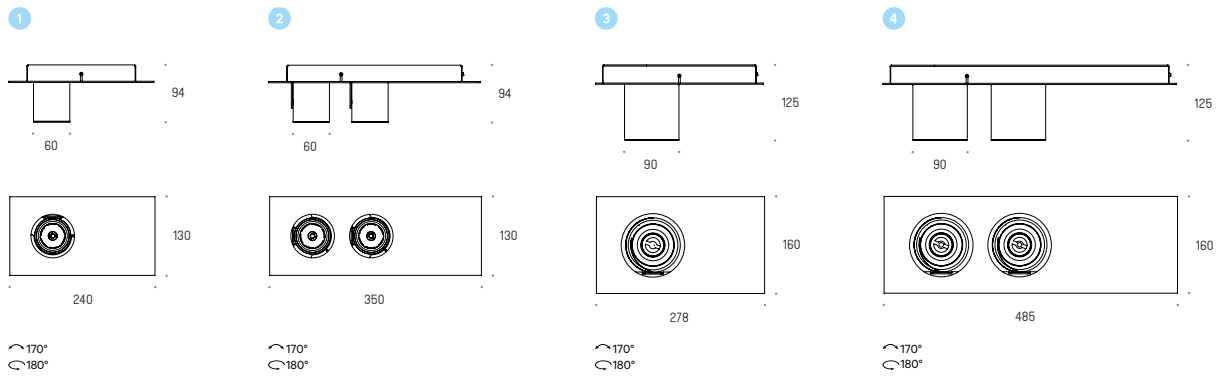


auro base 90x2 NT

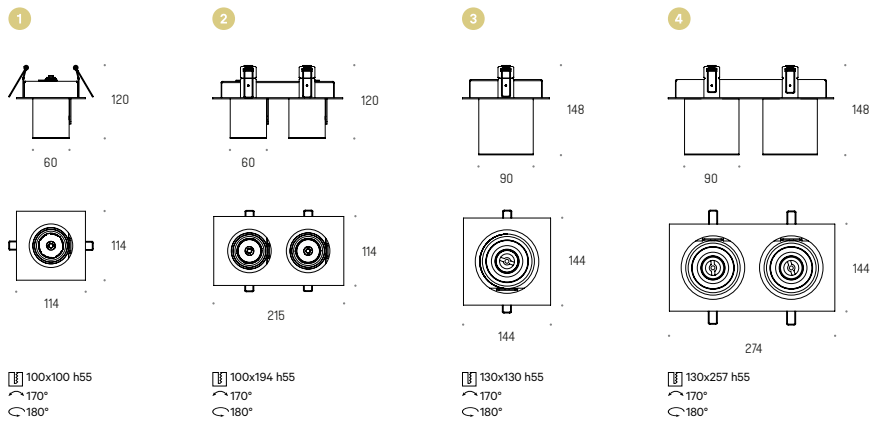
Model	On-Off	Switch Dim	DALI2	PhaseCut	White + Black	Black	White	Mixed	CRI98 2700K	CRI98 3000K	CRI98 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 13°	Medium 23°	Wide 42°
Auro Base NT 																	
1	60x1	1x 7W 400lm	3.0554														
2	60x2	2x 7W 400lm	3.0555														
3	90x1	1x 15W 1200lm	3.0548	3.1419	3.1417	3.1418											
4	90x2	2x 15W 1200lm	3.0549	3.1983	3.1420	3.1421											
Auro Base WP 																	
1	60x1	1x 7W 400lm	4.1164	4.1984	4.1165	4.1166											
2	60x2	2x 7W 400lm	4.1167	4.1985	4.1168	4.1169											
3	90x1	1x 15W 1200lm	4.1170	4.1986	4.1171	4.1172											
4	90x2	2x 15W 1200lm	4.1173	4.1987	4.1174	4.1175											



Auro Base NT



Auro Base WP



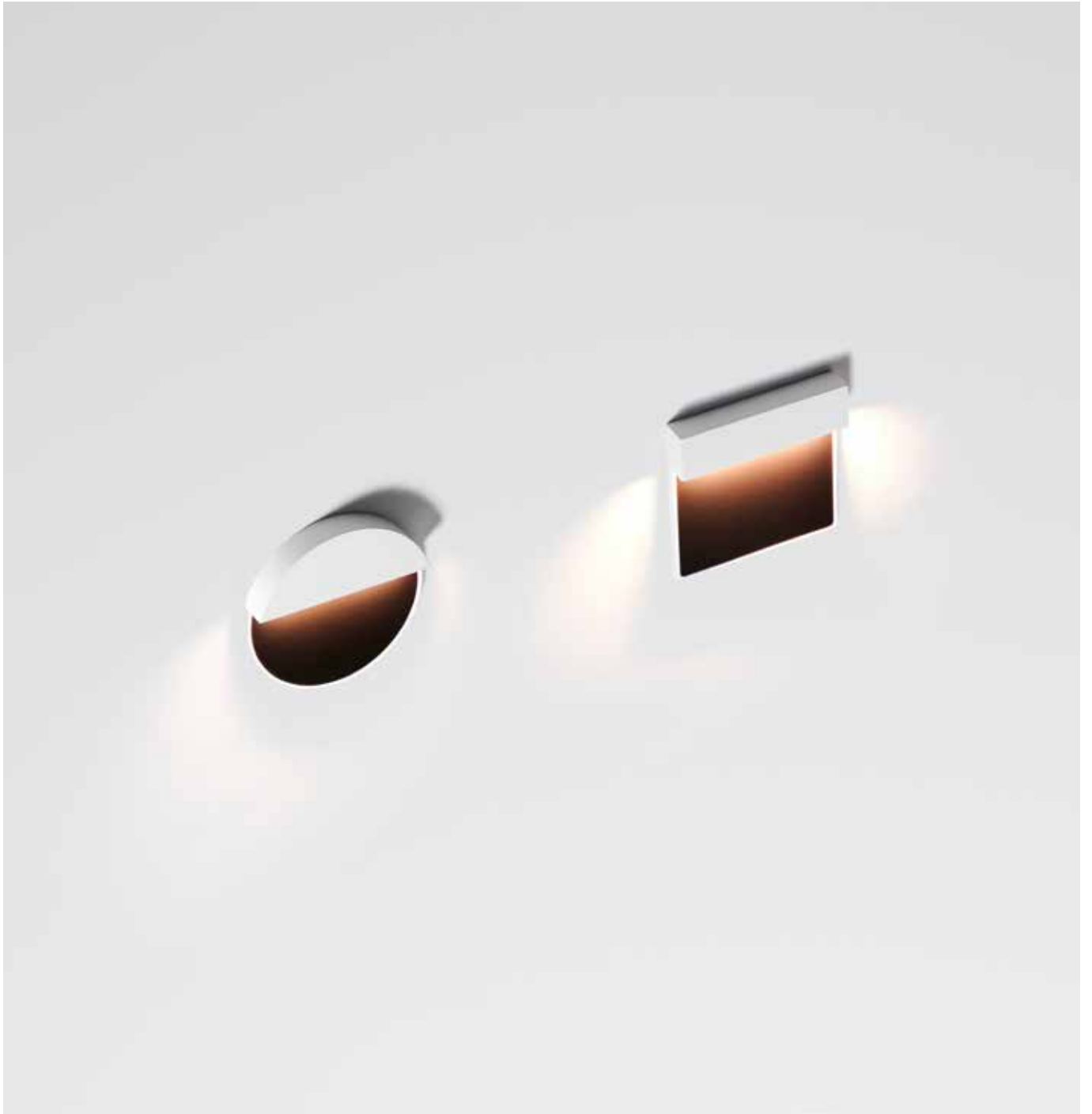


bold


in cooperation with — **Light Effect**

BOLD is a luminaire dedicated for illuminating stairs or passageways. Square or round body with thickness of only 13 mm can be mounted in a classic 60 mm diameter mounting box or directly on plasterboard surfaces. The luminaire features an integrated LED light source and includes a power supply.

bold

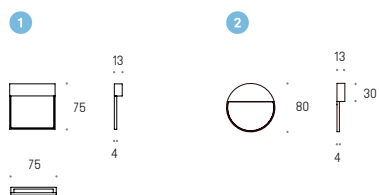


bold r / bold q

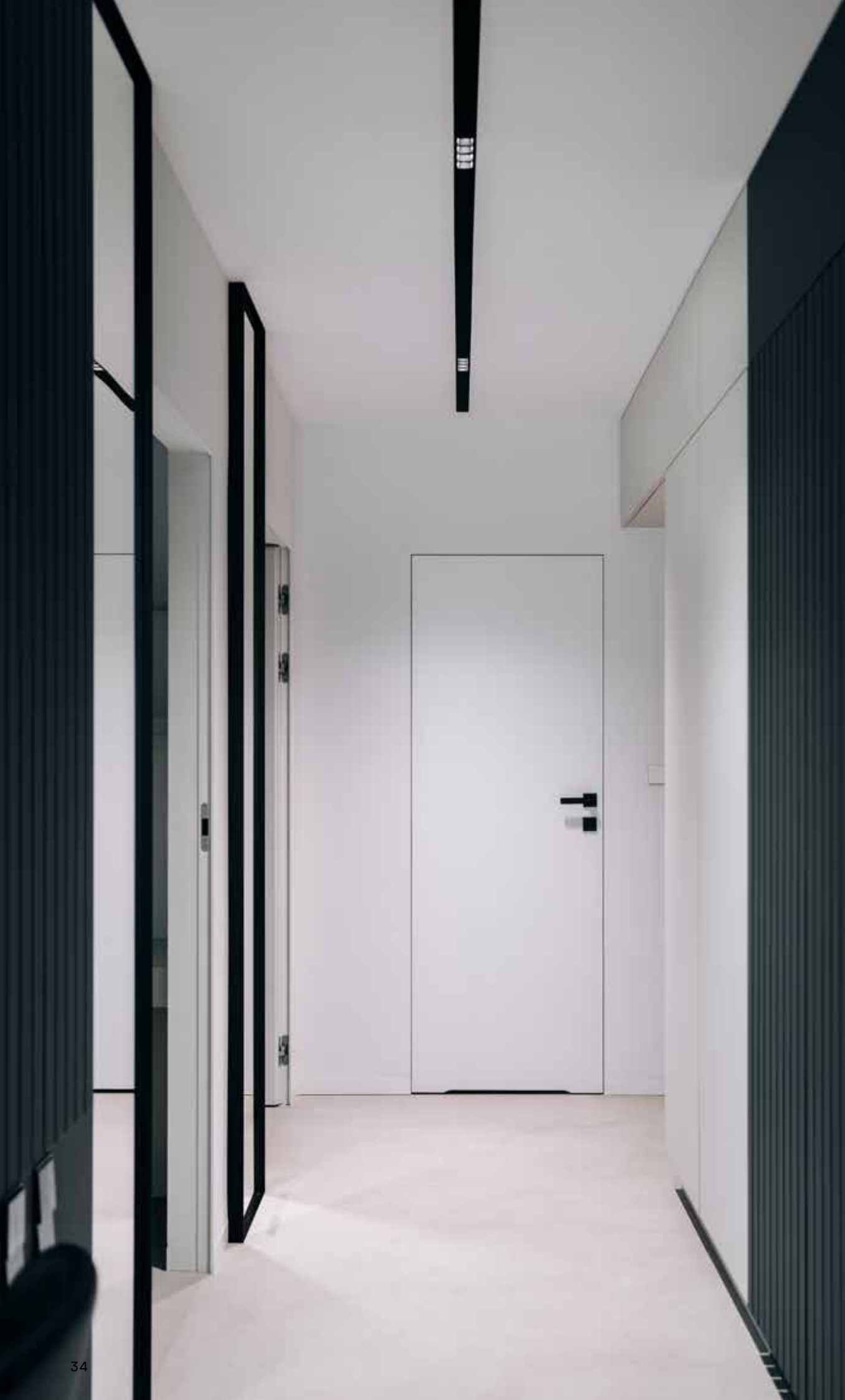
	Model	On-Off	Accessories	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
	Bold			.02	.03	.99	.927	.930	.940
1	Q 1.0 KN	1x 2W 90lm	4.1912	•	•	•	•	•	•
2	R 1.0 KN	1x 2W 90lm	4.2629	•	•	•	•	•	•
	Mounting Box dia.60	[option]	9.1769						

energy
pg./str.17

Bold KN



check mounting instruction



0000

0000

dota — dota system



custom
system

The DOTA collection is divided into recessed (trimless) surface-mounted luminaires (high and long) and a series of long lamps of various types under the name Dota Linear. All Dota models are based on a rectangular base with centrally or asymmetrically placed, efficient and powerful Power LEDs (350 to 700 lm from one source). The smallest luminaires, i.e. Dota 40.1, are meant for private spaces and the bigger ones are suitable for offices or public buildings. In the Linear version, customers can choose between minimalist pendant lamps perfectly suitable for workplace lighting as well as surface-mounted lamps. Dota System offers customised profile lengths as well as several light and power modules to choose from. For Dota, care has been taken to ensure trouble-free installation based on magnetic modules and very good technical parameters (CRI90, UGR<19).



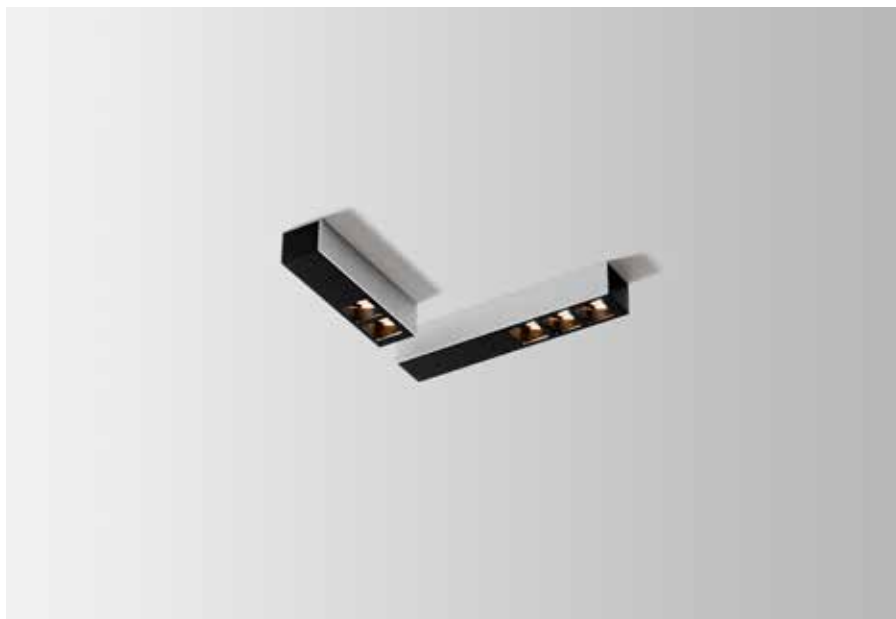


← dota linear NT

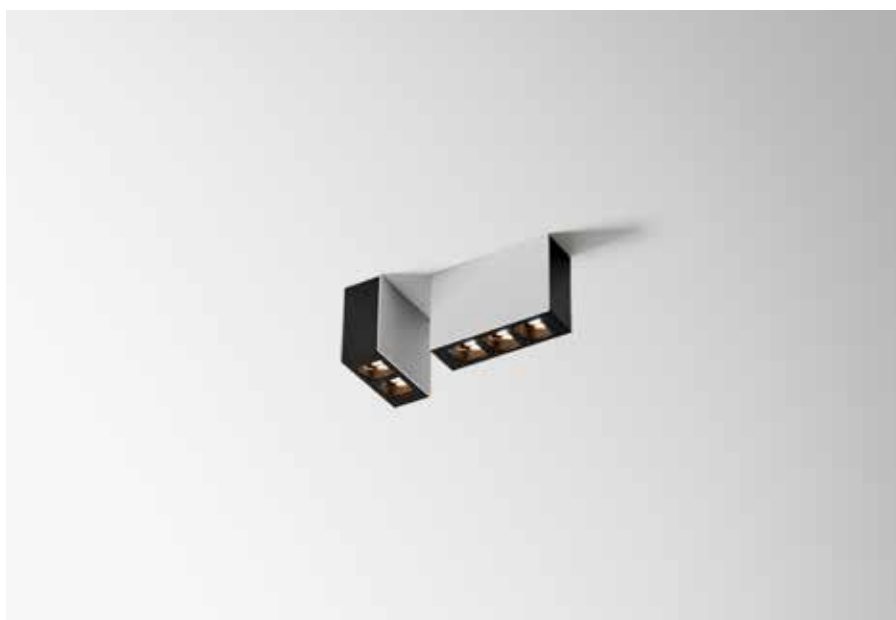
dota linear ZW ↑



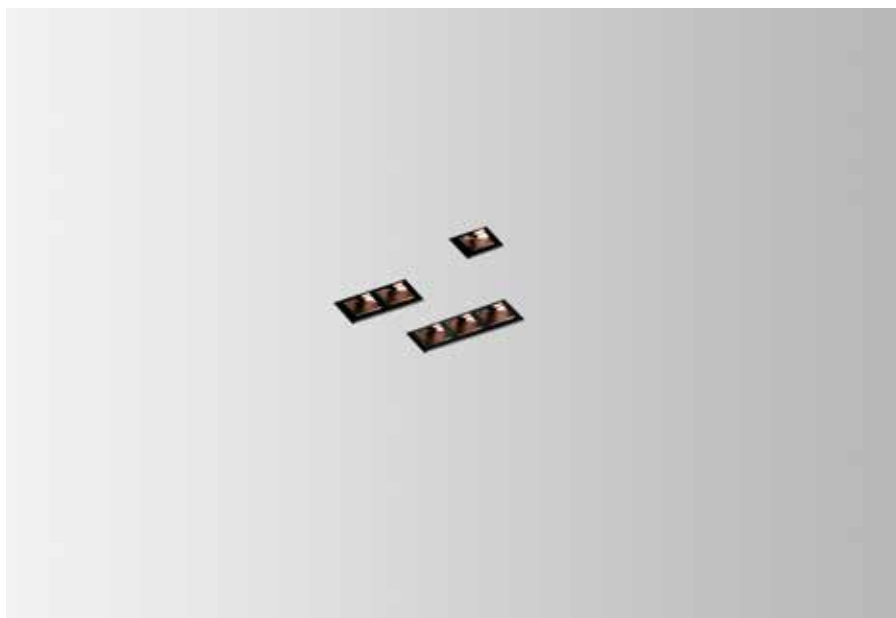
dota NT long



dota NT high



dota HP trimless





ZNAMY SIĘ

fol. Krzysztof Zgola

dota — dota system



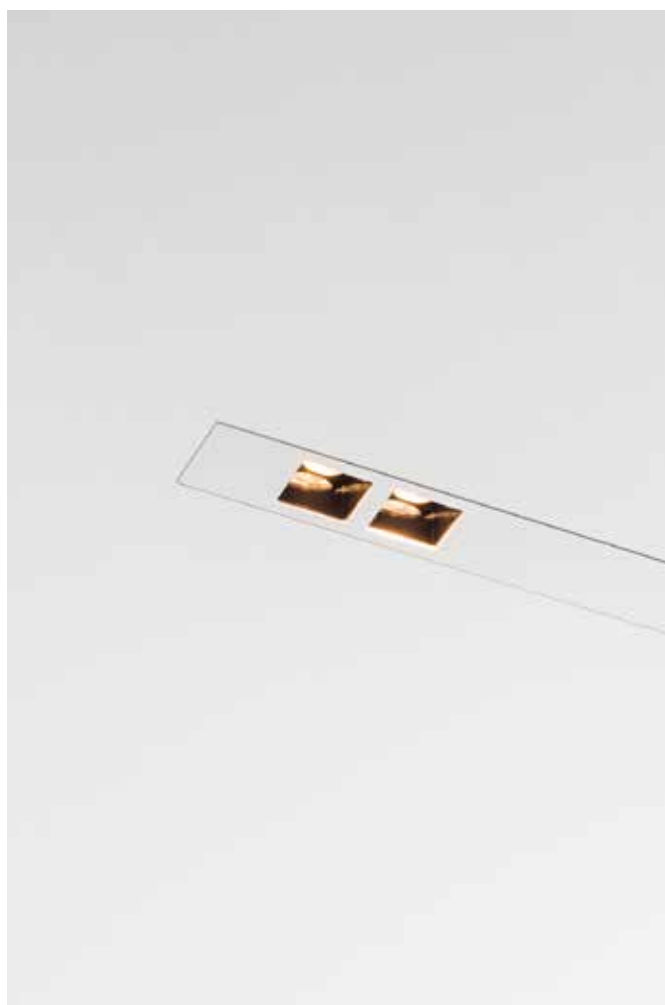
dota system



dota system NT



dota system ZW



dota system WP

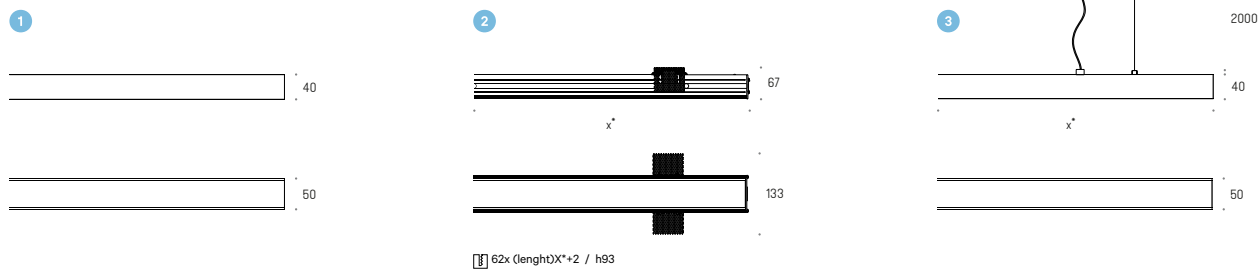
Model	Main Components	On-Off	Switch Dim	DALI2	Black + White	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Spot 19°	Wide 45°	Oval 42°+20°
					.33	.02	.03	.99	.927	.930	.940	.S	.W	.O
Dota System* — Profiles														
1	Main Profile NT (surface)	6.2346			•	•	•	•						
2	Main Profile WP (recessed)	6.2347			•	•	•	•						
3	Main Profile ZW (suspended)	6.2348			•	•	•	•						
Dota System — Light modules														
1	Light module X1** 4.5W 350lm	6.2349							•	•	•	•	•	•
2	Light module X2** 9W 700lm	6.2350							•	•	•	•	•	•
3	Light module X3** 13.5W 1050lm	6.2351							•	•	•	•	•	•
4	Light module X4** 18W 1400lm	6.2352							•	•	•	•	•	•
Dota System — Driver modules														
1	Driver for modules X1 / X2	6.2353	6.3617	6.2356										
1	Driver for modules X3 / X4	6.2355	6.3617	6.2356										
2	Suspended Power Supply [On-Off, DALI 5x 0.5]	6.2114			•	•	•	•						

* The system is made for the client's project

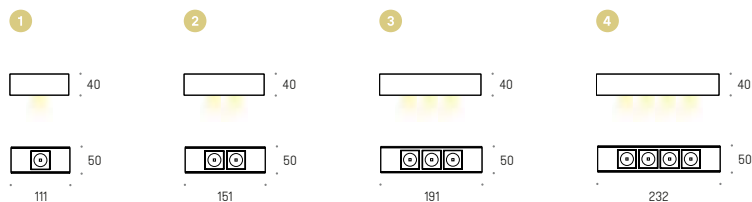
** The given power of the LED diode + optics



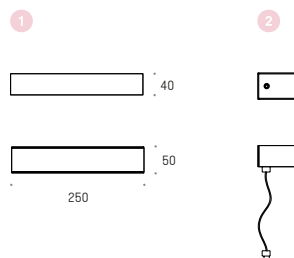
Dota System — profiles



Dota System — light modules

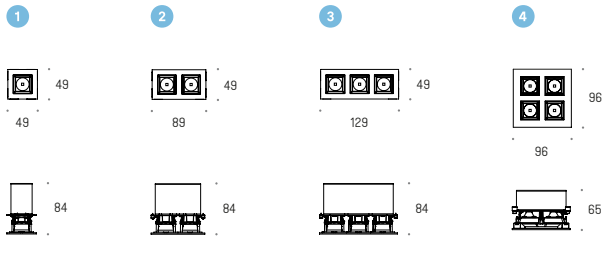


Dota System — power supply/driver modules

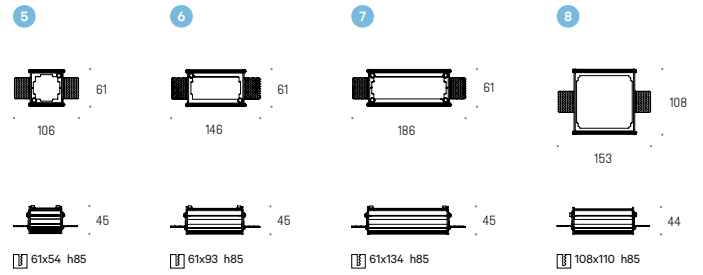


dota

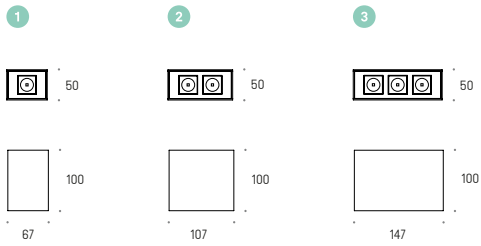
Dota HP Trimless



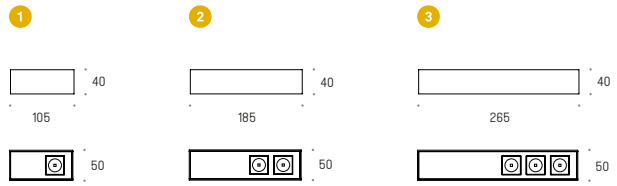
Dota HP Trimless - ramy montażowe



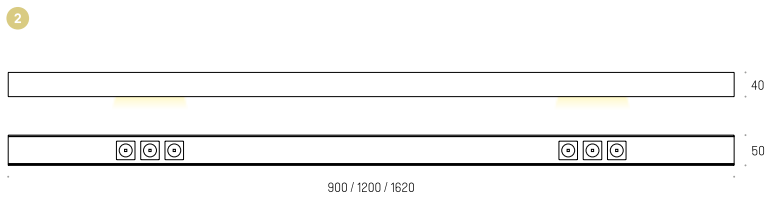
Dota High



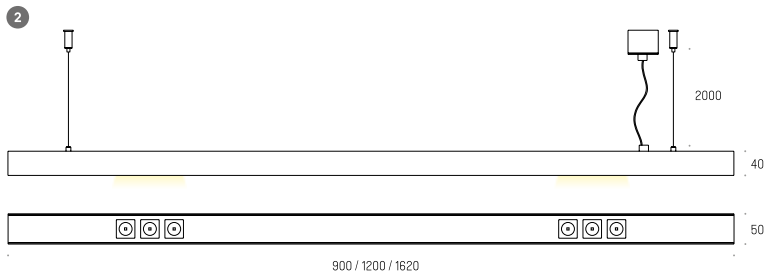
Dota Long



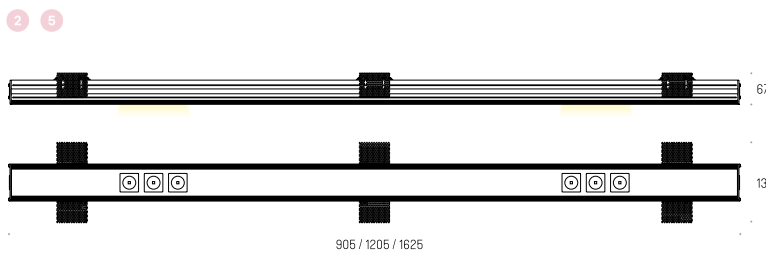
Dota Linear NT



Dota Linear ZW

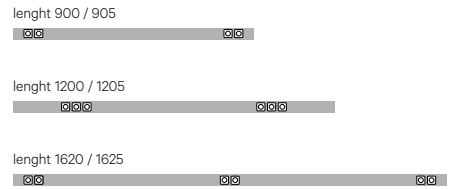








Dota Linear WP



L905 — 63x911 / h93
 L1205 — 63x1211 / h93
 L1625 — 63x1631 / h93

Optics distribution depending on the length - all versions



Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black + White	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Spot 19°	Wide 45°	Oval 42°+20°
							.33	.02	.03	.99	.927	.930	.940	.S	.W	.O
Dota Trimless HP 																
1	40.1	10W 470lm	4.1931	4.2522	4.1932	4.1933										
2	40.2	19W 930lm	4.1935	4.2523	4.1936	4.1937										
3	40.3	27W 1410lm	4.1939	4.2524	4.1940	4.1941										
4	40.4 Q	32W 1500lm	4.1943	4.2525	4.1944	4.1945										
5	40.1 Mounting frame	[required]				4.1930										
6	40.2 Mounting frame	[required]				4.1934										
7	40.3 Mounting frame	[required]				4.1938										
8	40.4 Q Mounting frame	[required]				4.1942										
Dota NT High 																
1	40.1 High	6W 350lm	3.2077													
2	40.2 High	11W 700lm	3.2079													
3	40.3 High	17W 1050lm	3.2081													
Dota NT Long 																
1	40.1 Long	6W 350lm	3.2185													
2	40.2 Long	11W 700lm	3.2186													
3	40.3 Long	17W 1050lm	3.2187													
Dota Linear NT 																
1	NT 900	19W 1050lm	3.2050	3.2526	3.2051											
2	NT 1200	28W 2100lm	3.2053	3.2527	3.2054											
3	NT 1620	28W 2100lm	3.2056	3.2528	3.2057											
Dota Linear ZW 																
1	ZW 900	19W 1050lm	5.2068	5.2529	5.2069											
2	ZW 1200	28W 2100lm	5.2071	5.2530	5.2072											
3	ZW 1620	28W 2100lm	5.2074	5.2531	5.2075											
Dota Linear WP 																
1	WP 900	19W 1050lm	4.2059	4.2532	4.2060											
2	WP 1200	28W 2100lm	4.2062	4.2533	4.2063											
3	WP 1620	28W 2100lm	4.2065	4.2534	4.2066											
4	WP 900 Mounting frame	[required]				4.2047										
5	WP 1200 Mounting frame	[required]				4.2048										
6	WP 1620 Mounting frame	[required]				4.2049										



moogaa studio Monika Glowacka

fraam

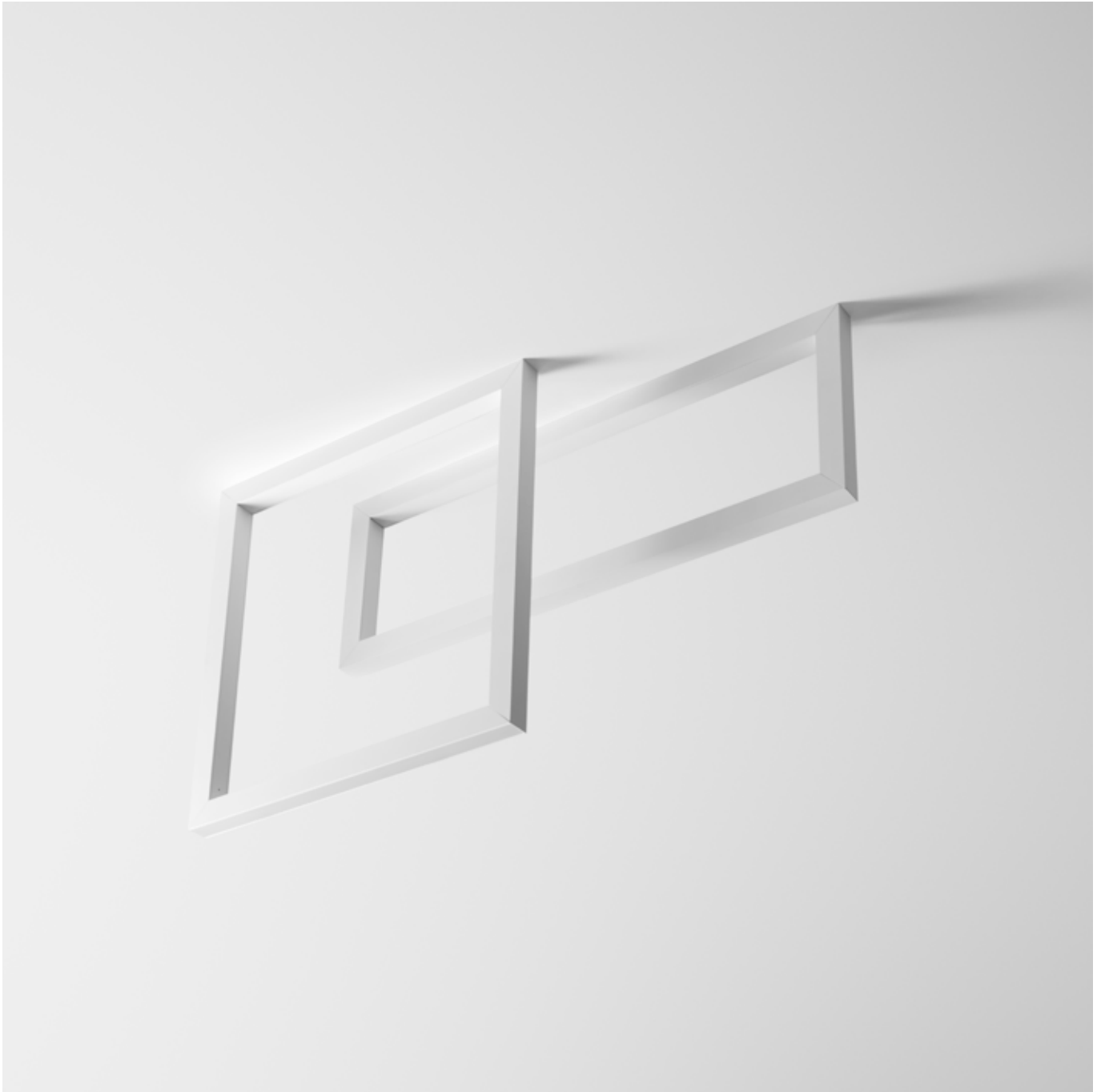
fraam

FRAAM is a straightforward surface-mounted or pendant lamp in geometric shapes. Its concept is based on rectangles and squares. A great advantage of the Fraam model is the wide range of available luminaire dimensions in terms of height and profile length. This allows you to create impressive spatial compositions that act as a distinctive decorative element of any interior. Interestingly, the Fraam Move luminaire can also be mounted on a 3F track rail, so that the lamp can be moved as needed in the axis of the rail. This version also features a movable lower lamp profile allowing you to change the direction of light incidence or illuminate the ceiling. Soft light is provided by an opal PMMA or microprismatic satin screen. It reduces the effect of glare, making it ideal for use over reception desks, conference tables, dining tables or kitchen islands.









fram up / down NT



Roma Kulczyk Architekt

fol. Krzysztof Zgola

fraam



fraam move NT / ad 3F



WZORCOWNIA Daria Rogozińska

fol. Daria Rogozińska

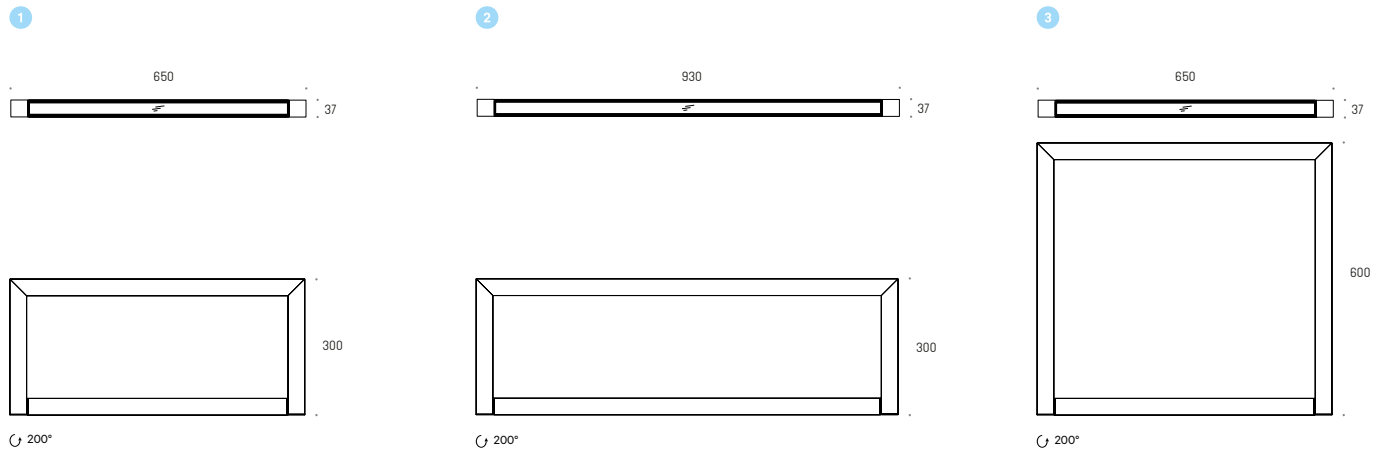
fraam

Model		On—Off	Switch Dim	DALI2	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Diffused	Microprismatic
					.02	.03	.99	.927	.930	.940	.DF	.MP
Fraam Move G2 ⊕												
1	NT 3.6*	28W 1600lm	3.2139	3.2873	3.2140	•	•	•	•	•	•	•
2	NT 3.9*	39W 2500lm	3.2141	3.2874	3.2142	•	•	•	•	•	•	•
3	NT 6.6*	28W 1600lm	3.2143	3.2875	3.2144	•	•	•	•	•	•	•
4	AD 3F 3.6*	28W 1600lm	7.2145	7.2876	7.2146	•	•	•	•	•	•	•
5	AD 3F 3.9*	39W 2500lm	7.2147	7.2877	7.2148	•	•	•	•	•	•	•
6	AD 3F 6.6*	28W 1600lm	7.2149	7.2878	7.2150	•	•	•	•	•	•	•

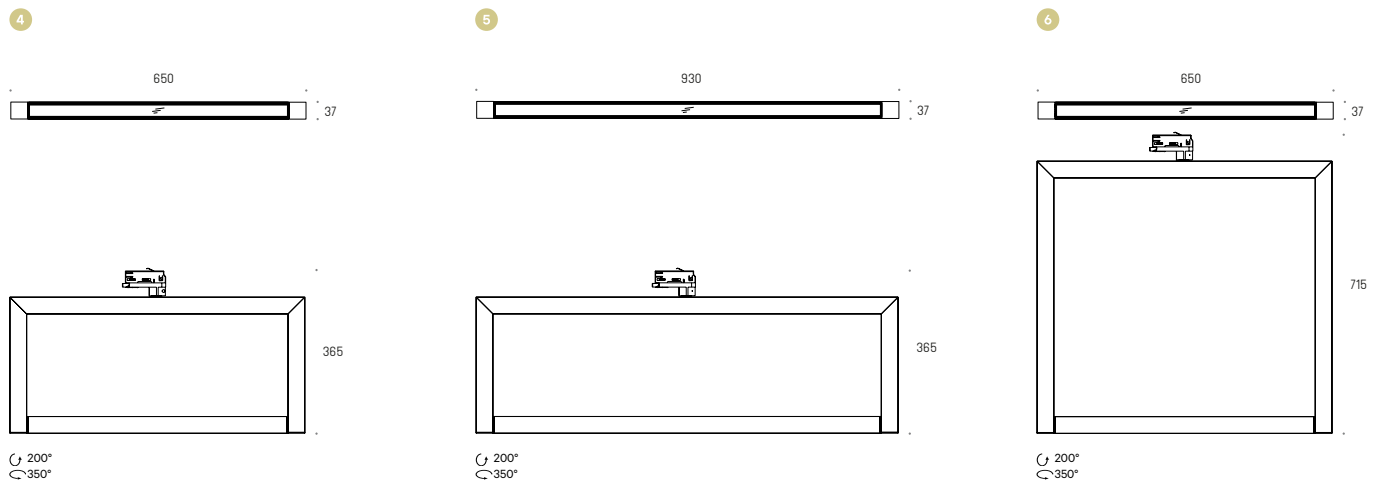
* Data for version .MP Microprismatic, 3000°K



Fraam Move NT

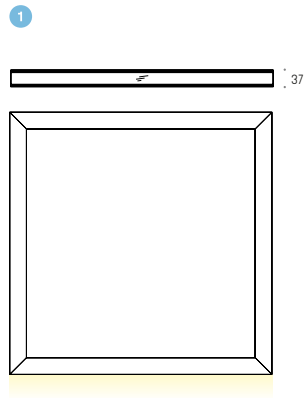


Fraam Move AD 3F

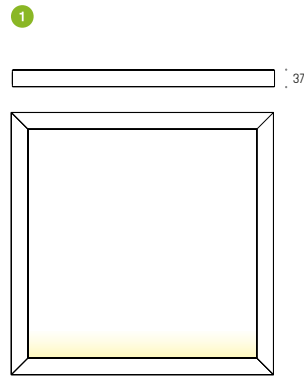


fraam

Fraam Down — downlight

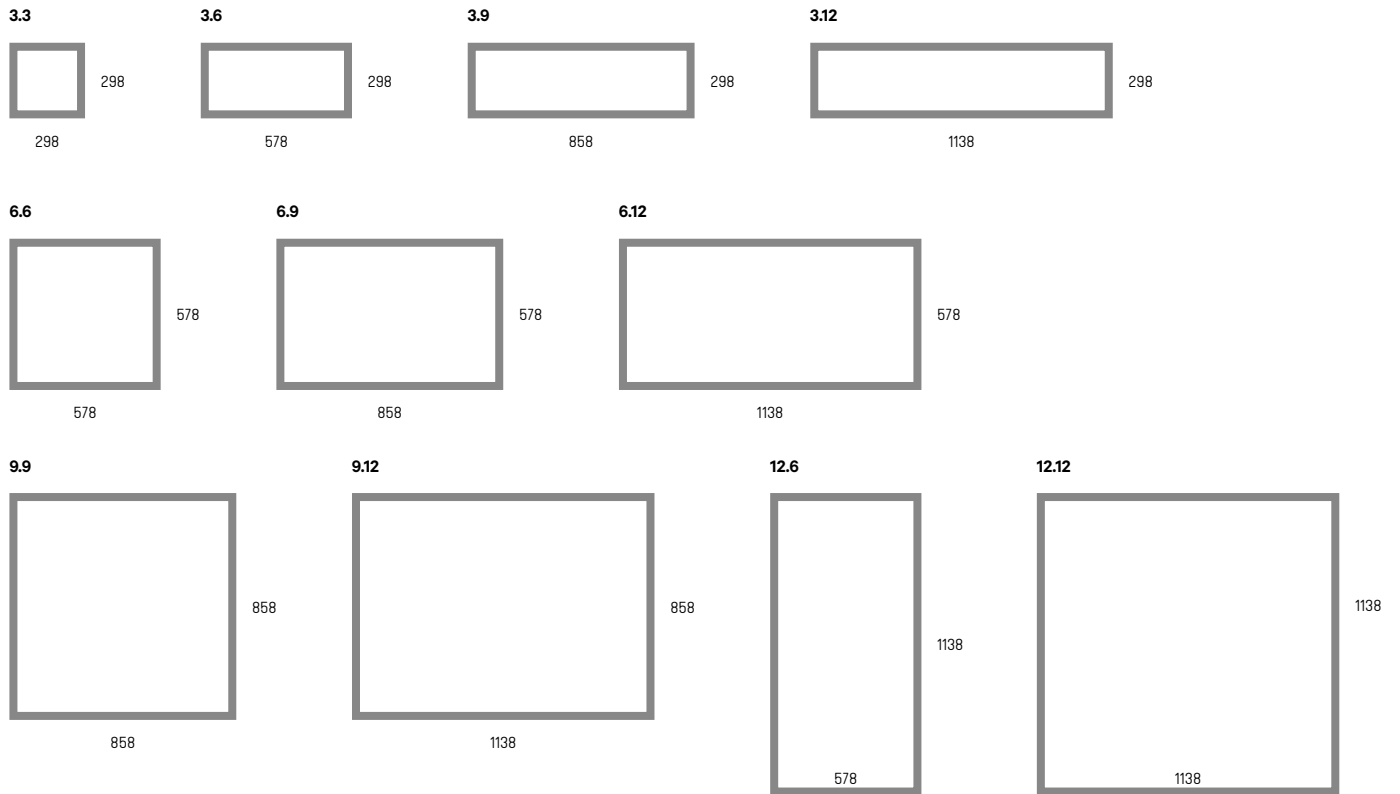


Fraam Up — uplight



Fraam — model dimensions

1 1

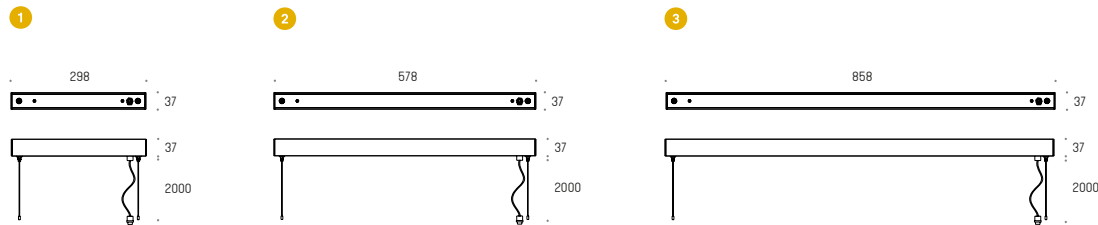


Model		On—Off	Switch Dim	DALI2		Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Diffused	Microprismatic
						.02	.03	.99	.927	.930	.940	.DF	.MP
Fraam Down G2 ☹️													
1	Down 3.3 *	14W 760lm	3.1340	3.2851	3.1341	•	•	•	•	•	•	•	•
	Down 3.6 *	28W 1600lm	3.1342	3.2852	3.1343	•	•	•	•	•	•	•	•
	Down 3.9 *	38W 2500lm	3.1344	3.2853	3.1345	•	•	•	•	•	•	•	•
	Down 3.12 *	49W 3400lm	3.1346	3.2854	3.1347	•	•	•	•	•	•	•	•
	Down 6.6 *	28W 1600lm	3.1348	3.2855	3.1349	•	•	•	•	•	•	•	•
	Down 6.9 *	38W 2500lm	3.1350	3.2856	3.1351	•	•	•	•	•	•	•	•
	Down 6.12 *	49W 3400lm	3.1352	3.2857	3.1353	•	•	•	•	•	•	•	•
	Down 9.9 *	38W 2500lm	3.1354	3.2858	3.1355	•	•	•	•	•	•	•	•
	Down 9.12 *	49W 3400lm	3.1356	3.2859	3.1357	•	•	•	•	•	•	•	•
	Down 12.6 *	28W 1600lm	3.1358	3.2860	3.1359	•	•	•	•	•	•	•	•
	Down 12.12 *	49W 3400lm	3.1360	3.2861	3.1361	•	•	•	•	•	•	•	•
Fraam Up G2 ☺️													
1	Up 3.3	7.5W 200lm	3.1362	3.2862	3.1363	•	•	•	•	•	•	•	•
	Up 3.6	20W 600lm	3.1364	3.2863	3.1365	•	•	•	•	•	•	•	•
	Up 3.9	34W 1300lm	3.1366	3.2864	3.1367	•	•	•	•	•	•	•	•
	Up 3.12	44W 1700lm	3.1368	3.2865	3.1369	•	•	•	•	•	•	•	•
	Up 6.6	20W 600lm	3.1370	3.2866	3.1371	•	•	•	•	•	•	•	•
	Up 6.9	34W 1300lm	3.1372	3.2867	3.1373	•	•	•	•	•	•	•	•
	Up 6.12	44W 1700lm	3.1374	3.2868	3.1375	•	•	•	•	•	•	•	•
	Up 9.9	34W 1300lm	3.1376	3.2869	3.1377	•	•	•	•	•	•	•	•
	Up 9.12	44W 1700lm	3.1378	3.2870	3.1379	•	•	•	•	•	•	•	•
	Up 12.6	20W 600lm	3.1380	3.2871	3.1381	•	•	•	•	•	•	•	•
	Up 12.12	44W 1700lm	3.1382	3.2872	3.1383	•	•	•	•	•	•	•	•
Fraam Up / Down — Suspension set G2													
1	Set for all x.3				9.2135	•	•	•					
2	Set for all x.6				9.2136	•	•	•					
3	Set for all x.9				9.2137	•	•	•					
4	Set for all x.12				9.2138	•	•	•					

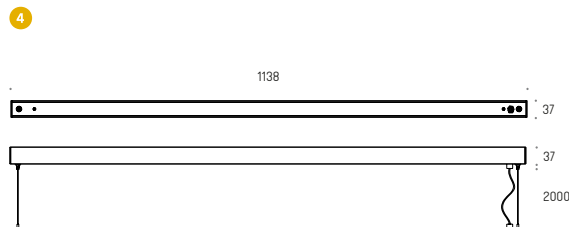
* Data for version .MP Microprismatic, 3000°K



Fraam ZW — suspension set



Fraam ZW — suspension set





CECHOWNIA Aleksandra Grzonka

foi. Aleksandra Dermont

geit — geit evo

geit — geit evo



Spotlights from the GEIT line are characterised by bipartite construction of the luminaire. Geit consists of two disks or tubes, one of which is a fixed element, while the other, mobile, with a mounted light source offers up to 90 degrees flexibility and can be rotated around its axis. The possibility of tilting the luminaire in different directions allows you to create interesting light sceneries and spot light selected architectural elements. The line offers a wide range of parameters — from different luminaire diameters, tube lengths or LED light sources to different power supplies. The Geit collection includes surface-mounted spotlights and luminaires with adapters for rail systems, which allow for mobility and illumination of the room depending on the changing needs. Geit works particularly well in kitchens, hallways, as supplemental lighting in the living room or in retail spaces.



geit evo 40 NT / geit evo 70 ad 3F





NV Architects

fol. Sergey Savchenko

geit — geit evo



geit NT / geit mini NT / geit mini ad 3F

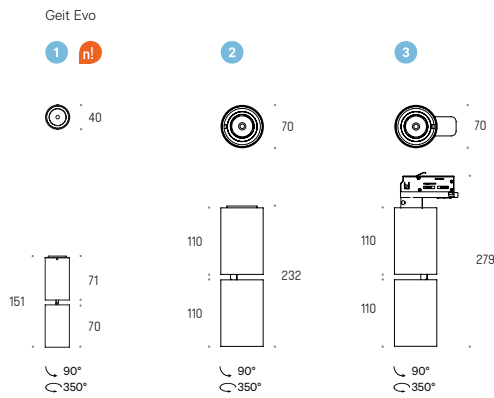




geit — geit evo

Model		On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Medium 35°	Wide 45°
						.02	.03	.99	.927	.930	.940	.S	.M	.W	.M	.W
Geit Evo	⊕															
1 Evo 40	1x 6W 370lm	2.2029				•	•	•	•	•	•				•	•
2 Evo 70 G2	1x 8W 510lm	2.2717	2.2718	2.2719	2.2720	•	•	•	•	•	•	•	•	•		
3 Evo 70 G2 AD 3F	1x 8W 510lm	7.2721	7.2722	7.2723	7.2724	•	•	•	•	•	•	•	•	•		
									•	•	•					

• CR190

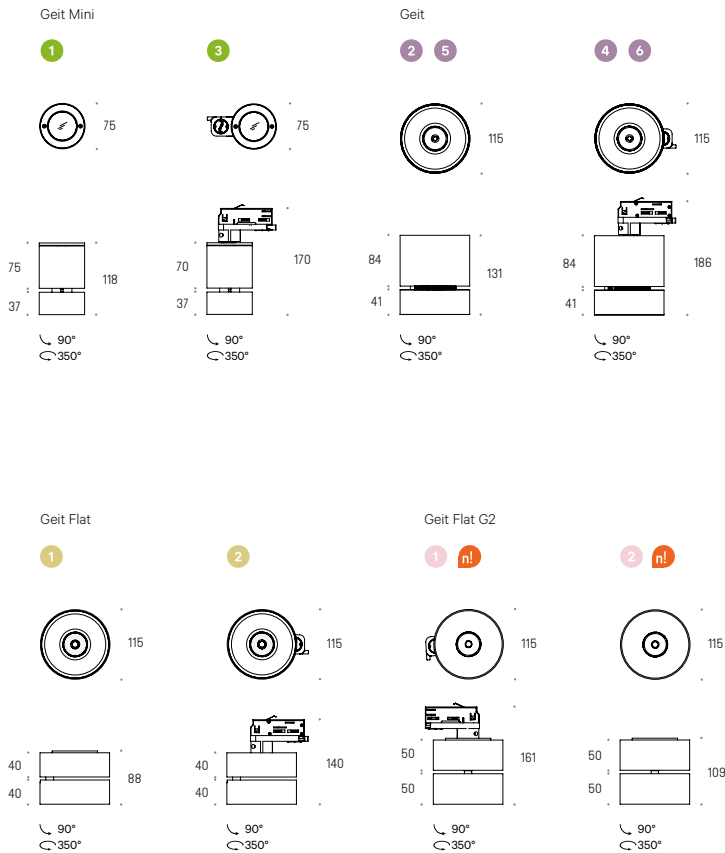


geit evo 40 NT



geit flat ad 3F

Model		On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°	
						.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W	
Geit Mini ☺																		
1	Geit Mini NT	1x 50W GU10 QPAR16	2.0312			•	•	•										
2	Geit Mini AD 1F	1x 50W GU10 QPAR16	7.1041			•	•	•										
3	Geit Mini AD 3F	1x 50W GU10 QPAR16	7.0313			•	•	•										
Geit ☺																		
1	Geit NT	1x 0-50W G53 QR-LP111	3.0118			•	•	•										
2	Geit AD 3F	1x 0-50W G53 QR-LP111	7.0318			•	•	•										
3	Geit NT edge.LED	1x 8W 510lm	2.0698	2.3619	2.1489	2.1488	•	•	•	•	•	•	•	•				
4	Geit AD 3F edge.LED	1x 8W 510lm	7.0699	7.3620	7.1491	7.1490	•	•	•	•	•	•	•	•				
5	Geit NT edge.LED	1x 15W 1200lm	2.0840	2.3621	2.1493	2.1492	•	•	•	•	•				•	•	•	
6	Geit AD 3F edge.LED	1x 15W 1200lm	7.0899	7.3622	7.1495	7.1494	•	•	•	•	•				•	•	•	
Geit Flat ☺																		
1	Geit Flat NT edge.LED	1x 11W 900lm	2.1915				•	•	•	•	•				•	•	•	
2	Geit Flat AD 3F edge.LED	1x 11W 900lm	7.1918				•	•	•	•	•				•	•	•	
Geit Flat G2 ☺																		
1	Geit Flat G2 NT edge.LED	1x 20W 1700lm	2.2772	2.2774	2.2773	2.2775	•	•	•	•	•				•	•	•	
2	Geit Flat G2 AD 3F edge.LED	1x 20W 1700lm	7.2890	7.2892	7.2891	7.2893	•	•	•	•	•				•	•	•	





hedion



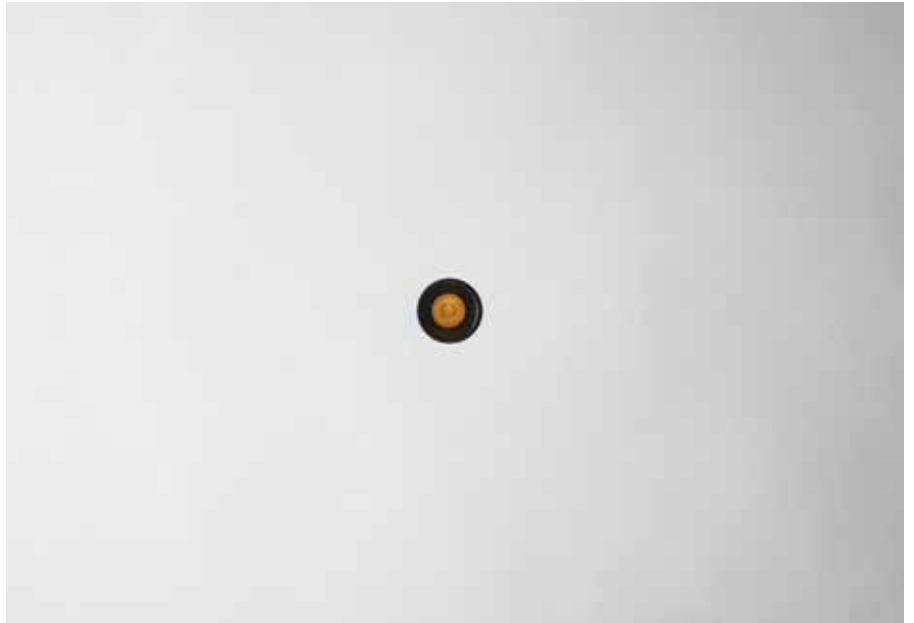
HEDION is a spotlight for special tasks. Small but effective, inconspicuous but functional. This recessed luminaire is designed so as to illuminate a part of a room or create a light island effect without interfering with the architecture of the interior. Interestingly, there is also an IP65 waterproof version, so it can be successfully used even as a shower light. The collection includes two mounting versions of Hedion — with a delicate frame surrounding the mounting hole or a minimalist spotlight without the frame. Thanks to its transparent casing, Hedion can be successfully used both in modern and classical interiors, blending well with any, even stylised, lighting.

Hedion offers minimalistic form and light output range from 350lm to 2050lm in the most popular 2700K/3000K/4000K colour temperature gamut. Despite its high luminous power, the spotlight does not dazzle thanks to its retracted optics. In addition, Hedion offers a smooth DALI2 dimming function, which allows the light intensity to be adjusted to ambient conditions and the time of day.

Hedion is made of high-quality powder coated aluminium available in two colours: white and black. The main body is fixed on a mounting ring, which enables quick and easy installation of the light module without tools.



hedion 16



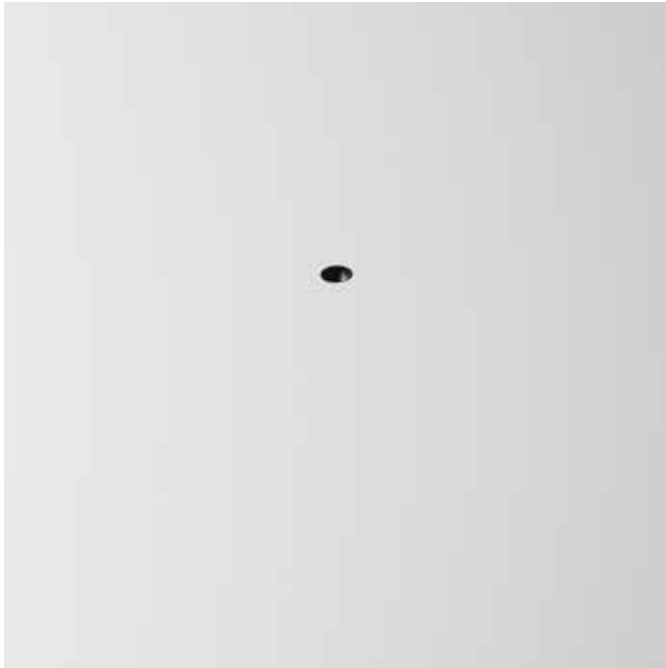
hedion 16 trim











hedion pro 16



hedion pro 38 trim



hedion pro 60 trim



hedion pro 80



Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 17°	Medium 34°	Wide 56°	Spot 15°	Medium 38°	Wide 56°	
							.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W	
Hedion Pro 16	◇																		
1 16 LED *	1x 7.6W 350lm 38, 44°	4.3250	4.3251	4.3252	4.3253		●			●	●								
2 16 Mounting ring	[required]					4.3254	●	●	●										
Hedion Pro 38	◇																		
1 38 LC LED *	1x 8.5W 500lm, 36°	4.3255					●	●	●	●	●	●							
1 38 HC LED **	1x 8.5W 500lm, 36°	4.3318	4.3256	4.3257	4.3258		●	●	●	●	●	●							
2 38 Mounting ring	[required]					4.3259	●	●	●										
Hedion Pro 60	◇																		
1 60 GU10	1x 50W GU10 QPAR16	4.3260					●	●	●										
2 60 LED	1x 11W 800lm	4.3262	4.3263	4.3264	4.3265		●	●	●	●	●	●	●	●	●				
3 60 Mounting ring	[required]					4.3266	●	●	●										
Hedion Pro 80	◇																		
1 80 LED	1x 15W 1100lm	4.3267	4.3268	4.3269	4.3270		●	●	●	●	●	●				●	●	●	
2 80 LED	1x 27W 2050lm	4.3271	4.3272	4.3273	4.3274		●	●	●	●	●	●				●	●	●	
3 80 Mounting ring	[required]					4.3275	●	●	●										
Hedion Pro Trim 16	◇																		
1 16 LED *	1x 7.6W 350lm, 44°	4.3276	4.3277	4.3278	4.3279		●	●	●	●	●								
Hedion Pro Trim 38	◇																		
1 38 LC LED *	1x 8.5W 500lm, 36°	4.3280					●	●	●	●	●	●							
1 38 HC LED **	1x 8.5W 500lm, 36°	4.3319	4.3281	4.3282	4.3283		●	●	●	●	●	●							
Hedion Pro Trim 60	◇																		
1 60 GU10	1x 50W GU10 QPAR16	4.3284					●	●	●										
2 60 LED	1x 11W 800lm	4.3286	4.3287	4.3288	4.3289		●	●	●	●	●	●	●	●	●				
Hedion Pro Trim 80	◇																		
1 80 LED	1x 15W 1100lm	4.3290	4.3291	4.3292	4.3293		●	●	●	●	●	●				●	●	●	
2 80 LED	1x 27W 2050lm	4.3294	4.3295	4.3296	4.3297		●	●	●	●	●	●				●	●	●	

● CR190

* drivers **do not pass** through the mounting hole

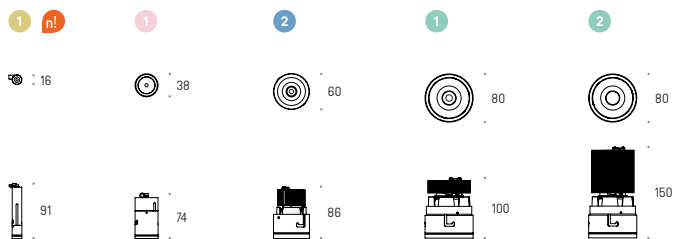
** On—Off driver **pass through** the mounting hole

● Black Anode

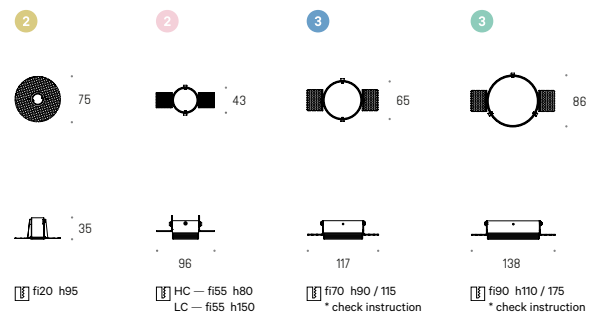
● interior Black Anode + frame color to choose



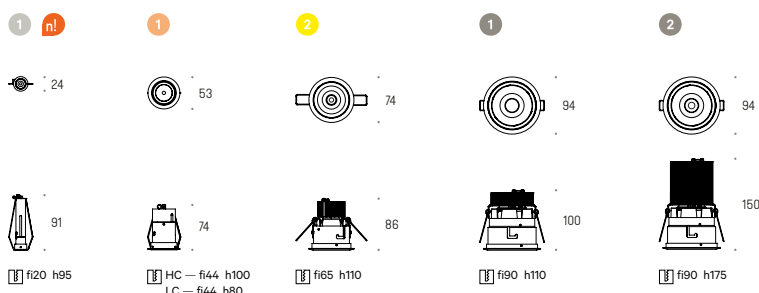
Hedion Pro



Hedion Pro — mounting rings



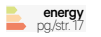
Hedion Pro Trim



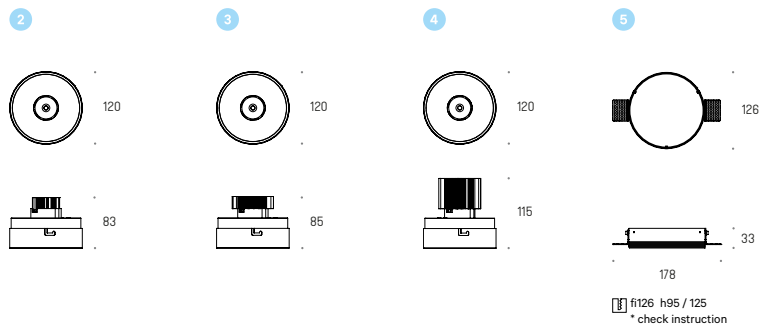


Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°	
							.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W	
Hedion 115																			
1	115 QR111 *	1x 50W QR-LP 111	4.2637				•	•	•										
2	115 edge.LED	1x 8W 510lm	4.2638	4.2551	4.2640	4.2639	•	•	•	•	•	•	•	•	•				
3	115 edge.LED	1x 15W 1200lm	4.2642	4.2552	4.2644	4.2643	•	•	•	•	•	•				•	•	•	
4	115 edge.LED	1x 27W 2000lm	4.2646	4.2553	4.2648	4.2647	•	•	•	•	•	•				•	•	•	
5	115 Mounting ring	[required]				4.2636	•	•	•										
Hedion Trim 115																			
1	115 QR111 *	1x 50W QR-LP 111	4.2650				•	•	•										
2	115 edge.LED	1x 8W 510lm	4.2651	4.2554	4.2653	4.2652	•	•	•	•	•	•	•	•	•				
3	115 edge.LED	1x 15W 1200lm	4.2655	4.2555	4.2657	4.2656	•	•	•	•	•	•				•	•	•	
4	115 edge.LED	1x 27W 2000lm	4.2659	4.2556	4.2661	4.2660	•	•	•	•	•	•				•	•	•	

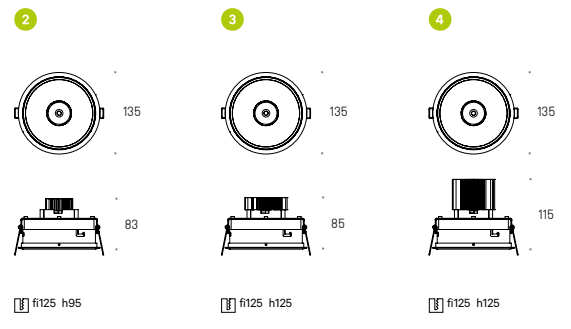
*12V — transformer not included



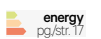
Hedion 115



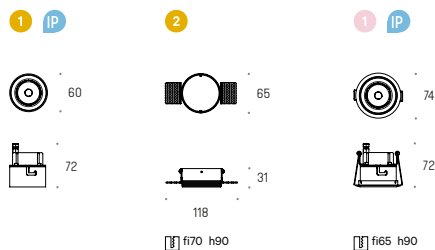
Hedion Trim 115



Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 18°	Medium 35°	Wide 55°
							.02	.03	.99	.927	.930	.940	.S	.M	.W
Hedion 60 IP65															
1	60 LED IP65	1x 10W 750lm	4.2512	4.2514	4.2513	4.2515	•	•	•	•	•	•	•	•	•
2	60 Mounting ring	[required]				9.1764	•	•	•						
Hedion Trim 60 IP65															
1	60 LED IP65	1x 10W 750lm	4.2517	4.2519	4.2518	4.2520	•	•	•	•	•	•	•	•	•



Hedion IP65 (waterproof)





Sulykarchitects

foi. Sulykarchitects

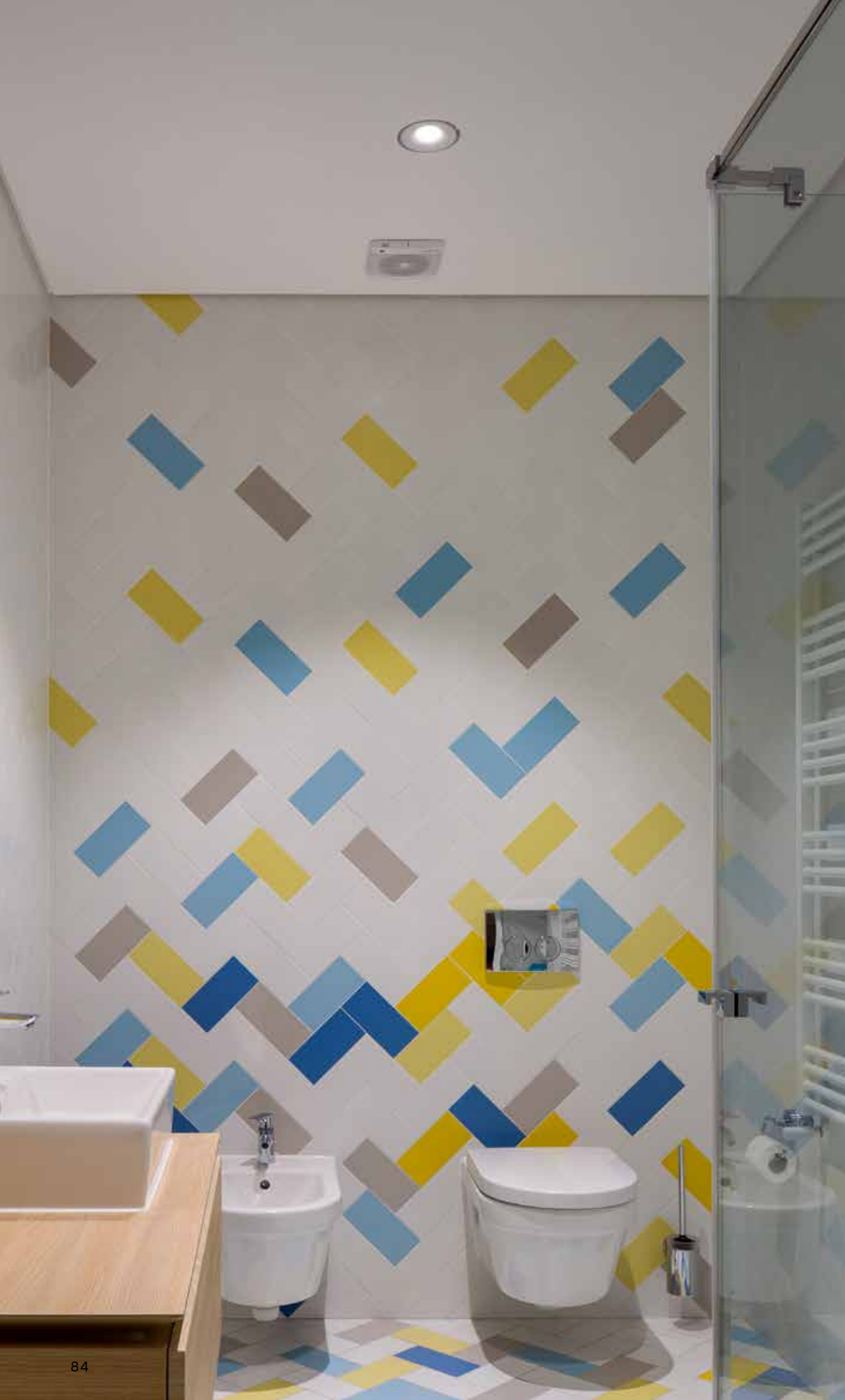
iner

iner

INER is a small, movable spotlight in the shape of a disk. The collection consists of two models with different diameters, offering integrated LED light sources also in the QR111 retrofit version. Thanks to a durable mechanism, we can tilt the reflector in different directions. Another advantage of this luminaire is very shallow installation, not exceeding 7.7 cm. High colour rendering index (CRI98) and a recessed light source guarantee visual comfort, while protecting one's eyes from an unpleasant glare. The use of an optional delicate frame around the luminaire makes installation much easier as it does not require precise dry-wall procedures. Iner features a DALI2 option that enables integration with modern smart home systems.







Sulykarchitects

fol. Ivan Avdeenko

iner

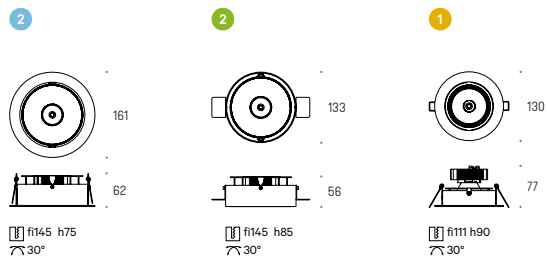
Model	On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°
Iner					.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W
1 12V x1 QR111 *	1x G53 QR-LP111	4.0196			•	•	•									
2 x1 edge.LED	1x 8W 510lm	4.0759	4.2873	4.1497	4.1496	•	•	•	•	•	•	•				
2 x1 edge.LED	1x 15W 1200lm	4.0762	4.2874	4.1499	4.1498	•	•	•	•	•				•	•	•
Iner Trimless																
1 12V x1 QR111 *	1x G53 QR-LP111	4.0215				•	•	•								
2 x1 edge.LED	1x 8W 510lm	4.0765	4.2875	4.1506	4.1505	•	•	•	•	•	•	•				
2 x1 edge.LED	1x 15W 1200lm	4.0766	4.2876	4.1508	4.1507	•	•	•	•	•				•	•	•

*12V — transformer not included

Model	On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 10°	Medium 17°	Wide 41°
Iner Midi					.02	.03	.99	.927	.930	.940	.S	.M	.W
1 Midi 1.0 G2	1x 15W 1200lm	4.1905	4.2877	4.1906	4.1907	•	•	•	•	•	•	•	•



Iner





Roma Kulczyk

fol. Krzysztof Zgola

lava

lava

Elegant and modern LAVA includes two versions of luminaires — surface-mounted and flush with the ceiling. The surface-mounted version is enclosed in a shallow, geometric luminaire which, thanks to its low height (only 67 mm), blends in well with the ceiling without dominating the interior. The recessed ceiling version is mounted on a rectangular or square plate which covers the mounting holes. The simple body houses hinged reflectors, thanks to which we can direct the light stream also to the sides. Lava has a very wide range of applications — from living spaces to offices and hotels.






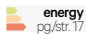


lava WP x1 / x2 trimless

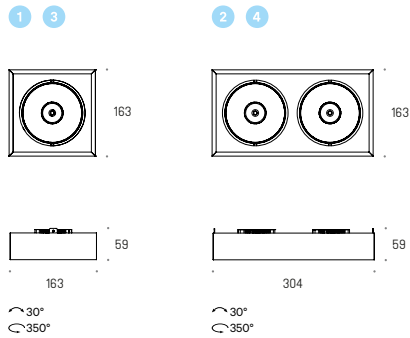


lava wp trimless

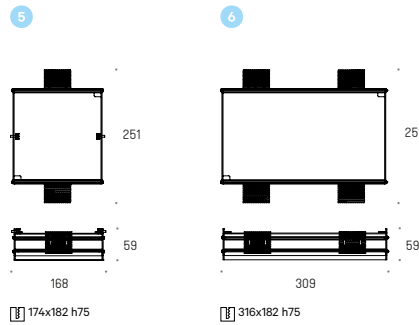
Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°	
							.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W	
Lava WP 																			
1	X1 edge.LED	1x 8W 510lm	4.1046	4.1057	4.1058	4.1056	•	•	•	•	•	•	•	•	•				
2	X2 edge.LED	2x 8W 510lm	4.1047	4.1063	4.1064	4.1062	•	•	•	•	•	•	•	•	•				
3	X1 edge.LED	1x 15W 1200lm	4.1048	4.1060	4.1061	4.1059	•	•	•	•	•	•				•	•	•	
4	X2 edge.LED	2x 15W 1200lm	4.1049	4.1066	4.1067	4.1065	•	•	•	•	•	•				•	•	•	
5	X1 Mounting frame	[required]				4.2100													
6	X2 Mounting frame	[required]				4.2101													
Lava NT QR111 																			
1	X1	1x 0-50W G53 QR-LP 111	3.0401				•	•	•										
2	X2	2x 0-50W G53 QR-LP 111	3.0402				•	•	•										
Lava NT edge.LED 																			
1	X1 edge.LED	1x 8W 510lm	3.0725				•	•	•	•	•	•	•	•	•				
2	X2 edge.LED	2x 8W 510lm	3.0726				•	•	•	•	•	•	•	•	•				



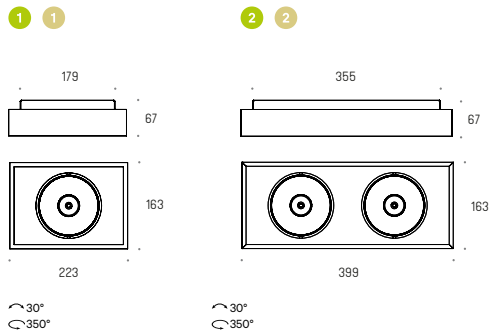
Lava WP



Lava WP — mounting frames



Lava NT





KAMA MUCHA

microsystem

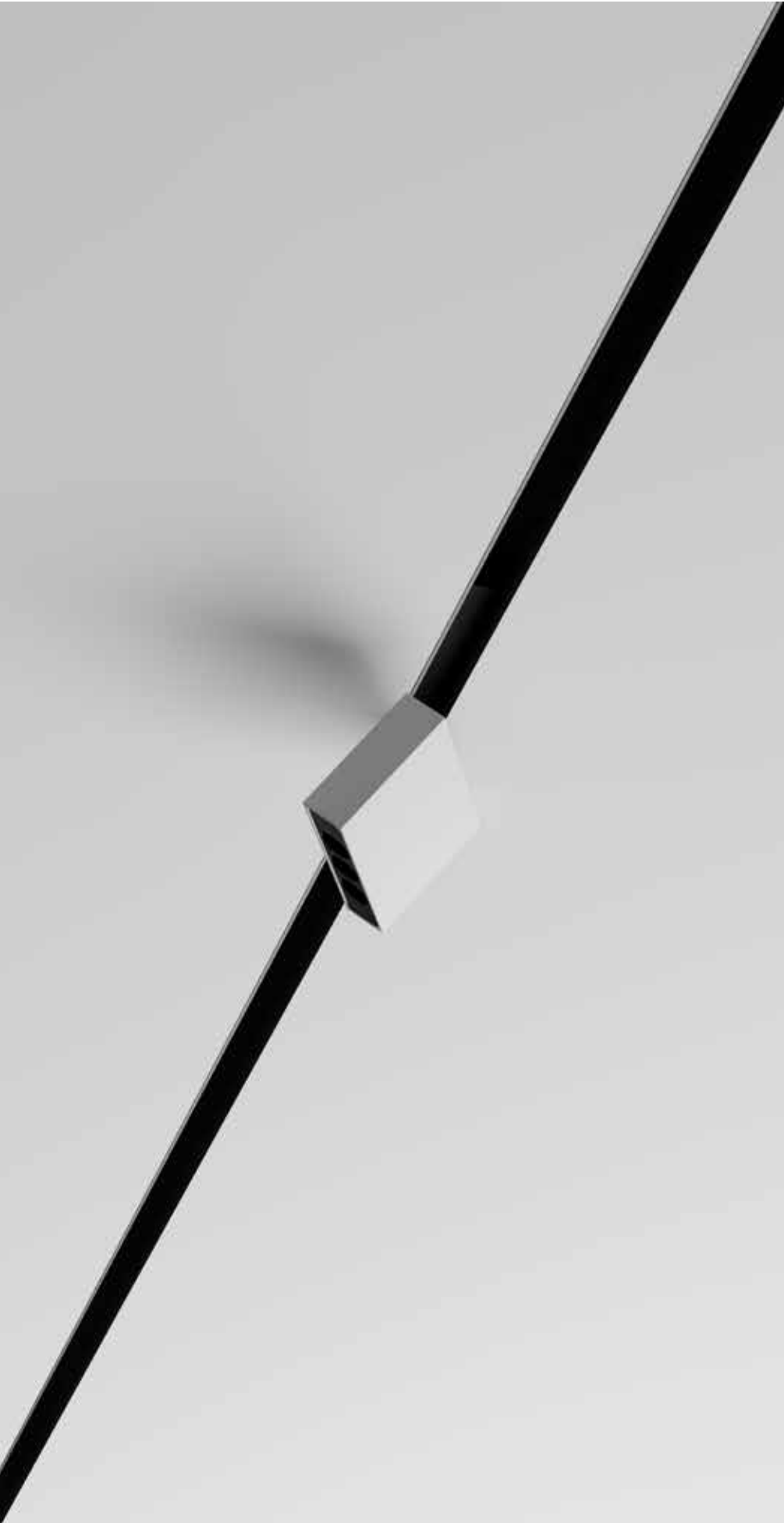
microsystem



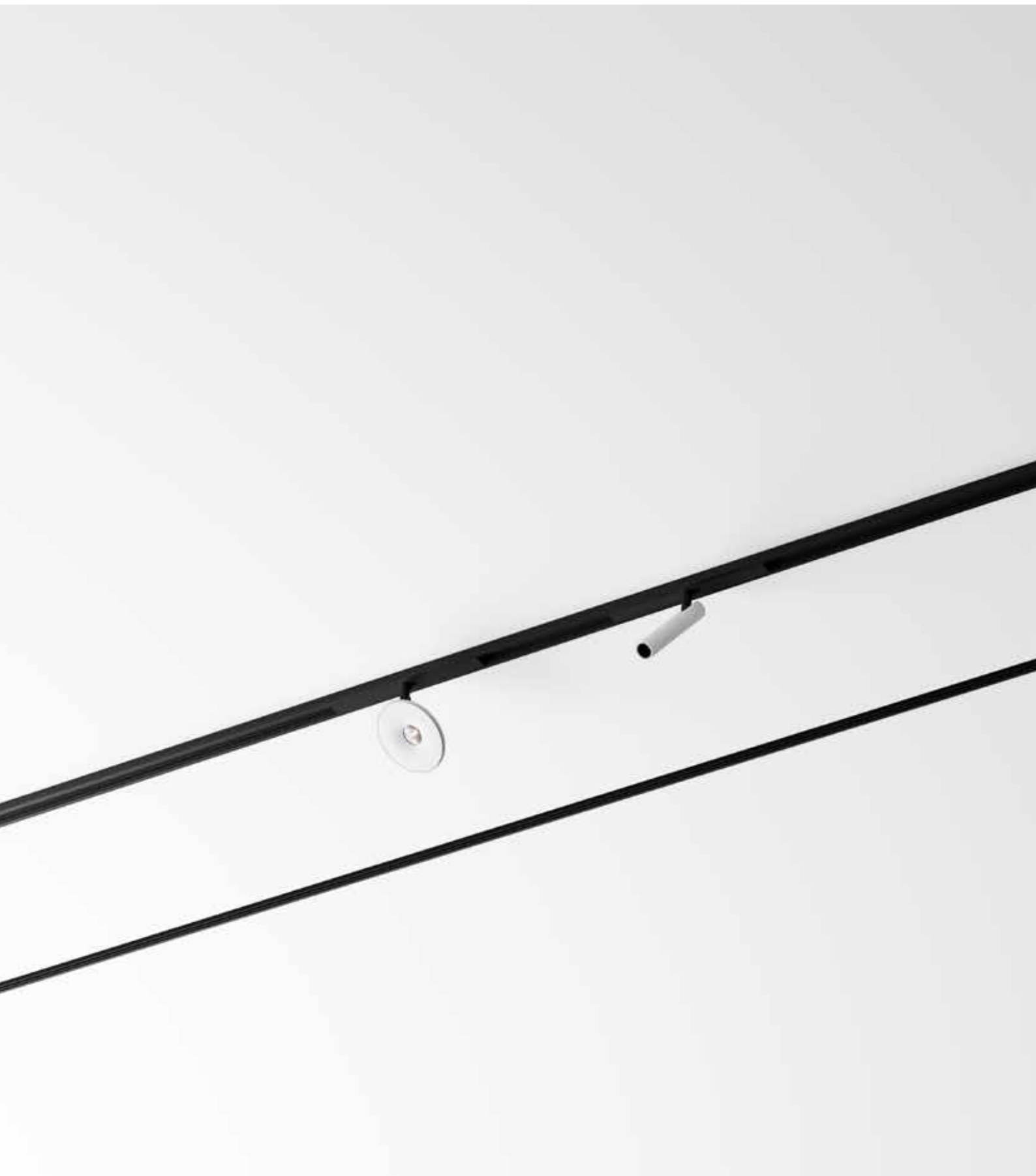
It is the smallest-of-the-range system solution based on an aluminium profile.

In the surface mounted version, the height is only 10.5 mm, while in the recessed version, it is the thickness of the gypsum board, thus giving the possibility of installation in interiors where a standard lowering of the ceiling is not possible. The modules that complete the system are also small in size: 3 spotlights and 1 pendant fixture with high luminous parameters (up to 600 lm from one fixture) ensuring high comfort of use.

The DALI system and the integrated 48V converter for each fixture offer the possibility to design lighting scenes tailored to individual needs, also by controlling each fixture separately.













track nt + AD 48V flato



track wp + AD 48V shift micro



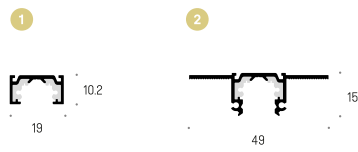
track wp + AD 48V stik 16.200 zw



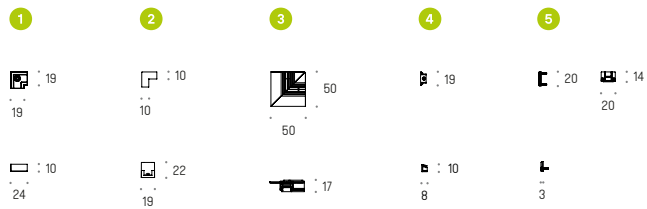
track nt + AD 48V stik pure 16

microsystem

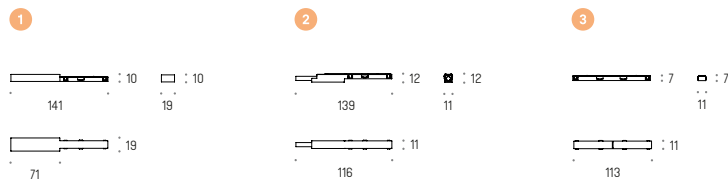
Microsystem — profiles



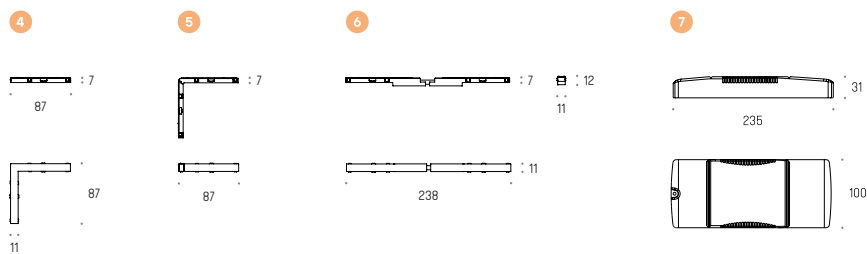
Microsystem — mechanical components



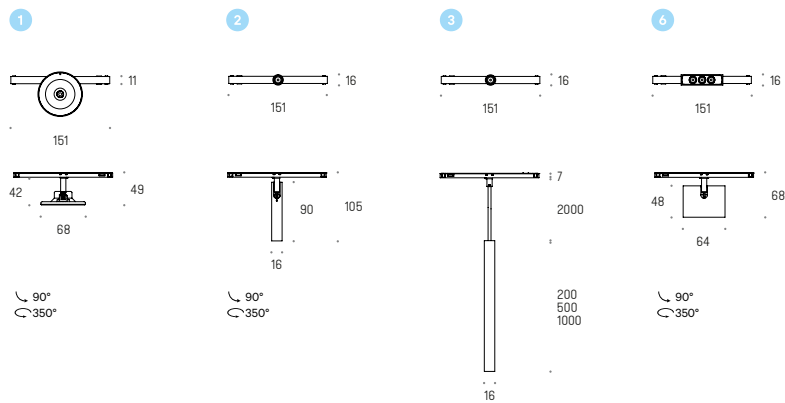
Microsystem — electrical components



Microsystem — electrical components



Microsystem — luminaires



Model	Main Components	DALI2	Black	White	Mixed	CRI98 2700K	CRI98 3000K	CRI98 4000K
			.02	.03	.99	.927	.930	.940
Microsystem 48V — Profiles								
1	Track NT 100cm (surface)	7.2900	●	●				
1	Track NT 200cm (surface)	7.2901	●	●				
2	Track WP 100cm (recessed)	7.2902	●					
2	Track WP 200cm (recessed)	7.2903	●					
Microsystem 48V — mechanical componenets								
1	mechanical Corner joint 90 Horizontal NT	7.2912	●	●				
2	mechanical Corner joint 90 Vertical NT	7.2913	●	●				
3	mechanical Corner joint 90 Horizontal WP	7.1893	●					
4	mechanical End cap NT	7.2911	●	●				
5	mechanical End cap WP	7.1894	●					
Microsystem 48V — electrical components								
1	electrical End Feed NT	7.2906	●					
2	electrical End Feed WP	7.2907	●					
3	electrical Linear connector NT/WP	7.2908	●					
4	electrical Corner connector 90 horizontal NT/WP	7.2909	●					
5	electrical Corner connector 90 vertical NT/WP	7.2910	●					
6	electrical Corner connector adjustable NT/WP	7.1895	●					
7	48V Driver 75W NT/WP	9.1877						
7	48V Driver 150W NT/WP	9.1878						
Microsystem 48V — Luminaires								
1	AD 48V Flato 7.4W 600lm, 46°	7.3667	●	●	●	●	●	●
2	AD 48V Stik Pure 16 5.6W 240lm, 42°	7.3668	●	●	●	●	●	●
3	AD 48V Stik 16.200 ZW 7.6W 310lm, 42°	7.3669	●	●	●	●	●	●
3	AD 48V Stik 16.500 ZW 7.6W 310lm, 42°	7.3670	●	●	●	●	●	●
3	AD 48V Stik 16.1000 ZW 7.6W 310lm, 42°	7.3671	●	●	●	●	●	●
4	AD 48V Shift Micro 3x1 7.8W 530lm, 42°	7.3672	●	●	●	●	●	●

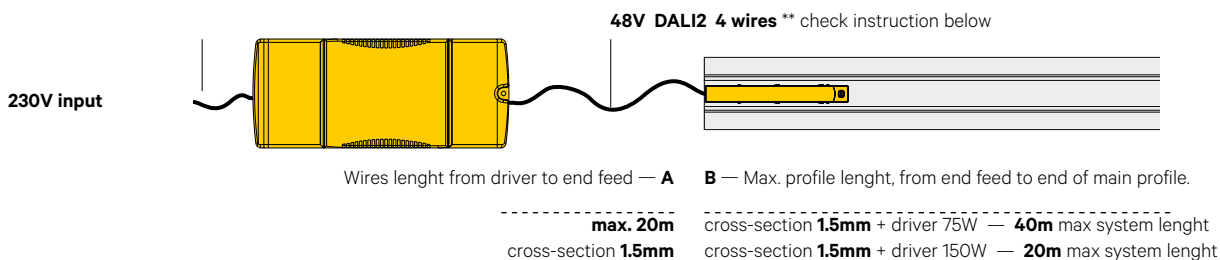
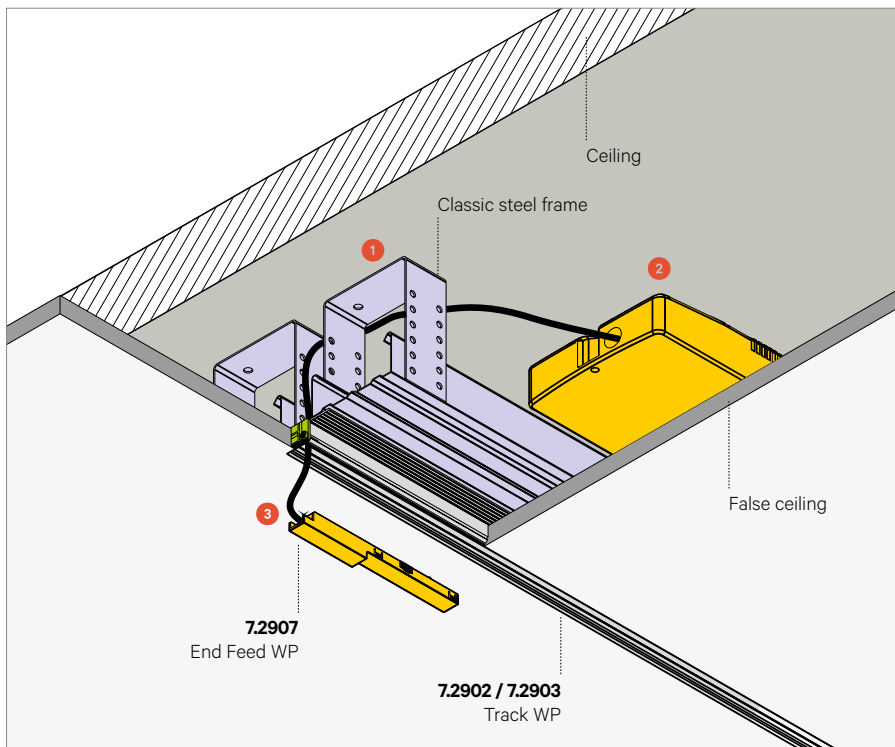
- .02 — Black Anode
- .02 — Black fine structure RAL9005
- .03 — White fine structure RAL9016
- CRI90



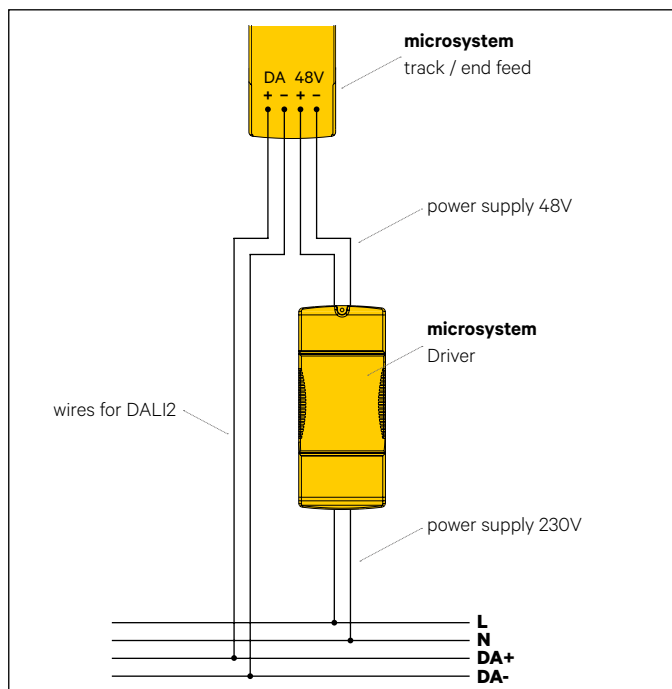


Alternative recessed mounting

- 1 The Microsystem WP profile can also be installed in the classic manner, on a standard structure using plasterboard – on condition, of course, that there is sufficient height between the ceiling and the suspended ceiling. In this option, the WP profile is screwed to the steel frame.
- 2 The power supply can be placed right next to the recessed profile or at a distance, but always make sure there is adequate access to it.
- 3 The other (mechanical and electrical) components of the system are used in exactly the same way as when mounting the profile directly on the ceiling (page 106).



Electric diagram DALI2



Technical info 48V

Max. working temperature: **70°C**
 Ambient temperature: **25°C**
 Voltage: **0-60V DC**
Class III, SELV

The system is intended for use **ONLY** with safe voltage >60V DC. System available only in DALI version, it requires usage of **4 wires (2 for 48V power supply + 2 for DALI control)**

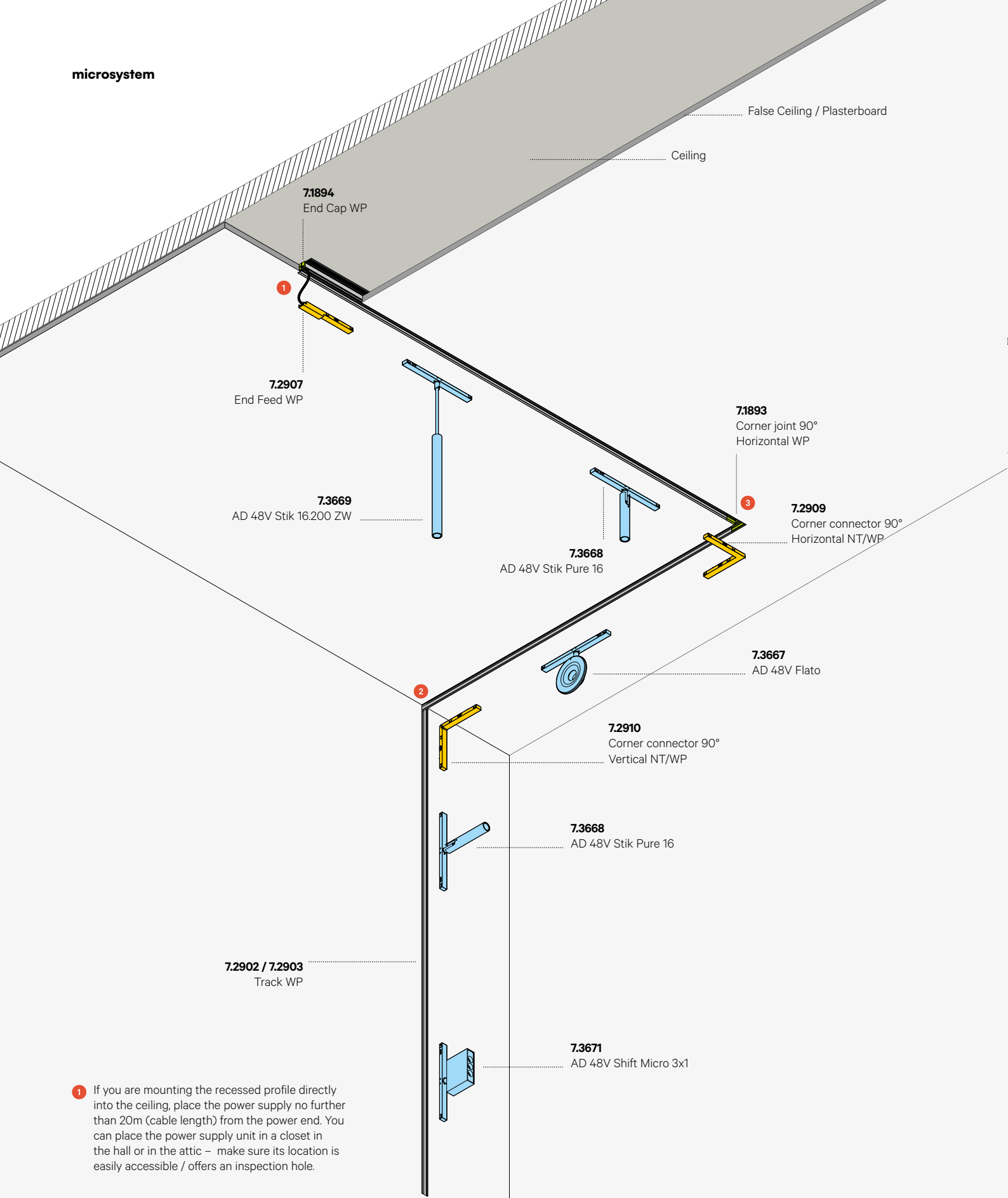
Dimming control requires the simultaneous use of one of the 48V power supplies + DALI2 gate and luminaires marked as DALI2 versions - each luminaire can be addressed separately.

Choosing a driver

LABRA recommends using the 48V drivers listed in this catalog, but it is not forbidden to use other 48V power supplies, provided the technical conditions are met.

For trouble-free operation of the system, we recommend that the fittings used do not exceed in total **90%** of the power supply used, e.g.

- 1. Driver 75W | Flato 7.4W x 9 szt. = 67W
- 2. Driver 150W | Shift Micro 3x1 7.8W x 17 szt. = 133W



False Ceiling / Plasterboard

Ceiling

7.1894
End Cap WP

1

7.2907
End Feed WP

7.3669
AD 48V Stik 16.200 ZW

7.1893
Corner joint 90°
Horizontal WP

3

7.2909
Corner connector 90°
Horizontal NT/WP

7.3668
AD 48V Stik Pure 16

7.3667
AD 48V Flato

2

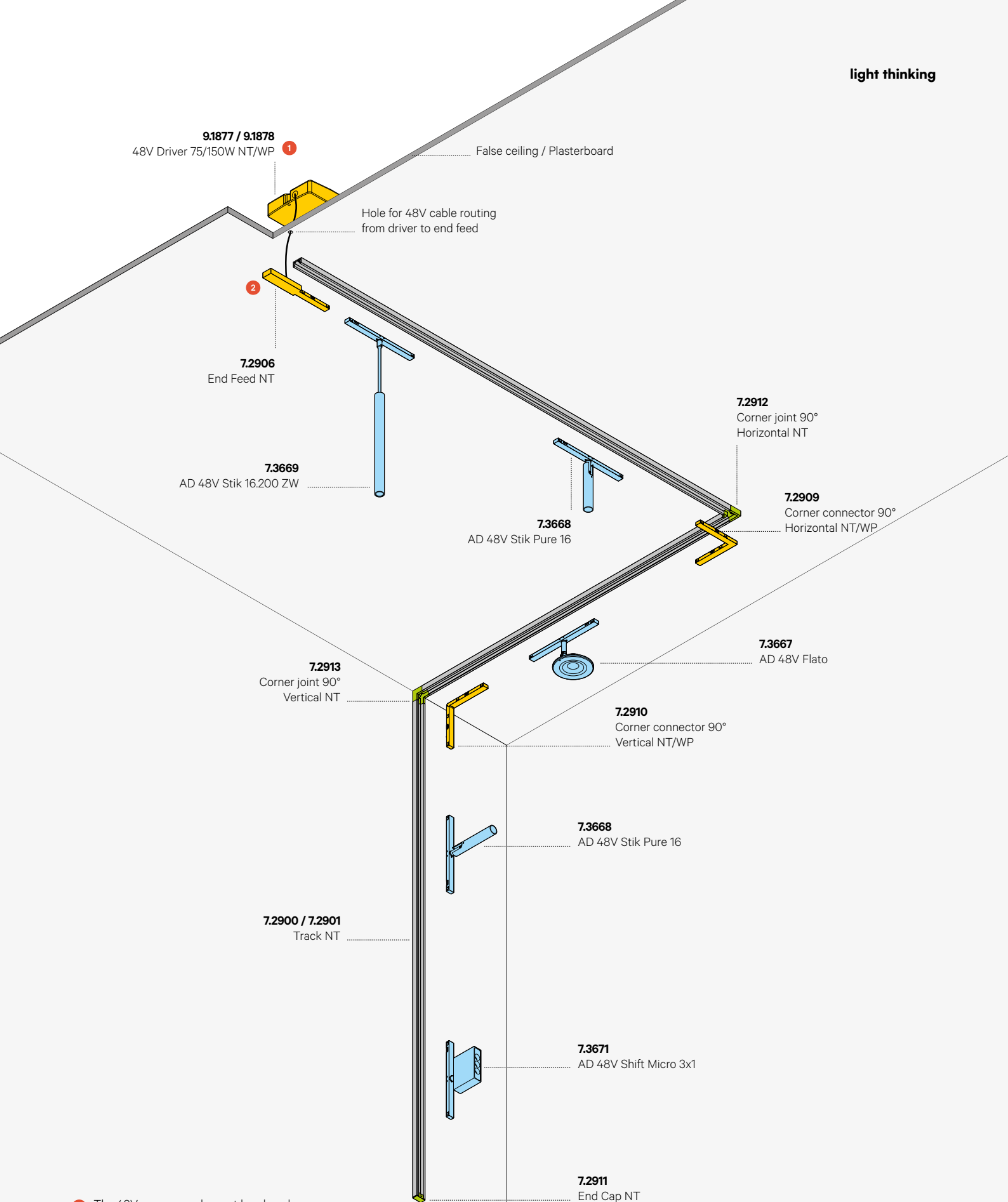
7.2910
Corner connector 90°
Vertical NT/WP

7.3668
AD 48V Stik Pure 16

7.2902 / 7.2903
Track WP

7.3671
AD 48V Shift Micro 3x1

- 1 If you are mounting the recessed profile directly into the ceiling, place the power supply no further than 20m (cable length) from the power end. You can place the power supply unit in a closet in the hall or in the attic – make sure its location is easily accessible / offers an inspection hole.
- 2 The ceiling-to-wall angle joint is created by butt jointing two WP profiles together. No additional mechanical coupling is required.
- 3 The WP horizontal angle joint requires a suitable element. Also keep in mind that the mounting hole will need to be larger than the visible dimension of the profile once it is finally installed. Make sure to read the installation instructions.



- 1** The 48V power supply must be placed, e.g., on the ceiling, or possibly in a closet in the adjacent room. Remember to place it close to the inspection opening.
- 2** The power end goes directly into the rail only halfway. The other half projects beyond the profile and is an extension of it. Keep this in mind when planning your system.



Design Studio Yuriy Zimenko

fol. Andrey Avdeenko

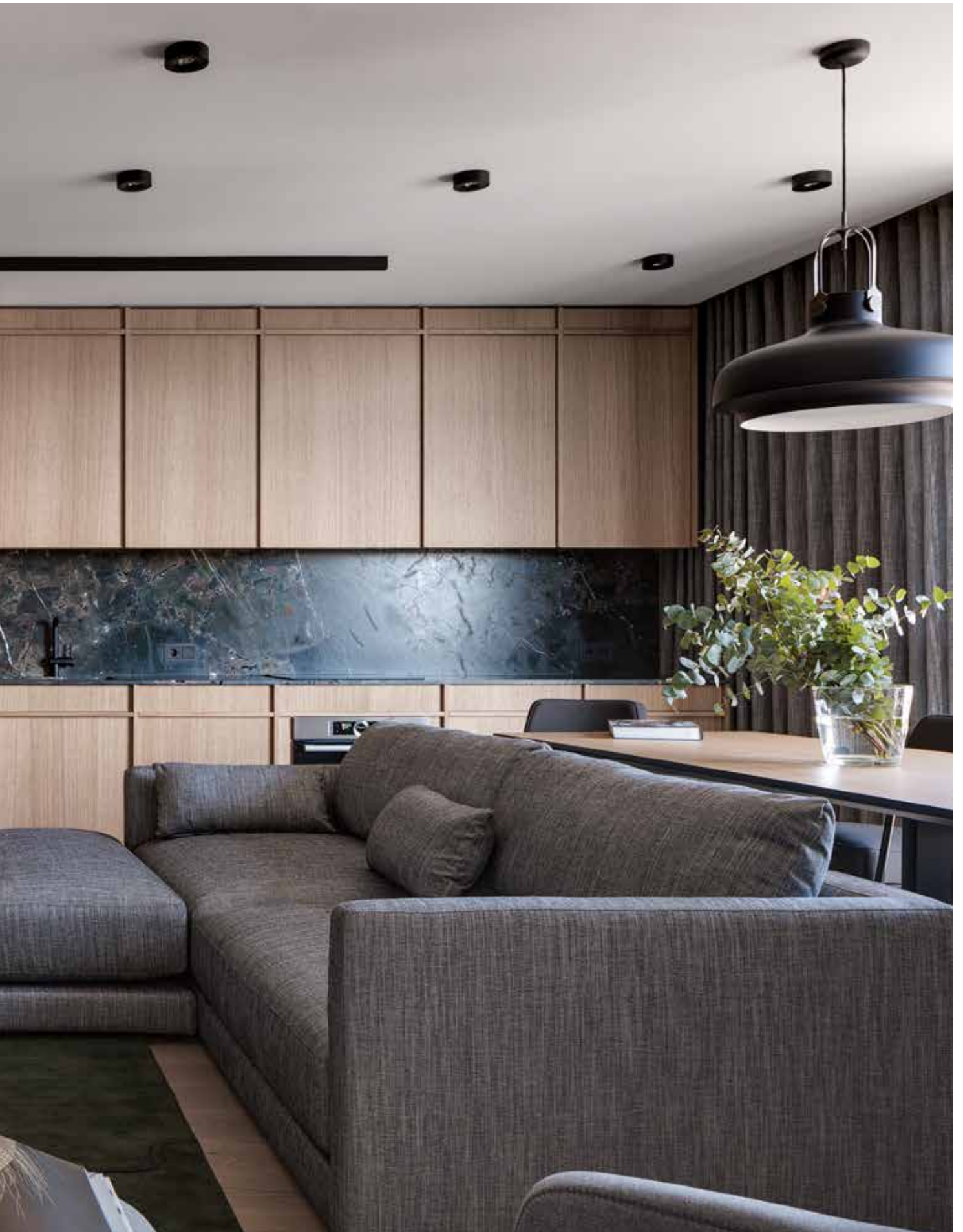
mono

mono



Simple in its form, the MONO spotlight has been designed in a disc shape with white or black filling in its centre. The surface-mounted lamp in the Low version is only 46 mm high, which gives it an unprecedented lightness and elegance — importantly, there are no visible mounting holes. In the Mono Move model, a fixed circular base connects to the movable part of the spotlight, allowing it to illuminate different parts of the room, including the ceiling. Mono is also available with an adapter suitable for mounting in a power rail. All Mono models feature an integrated 800 lm LED module with the option to select a desirable light colour.





mono



mono NT





KAMA MUCHA

for. Krzysztof Zgola

light thinking



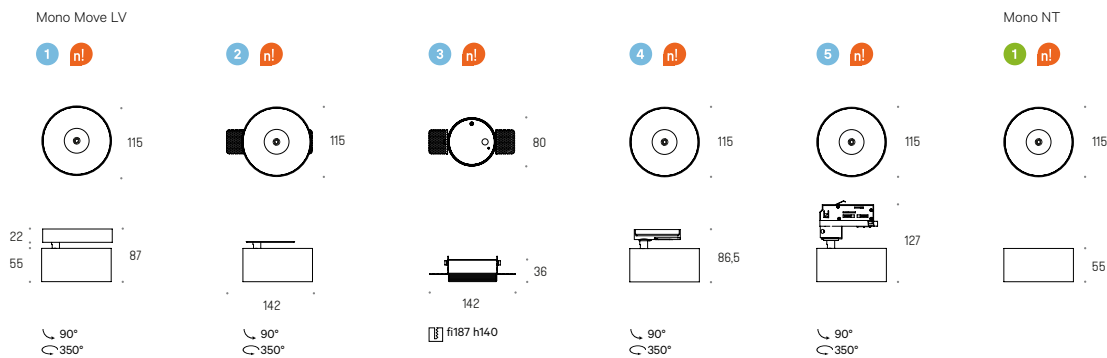


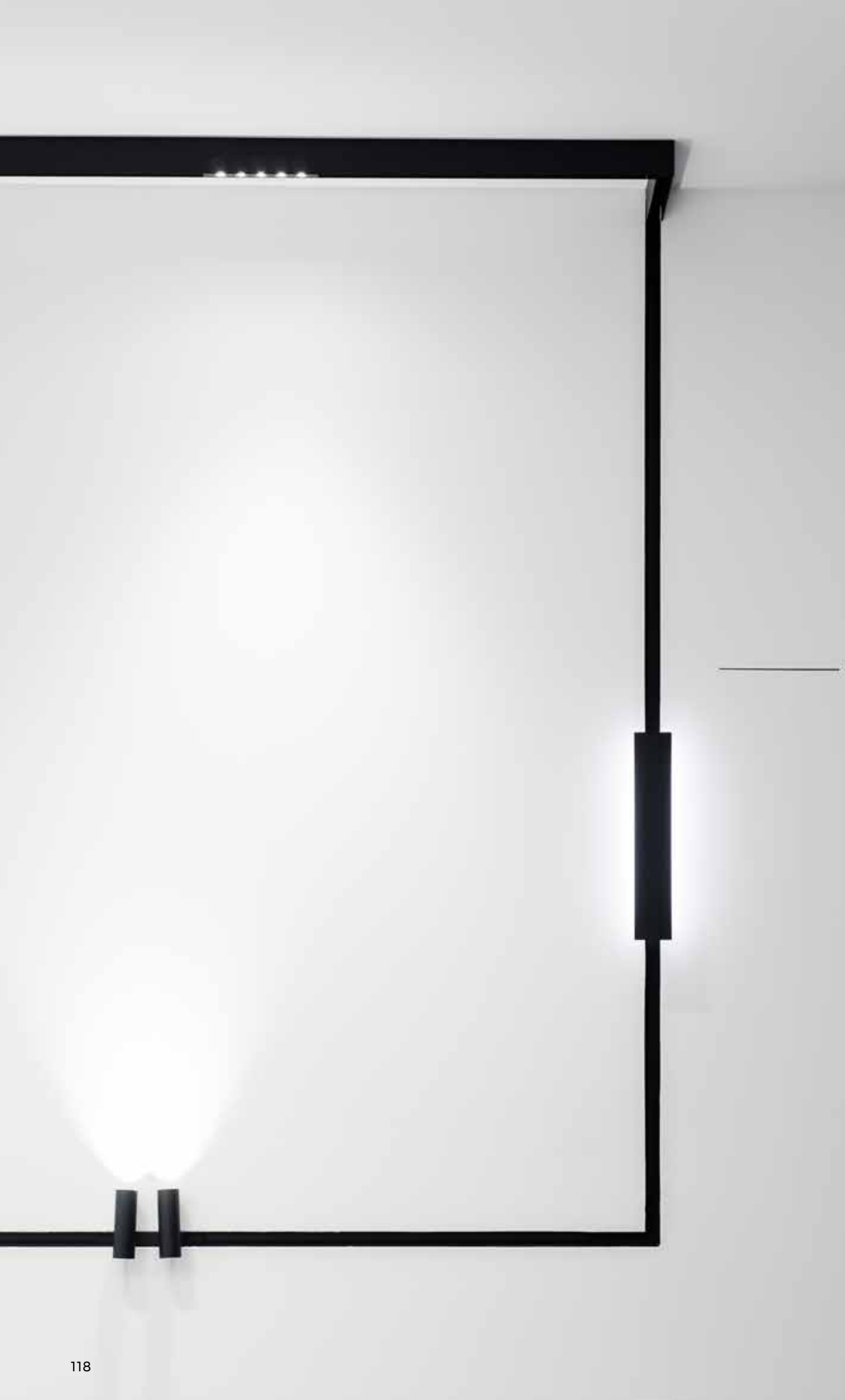
mono move NT / ad 3F





Model	On-Off	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K
			.02	.03	.99	.927	.930	.940
Mono Move ⊕								
1	Mono Move LV NT	1x 10W 840lm, 45°	2.2886	•	•	•	•	•
2	Mono Move LV WP	1x 10W 840lm, 45°	4.2887	•	•	•	•	•
3	Mono Move Mounting frame	[required]	4.2894	•	•	•	•	•
4	Mono Move LV AD 1F	1x 10W 840lm, 45°	7.2888	•	•	•	•	•
5	Mono Move LV AD 3F	1x 10W 840lm, 45°	7.2889	•	•	•	•	•
Mono ⊕								
1	Mono LV NT	1x 10W 840lm, 45°	3.2885	•	•	•	•	•





multisystem evo G.2



system

Multisystem is a modern lighting solution based on aluminium profiles, equipped with integrated electric wires for safe voltage of 48V, thanks to which the system is safe even for an inexperienced user.

The luminaires can be freely rearranged and moved between different sections and types of profiles — this makes the system extremely flexible in terms of shaping the light in the interior. If the function of the interior is reorganised, the luminaires can be quickly moved to the desired location. Installation of the luminaires only

requires clicking them into the profile — no tightening, adjusting, etc. is required.

All luminaires in the system are equipped with an integrated 48V converter — however they require a separate central power supply, either flush or in a special box covering the power supply.

Luminaires and power supplies are available in an On-Off version or with a full DALI2 control system. With special converters which the luminaires are equipped with, each luminaire can be addressed separately.



Chabannaya Nadya

fol. Yevhenii Avramenko

multisystem



AD 48V stik 35x1 / shift on 3x1 / line in 567



AD 48V line in points 567 — mounting without tools



AD 48V stik on 25x1 + track WP



AD 48V line in + track NT



AD 48V shift in 5x1 + track WP

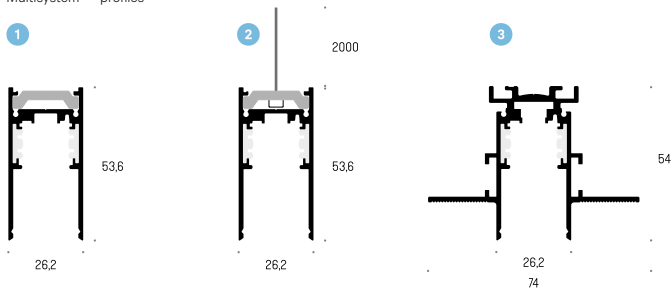


AD 48V shift on 3x1 + track NT

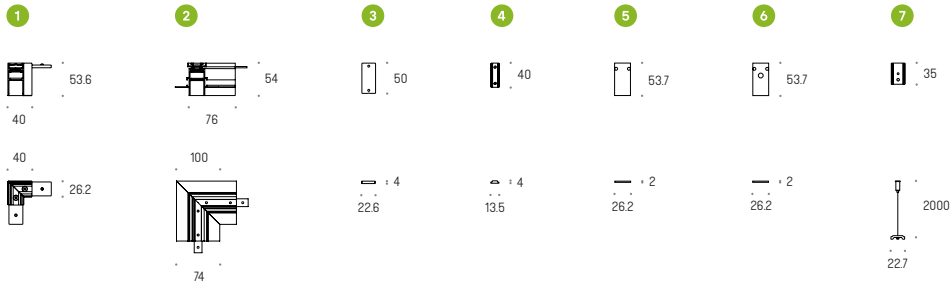


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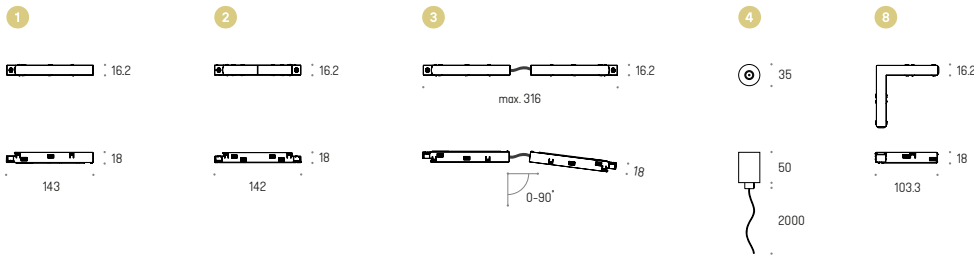
Multisystem — profiles



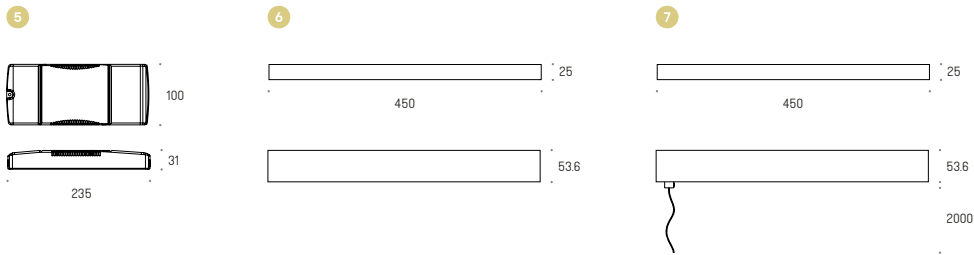
Multisystem — mechanical components



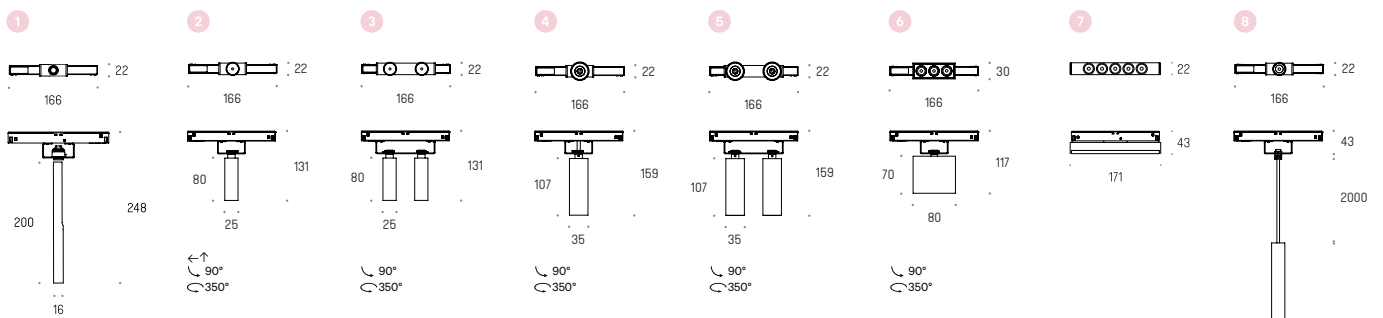
Multisystem — electrical components



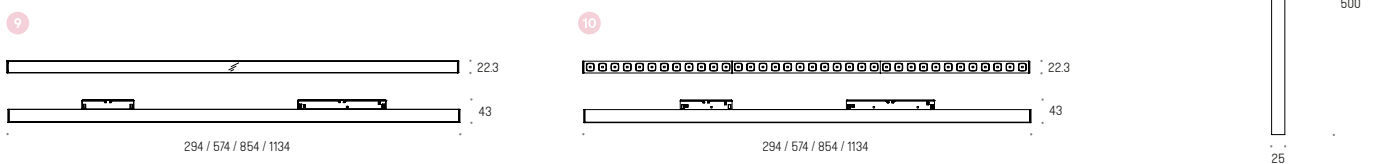
Multisystem — drivers



Multisystem — luminaires



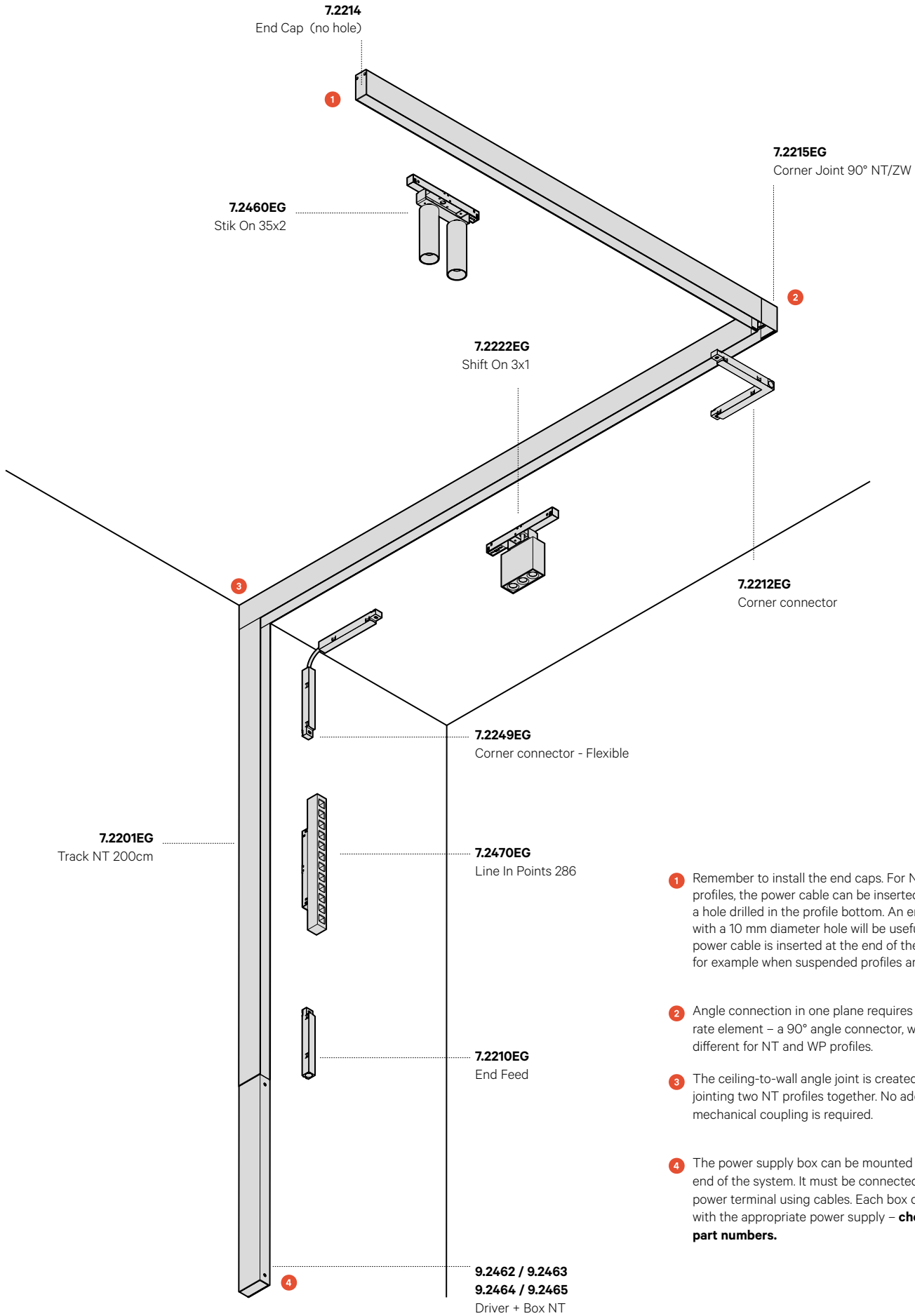
Multisystem — luminaires



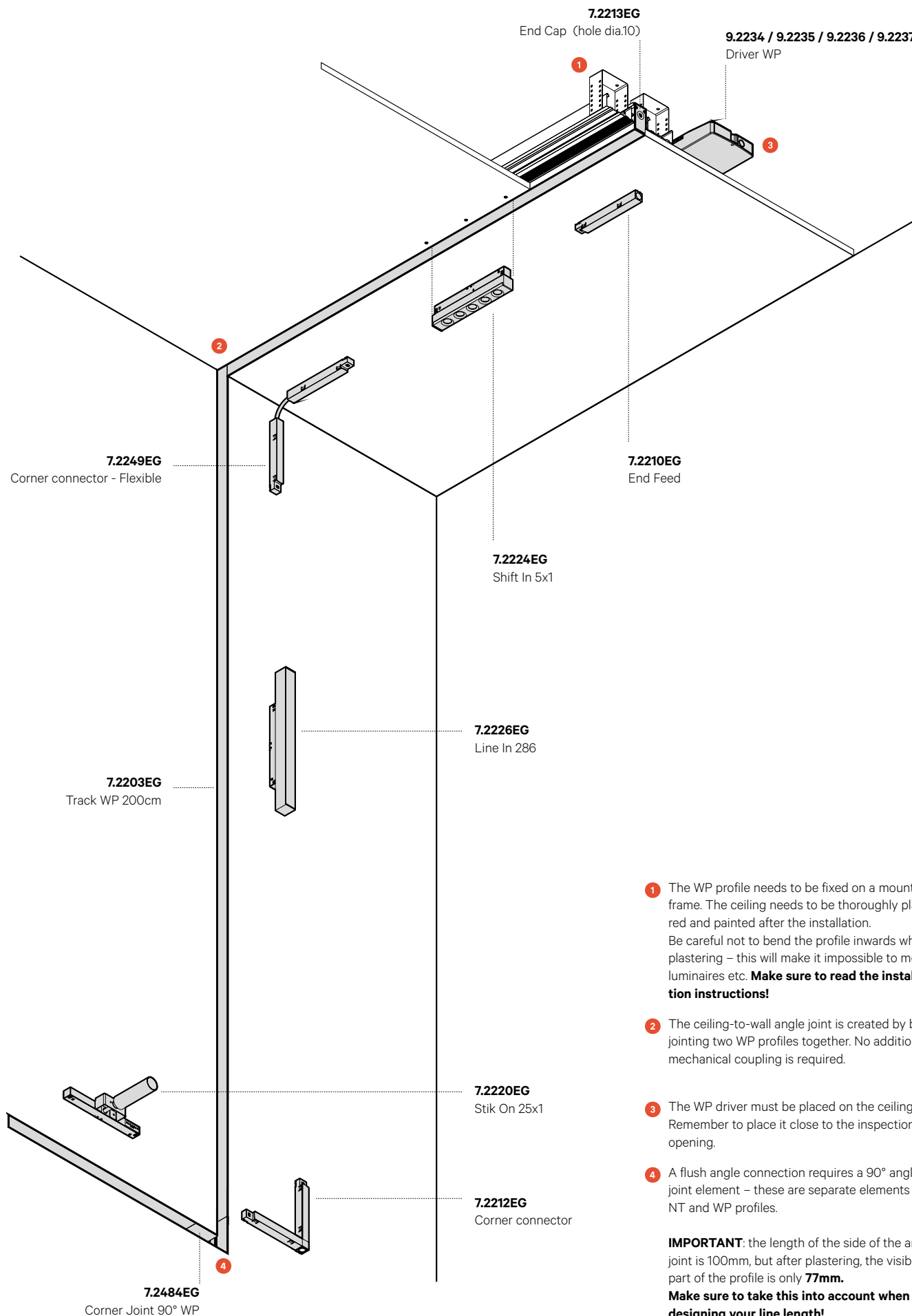
Model	Main components	On—Off	Switch Dim / DALI2	Accessories	Black	White	Mixed	CRi98 2700K	CRi98 3000K	CRi98 4000K
					.02	.03	.99	.927	.930	.940
Multisystem Evo G2 48V — Profiles										
1	48V Track NT 100cm (surface)	7.2200EG			●	●				
1	48V Track NT 200cm (surface)	7.2201EG			●	●				
2	48V Track ZW 100cm (suspended)	7.2204EG			●	●				
2	48V Track ZW 200cm (suspended)	7.2205EG			●	●				
3	48V Track WP 100cm (recessed-trimless)	7.2202EG			●					
3	48V Track WP 200cm (recessed-trimless)	7.2203EG			●					
Multisystem Evo G2 48V — mechanical components										
1	mechanical Corner Joint 90 Surface/Suspended NT/ZW			7.2215EG	●	●				
2	mechanical Corner Joint 90 Recessed WP			7.2484EG	●					
3	mechanical Linear Joint Surface/Suspended NT/ZW			7.2245EG						
4	mechanical Linear Recessed			7.2218EG	●					
5	mechanical End Cap NT/ZW/WP			7.2214EG	●	●				
6	mechanical End Cap (with hole dia.10) NT/ZW/WP			7.2213EG	●	●				
7	mechanical Pendant mounting			7.2216EG						
Multisystem Evo G2 48V — electrical components										
1	electrical End Feed			7.2210EG	●	●				
2	electrical Linear joint			7.2211EG	●	●				
3	electrical Corner Joint Flexible			7.2249EG	●	●				
4	electrical Suspended Power Feed			7.2217EG	●	●				
5	48V Driver 75W Recessed	9.2234EG	9.2235EG							
5	48V Driver 150W Recessed	9.2236EG	9.2237EG							
6	48V Driver + Box NT 75W Surface	9.2462EG	9.2464EG		●	●	●			
6	48V Driver + Box NT 150W Surface	9.2463EG	9.2465EG		●	●	●			
7	48V Driver + Box ZW 75W Suspended	9.2466EG	9.2468EG		●	●	●			
7	48V Driver + Box ZW 150W Suspended	9.2467EG	9.2469EG		●	●	●			
8	electrical Corner joint			7.2212EG	●	●				
Multisystem Evo G2 48V — luminaires										
1	AD 48V Stik 16 SP 1x 7.8W 270lm, 38°	7.3362EG	7.3363EG		●	●	●	●	●	
2	AD 48V Stik On 25x1 1x 4.5W 300lm, 43°	7.2220EG	7.2221EG		●	●	●	●	●	●
3	AD 48V Stik On 25x2 2x 4.5W 300lm, 43°	7.2458EG	7.2459EG		●	●	●	●	●	●
4	AD 48V Stik On 35x1 1x 6W 600lm, 44°	7.2232EG	7.2233EG		●	●	●	●	●	●
5	AD 48V Stik On 35x2 2x 6W 600lm, 44°	7.2460EG	7.2461EG		●	●	●	●	●	●
6	AD 48V Shift On 3x1 6W 450lm, 47°	7.2222EG	7.2223EG		●	●	●	●	●	●
7	AD 48V Shift In 5x1 10W 700lm, 47°	7.2224EG	7.2225EG		●	●	●	●	●	●
8	AD 48V Stik 25.500 ZW 1x 4.5W 300lm, 43°	7.2480EG	7.2481EG		●	●	●	●	●	●
9	AD 48V Line In 286 6W 490lm	7.2226EG	7.2227EG		●			●	●	●
9	AD 48V Line In 567 12W 1000lm	7.2228EG	7.2229EG		●			●	●	●
9	AD 48V Line In 847 18W 1500lm	7.2238EG	7.2239EG		●			●	●	●
9	AD 48V Line In 1128 24W 2000lm	7.2240EG	7.2241EG		●			●	●	●
10	AD 48V Line In Points 286 5.6W 420lm	7.2470EG			●			●	●	
10	AD 48V Line In Points 567 10W 840lm	7.2472EG			●			●	●	
10	AD 48V Line In Points 847 15.5W 1250lm	7.2474EG			●			●	●	
10	AD 48V Line In Points 1128 18.5W 1500lm	7.2476EG			●			●	●	

- .02 — Black Anode
- .02 — Black fine structure RAL9005
- .03 — White fine structure RAL9016
- CRI90





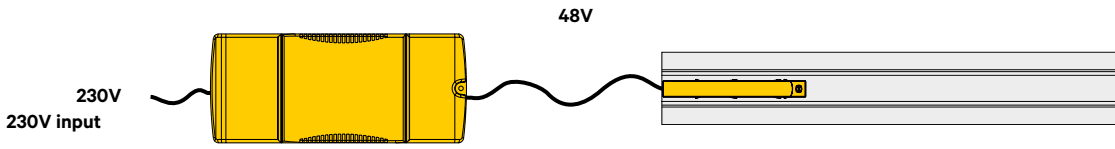
- 1 Remember to install the end caps. For NT / WP profiles, the power cable can be inserted through a hole drilled in the profile bottom. An end cap with a 10 mm diameter hole will be useful if the power cable is inserted at the end of the profile, for example when suspended profiles are used.
- 2 Angle connection in one plane requires a separate element – a 90° angle connector, which is different for NT and WP profiles.
- 3 The ceiling-to-wall angle joint is created by butting two NT profiles together. No additional mechanical coupling is required.
- 4 The power supply box can be mounted at either end of the system. It must be connected to the power terminal using cables. Each box comes with the appropriate power supply – **check the part numbers.**



- 1 The WP profile needs to be fixed on a mounting frame. The ceiling needs to be thoroughly plastered and painted after the installation. Be careful not to bend the profile inwards when plastering – this will make it impossible to mount luminaires etc. **Make sure to read the installation instructions!**
- 2 The ceiling-to-wall angle joint is created by butt jointing two WP profiles together. No additional mechanical coupling is required.
- 3 The WP driver must be placed on the ceiling. Remember to place it close to the inspection opening.
- 4 A flush angle connection requires a 90° angle joint element – these are separate elements for NT and WP profiles.

IMPORTANT: the length of the side of the angle joint is 100mm, but after plastering, the visible part of the profile is only **77mm**. **Make sure to take this into account when designing your line length!**

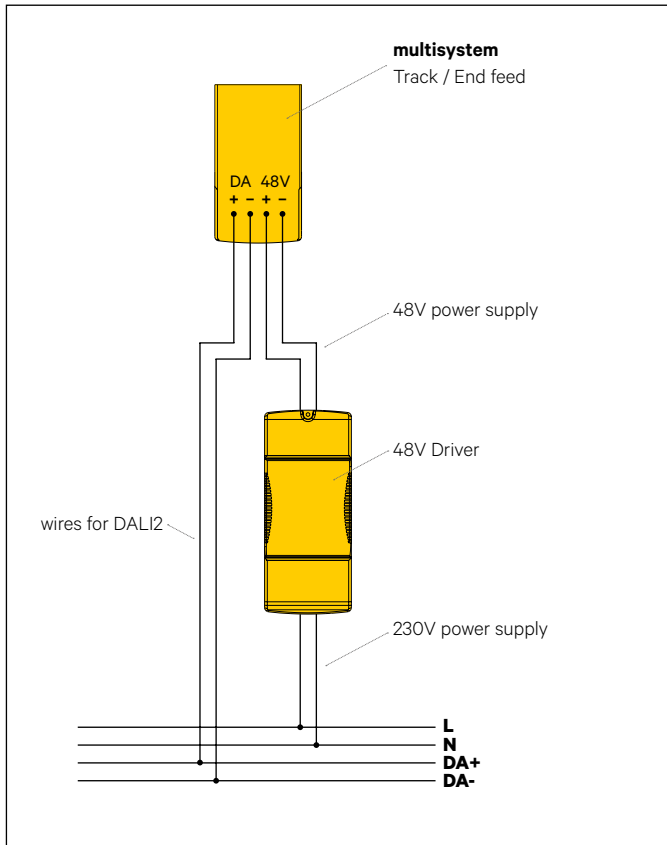
multisystem



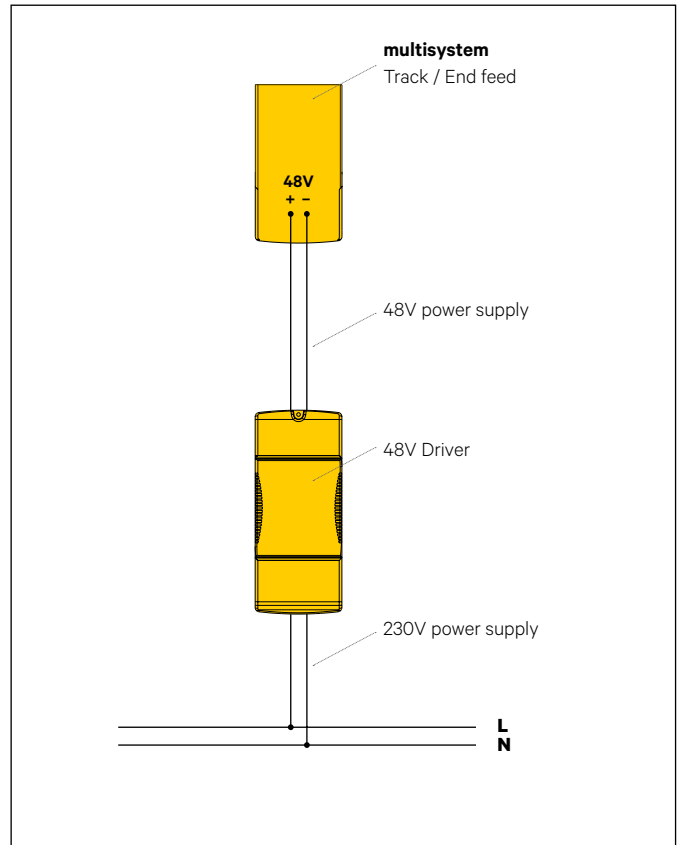
Wires lenght from driver to end feed — **A** **B** — Max. profile lenght, from end feed to end of main profile.

max. 20m cross-section **1.5mm** + driver 75W — **40m** max system lenght
cross-section **1.5mm** cross-section **1.5mm** + driver 150W — **20m** max system lenght

Electric diagram DALI2



Electric diagram On-Off



Technical info 48V

Max. working temperature: **70°C**
Ambient temperature: **25°C**
Voltage: **0-60V DC**
Class III, SELV

The system is designed to be used **ONLY** under safe voltage > 60V DC. On-Off power supply takes place with two wires, while power supply and DALI2 dimming requires **4 wires (2 power 48V + 2 control DALI2)**

Dimming control requires the simultaneous use of one of the 48V power supplies + DALI2 gate and luminaires marked as DALI2 versions - each luminaire can be addressed separately.

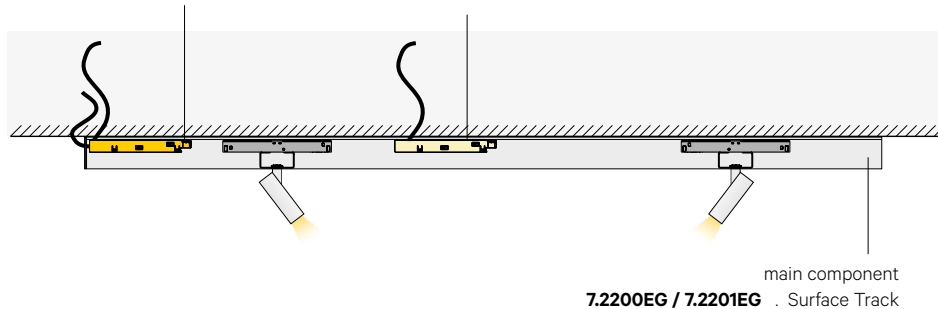
Choosing a driver

LABRA recommends using the 48V drivers listed in this catalog, but it is not forbidden to use other 48V power supplies, provided the technical conditions are met.

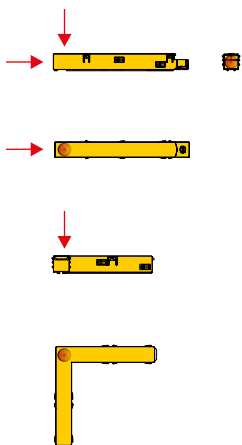
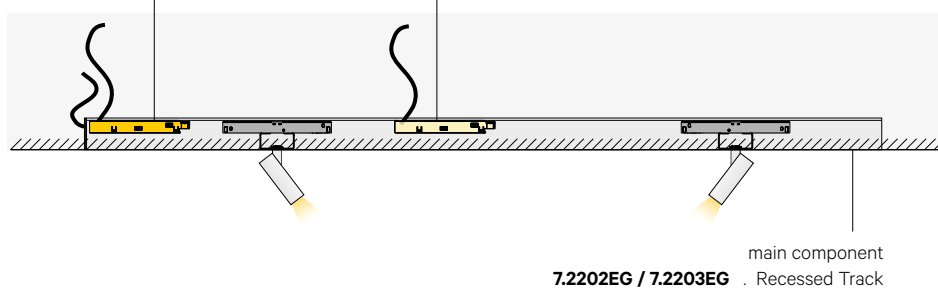
For trouble-free operation of the system, we recommend that the fittings used do not exceed in total **90%** of the power supply used, eg.

1. Driver 75W | Line In 567 12W x 5 szt. = 60W
2. Driver 150W | Line In 567 12W x 11 szt. = 132W

electrical
7.2210EG . End Feed



electrical
7.2210EG . End Feed



7.2210EG . End Feed 48V

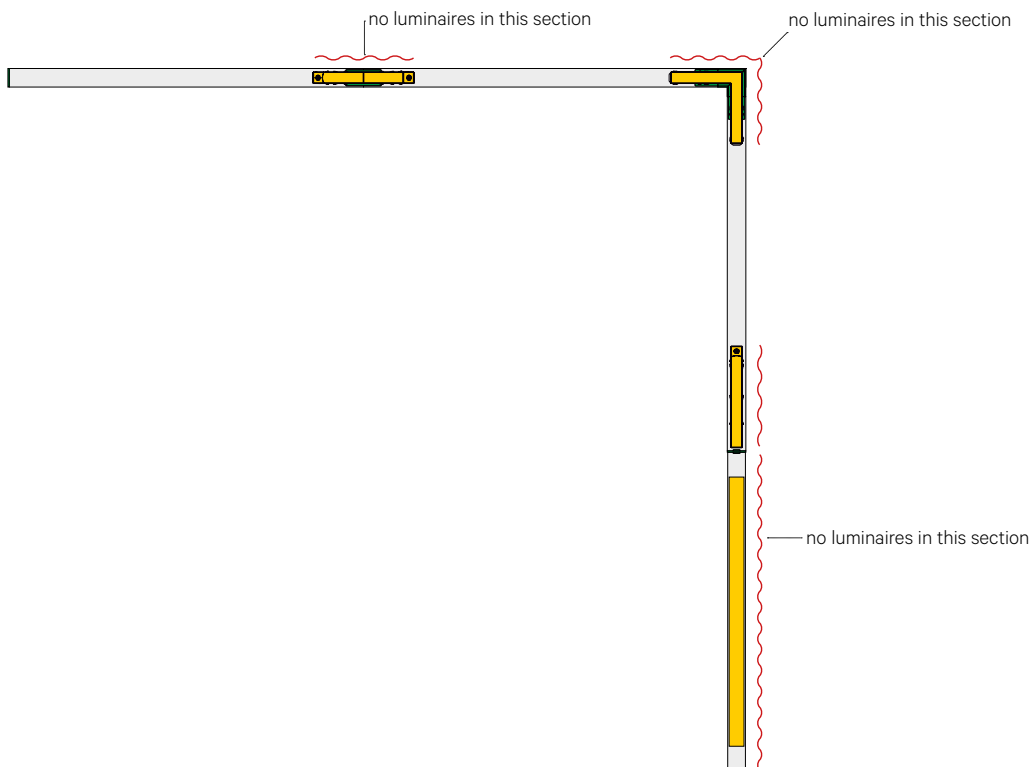
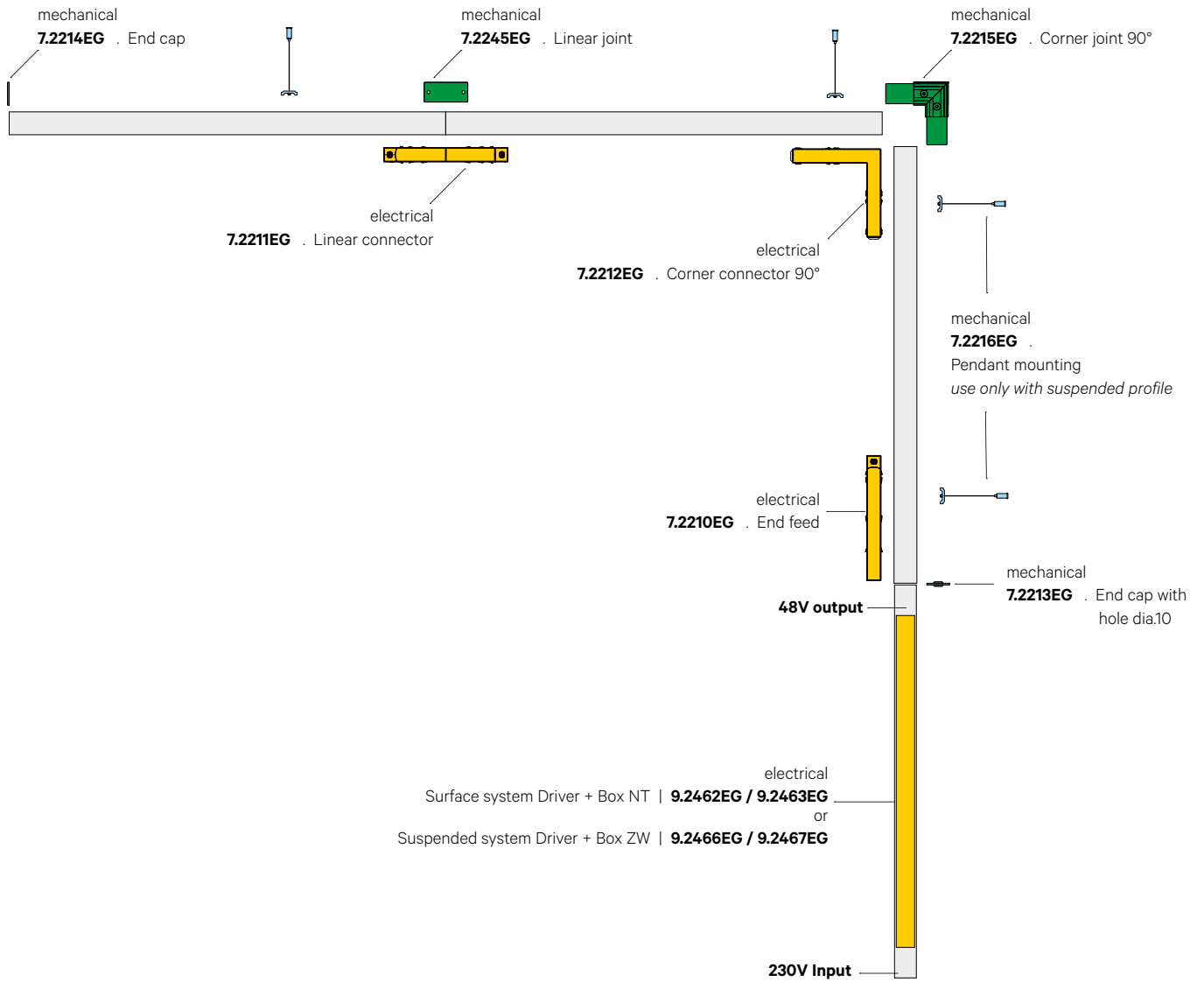
Despite its name, this element can be mounted anywhere along the profiles, because it has two entries for the power cord - at the bottom and at the back of the body

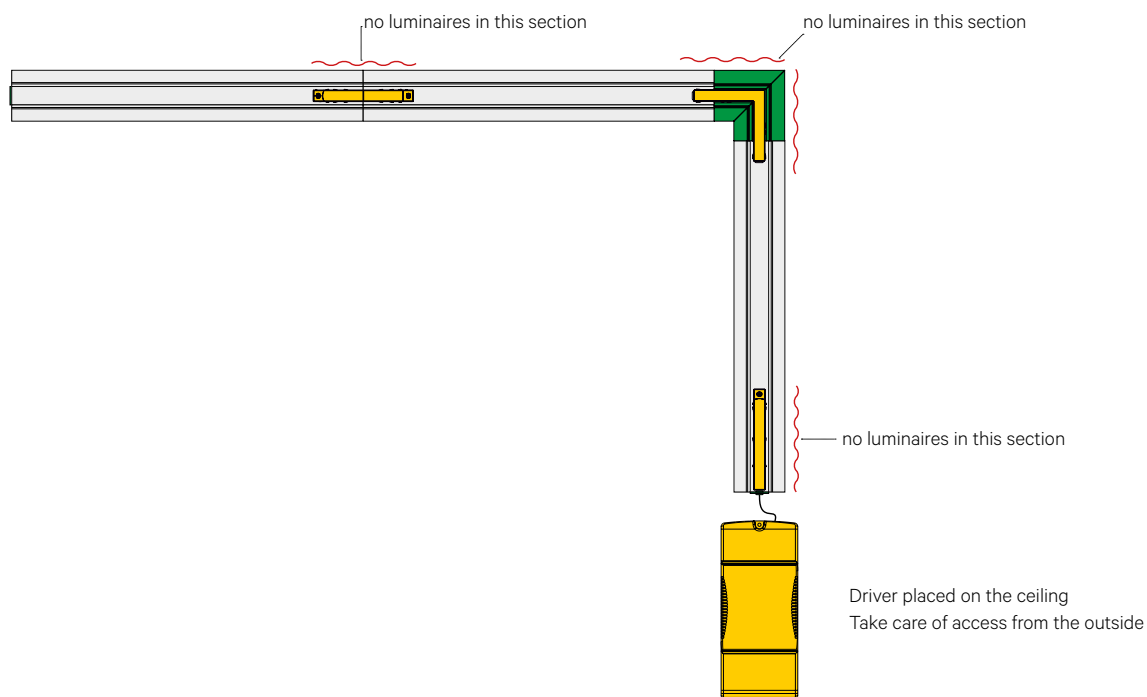
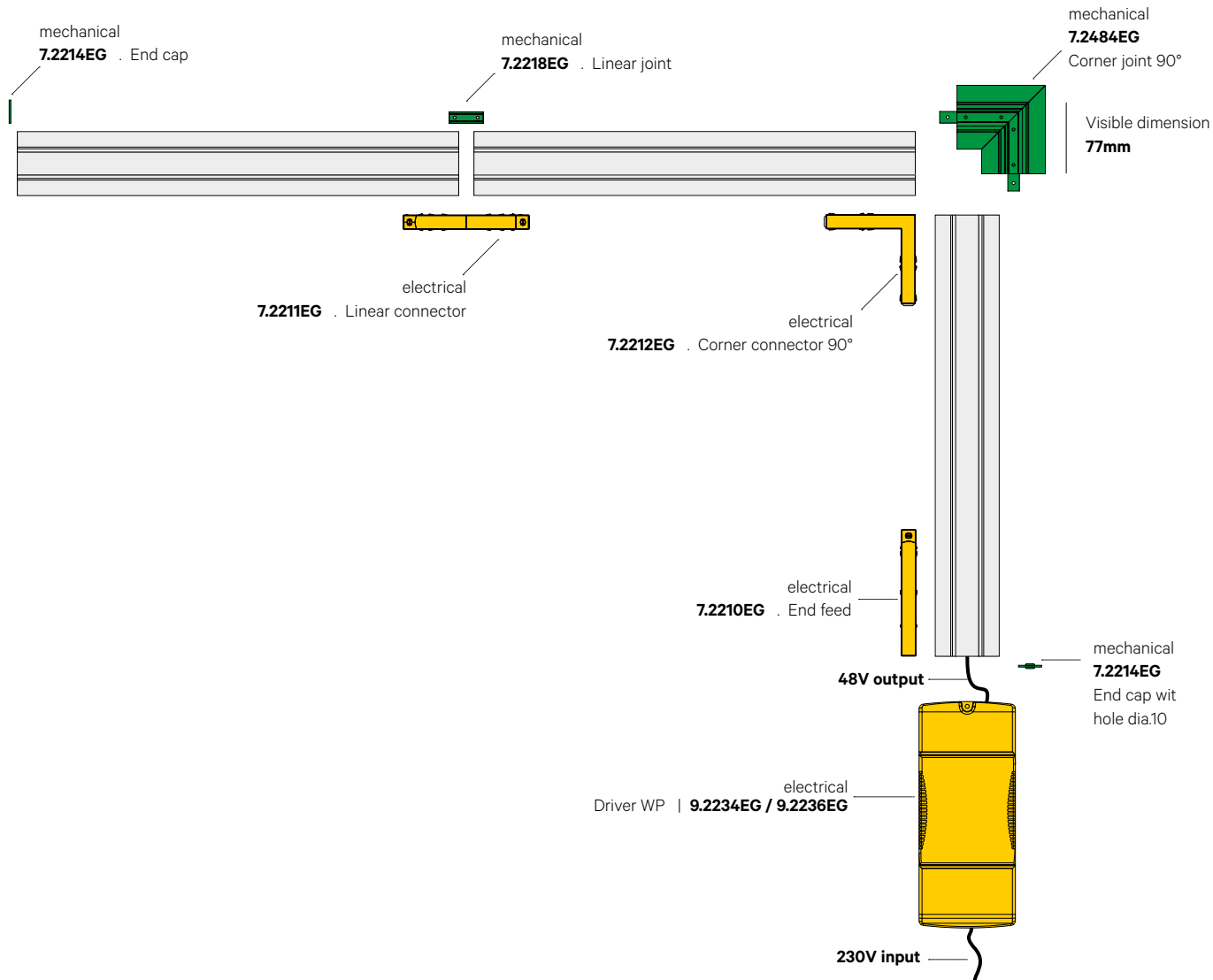
In each profile (surface / suspended / recessed) you can make a hole (max.φ8) through which the power cord passes - be careful not to damage the body and wires in the rail.

7.2212EG . Electrical Corner connector 48V

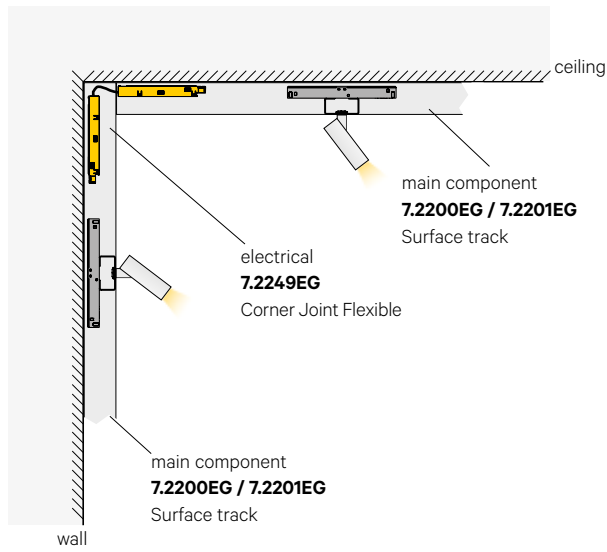
The angular connector can be used as a power supply - just like the 7.2210EG end feed - it is equipped with an opening through which the cable can be inserted. The hole is located in the bottom of the element in the very corner.

multisystem

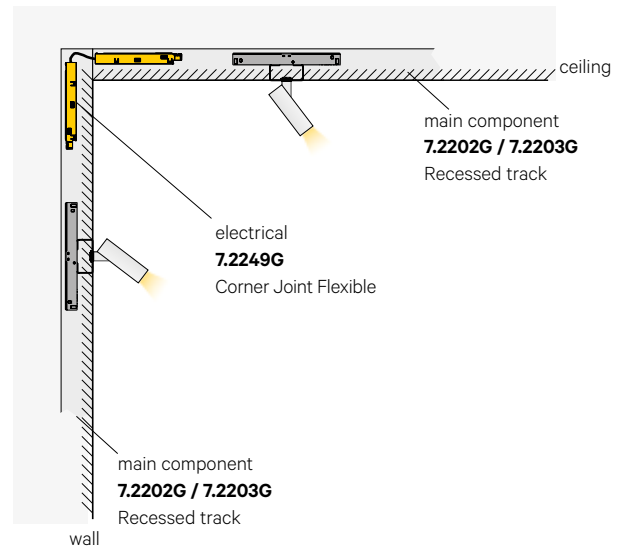




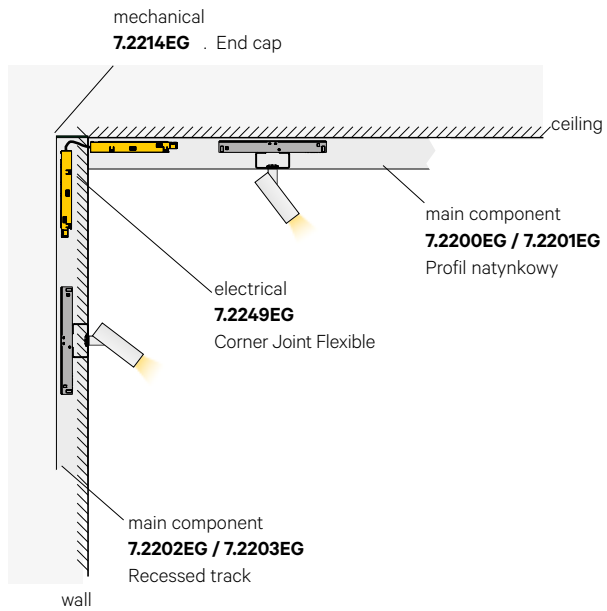
1. wall surface + ceiling surface



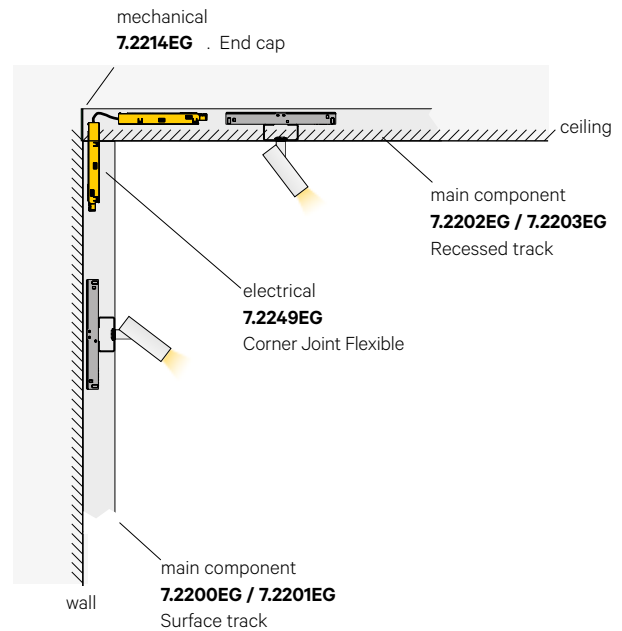
2. wall recessed + ceiling surface

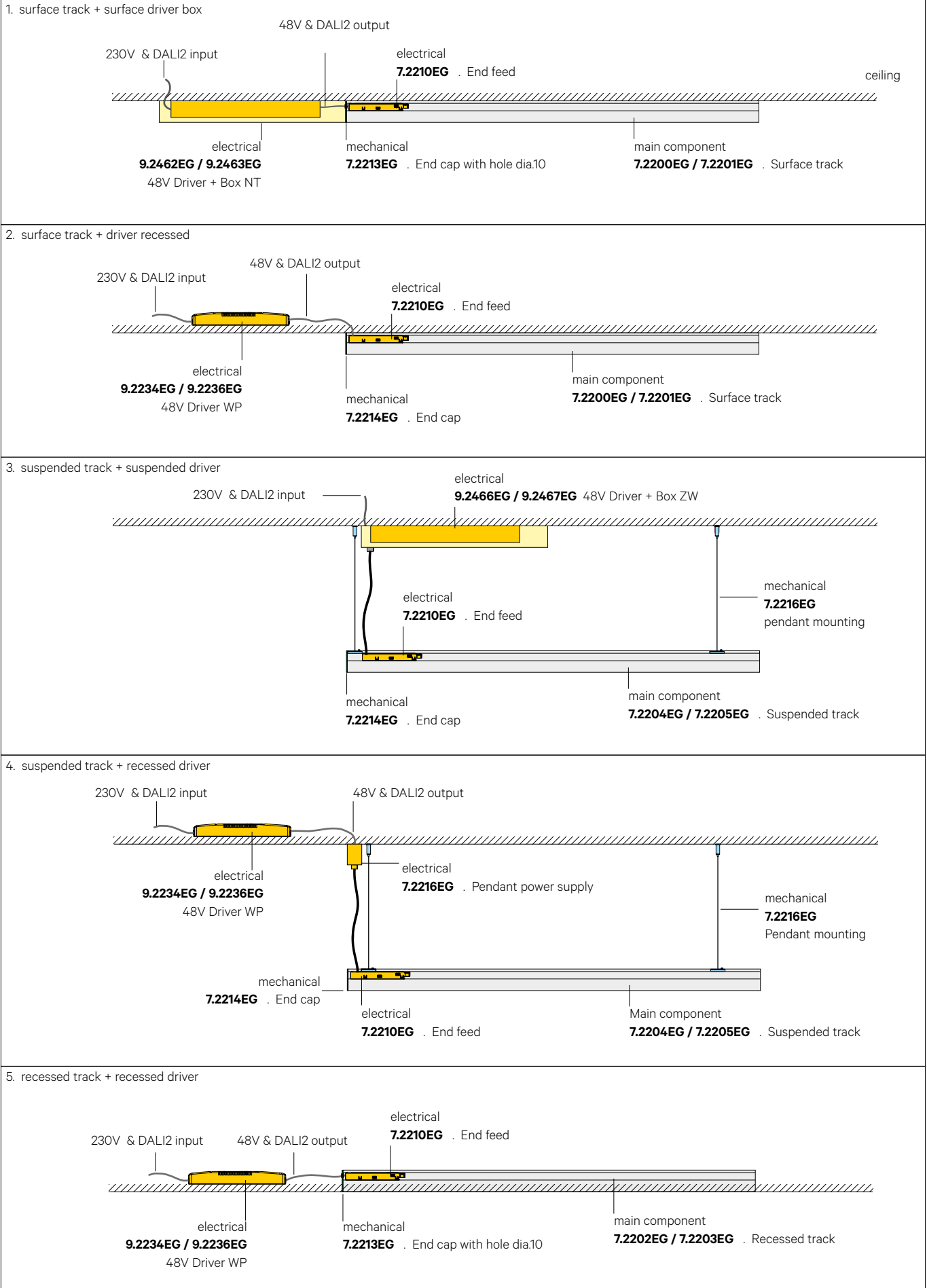


3. wall recessed + ceiling surface



4. wall surface + ceiling recessed







Na Antresoli

fol. Agata Piatkowska

multiva evo

multiva evo

The MULTIVA family includes a wide range of recessed luminaires, which can also be finished with a subtle mounting frame (12mm wide), masking the rim of the recess. The construction of the lamps is based on a square or a rectangle (one or two sources of light). Multiva does not require much installation space, which is important in case of low rooms. When configuring your own Multiva model, you can choose the colour of the luminaire, its size (60/80/115) or the option of mounting it with an external frame. Multiva also offers a choice of the type of light source, its power and colour. An additional advantage of the Multiva range of products is that they feature optional DALI2 and SwitchDIM modules for dimming and lighting control.





multiva evo 115x1 trimless / multiva evo 80 trimless







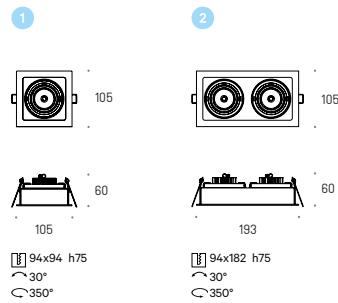
multiva evo 80x2 / multiva evo 115x1



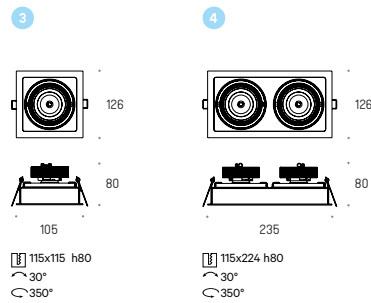
Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black	White	Mixed	CRi98 2700K	CRi98 3000K	CRi98 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 10°	Medium 17°	Wide 41°	
										.927	.930	.940	.S	.M	.W	.S	.M	.W	
Multiva Evo 60 — 80																			
1	60.1 LED	1x 8W 510lm	4.1841	4.3298	4.1842	4.1843													
2	60.2 LED	2x 8W 510lm	4.1844	4.3299	4.1845	4.1846													
3	80.1 LED	1x 15W 1200lm	4.1835	4.3300	4.1836	4.1837													
4	80.2 LED	2x 15W 1200lm	4.1838	4.3301	4.1839	4.1840													
Multiva Evo 60 — 80 Trimless																			
1	Wkład 60.1 LED	1x 8W 510lm	4.1850	4.3308	4.1851	4.1852													
2	Wkład 60.2 LED	2x 8W 510lm	4.1854	4.3309	4.1855	4.1856													
3	60.1 Mounting Frame	[required]				4.1849													
4	60.2 Mounting Frame	[required]				4.1853													
5	Wkład 80.1 LED	1x 15W 1200lm	4.1860	4.3310	4.1861	4.1862													
6	Wkład 80.2 LED	2x 15W 1200lm	4.1864	4.3311	4.1865	4.1866													
7	80.1 Mounting Frame	[required]				4.1859													
8	80.2 Mounting Frame	[required]				4.1863													



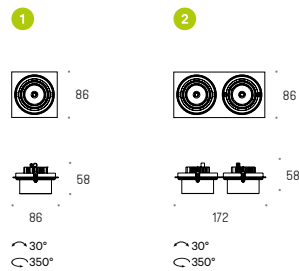
Multiva Evo 60



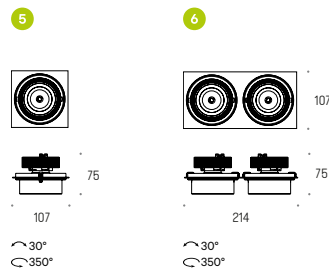
Multiva Evo 80



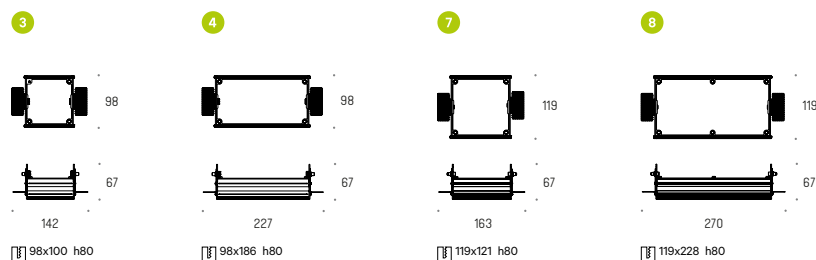
Multiva Evo 60 Trimless





Multiva Evo 80 Trimless



Multiva 60 / 80 — mounting frames

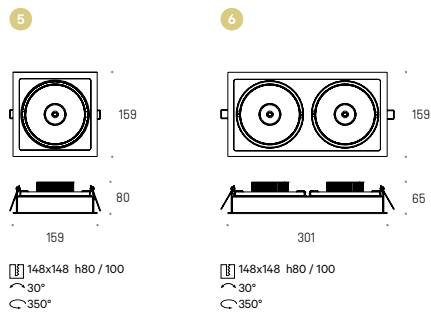


Model		On—Off	Switch Dim	DALI2	PhaseCut	Accessories	Black + White	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°
							.44	.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W
Multiva Evo 115 																			
1	12V 115.1 QR111 *	1x G53 QR-LP 111	4.1821				•	•	•	•									
2	12V 115.2 QR111 *	2x G53 QR-LP 111	4.1828				•	•	•	•									
3	115.1 LED	1x 8W 510lm	4.1822	4.3302	4.1823	4.1824	•	•	•	•	•	•	•	•	•	•			
4	115.2 LED	2x 8W 510lm	4.1829	4.3303	4.1830	4.1831	•	•	•	•	•	•	•	•	•	•			
5	115.1 LED	1x 15W 1200lm	4.1825	4.3304	4.1826	4.1827	•	•	•	•	•	•	•				•	•	•
6	115.2 LED	2x 15W 1200lm	4.1832	4.3305	4.1833	4.1834	•	•	•	•	•	•	•				•	•	•
7	115.1 LED	1x 27W 2000lm	4.2540	4.3306	4.2541	4.2542	•	•	•	•	•	•	•				•	•	•
8	115.2 LED	2x 27W 2000lm	4.2544	4.3307	4.2545	4.2546	•	•	•	•	•	•	•				•	•	•
Multiva Evo Trimless 115 																			
1	12V Inset 115.1 QR111 *	1x G53 QR-LP 111	4.1806					•	•	•									
2	12V Inset 115.2 QR111 *	2x G53 QR-LP 111	4.1814					•	•	•									
3	Inset 115.1 LED	1x 8W 510lm	4.1807	4.3312	4.1808	4.1809	•	•	•	•	•	•	•	•	•	•			
4	Inset 115.2 LED	2x 8W 510lm	4.1815	4.3313	4.1816	4.1817	•	•	•	•	•	•	•	•	•	•			
5	Inset 115.1 LED	1x 15W 1200lm	4.1810	4.3314	4.1811	4.1812	•	•	•	•	•	•	•				•	•	•
6	Inset 115.2 LED	2x 15W 1200lm	4.1818	4.3315	4.1819	4.1820	•	•	•	•	•	•	•				•	•	•
7	Inset 115.1 LED	1x 27W 2000lm	4.1948	4.3316	4.1949	4.1950	•	•	•	•	•	•	•				•	•	•
8	Inset 115.2 LED	2x 27W 2000lm	4.1952	4.3317	4.1953	4.1954	•	•	•	•	•	•	•				•	•	•
9	115.1 Mounting Frame	[required]				4.1805	•	•	•										
10	115.2 Mounting Frame	[required]				4.1813	•	•	•										

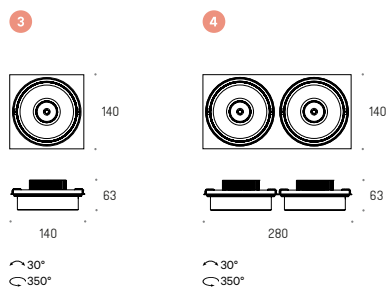
*12V — transformer not included



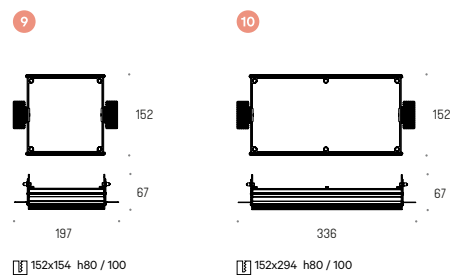
Multiva Evo 115



Multiva Evo 115 Trimless



Multiva Evo 115 Trimless — mounting frames





WZORCOWNIA Daria Rogozińska

fol. Daria Rogozińska

neutra system

neutra system

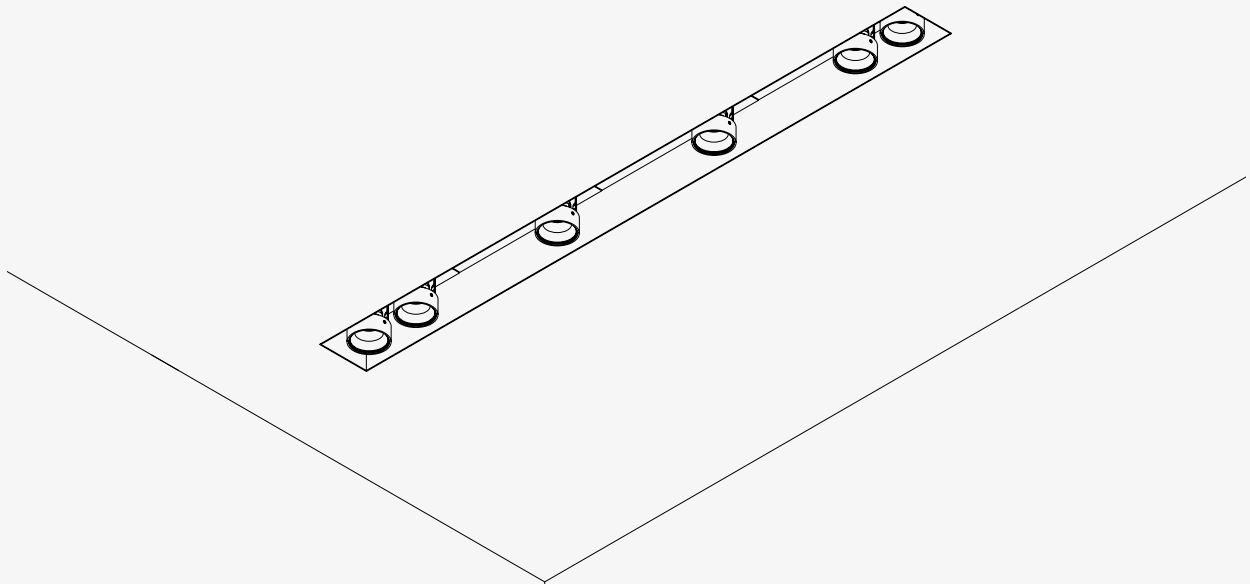
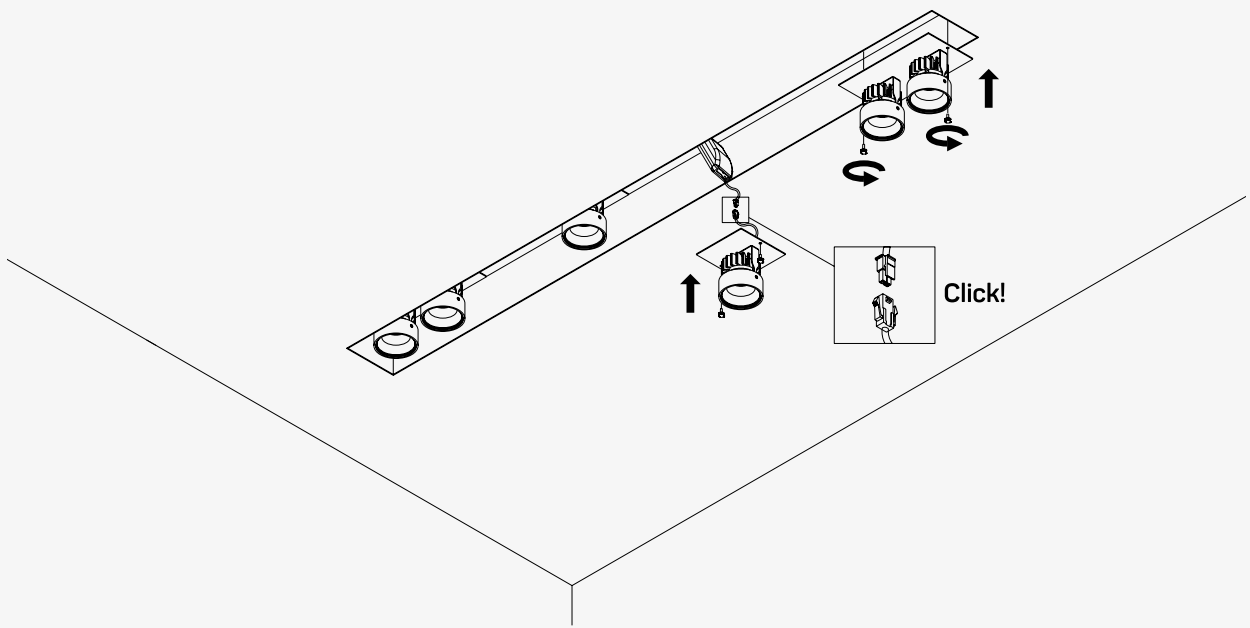
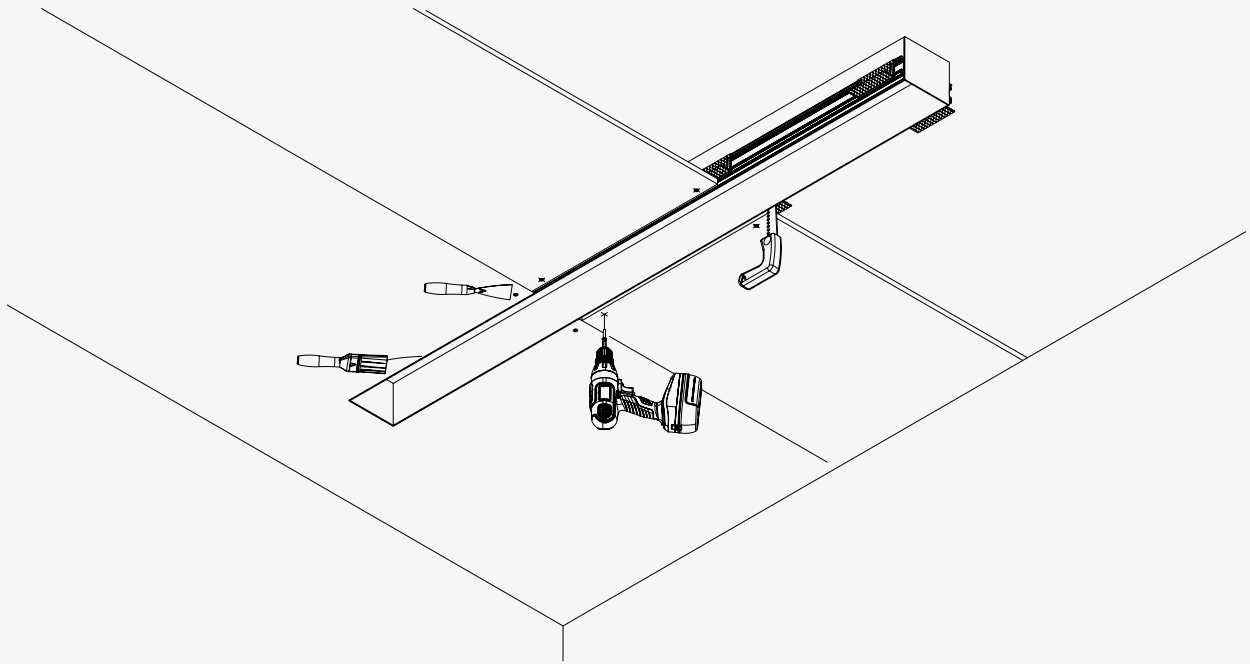



custom
system

The biggest advantage of the Neutra system is the ability to create a custom design tailored to your needs. The Neutra system consists of a recessed profile, to which single or double spotlights with LED modules are attached. It is available in black, white or mixed colours. The spotlights are equipped with integrated LED light sources with the option of choosing the colour and angle of incidence of the light. Discreetly integrated into the ceiling, the lamp spreads bright and energetic light creating a pleasant interior atmosphere. Mounting hardware, in-line and angle connectors are included.





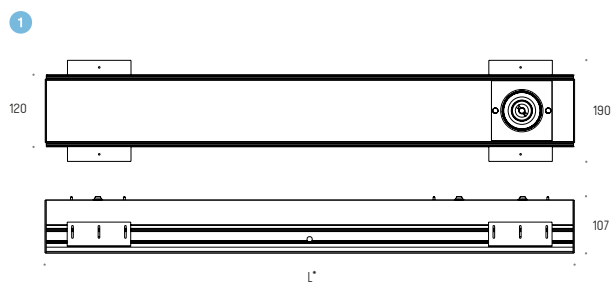



Model		On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 23°	Wide 42°
						.02	.03	.99	.927	.930	.940	.S	.M	.W
Neutra System 														
1 Profile Recessed*	1.0 m	6.1190				•	•	•						
2 Module 1.0	1x 15W 1200lm	6.1191	6.2535	6.1193	6.1192	•	•	•	•	•	•	•	•	•
3 Module 2.0	2x 15W 1200lm	6.1194	6.2536	6.1196	6.1195	•	•	•	•	•	•	•	•	•

* The system is made for the client's project

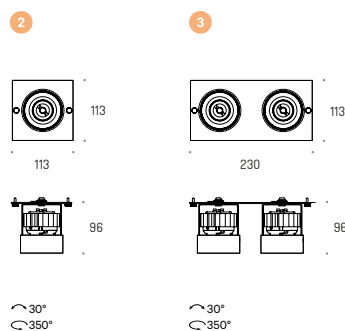


Neutra System — profile



 L +4 x136 h165
check instruction

Neutra System — modules





CECHOWNIA Aleksandra Grzonka

foi. Aleksandra Dermont

nex

nex

NEX luminaire is a series of spotlights, where, additionally, the whole body rotates around its axis. The aluminium lamp housing is set on a single base and has a built-in electronic transformer or an LED power supply. The NEX series of luminaires features LEDs with Chip-on-Board (CoB) technology, so the light beam is uniform and concentrated, avoiding the effect of multiplied shadows. NEX comes in two versions — single and double. Due to its high mobility, it is great for both home and display spaces.

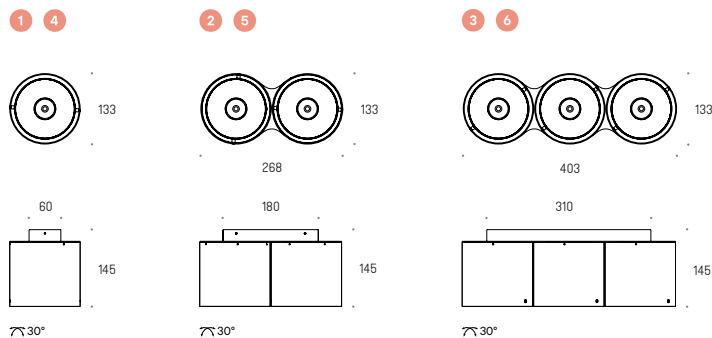


nex x2 / x1 NT

Model		On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°
						.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W
Nex NT QR111 ☺																	
1	1 QR111	1x 0-50W G53 QR-LP111	3.0405														
2	2 QR111	2x 0-50W G53 QR-LP111	3.0406														
3	3 QR111	3x 0-50W G53 QR-LP111	3.0407														
Nex NT edge.LED ☺																	
1	1 edge.LED	1x 8W 510lm	3.0688	3.1527	3.1526	3.1525											
2	2 edge.LED	2x 8W 510lm	3.0689	3.1530	3.1529	3.1528											
3	3 edge.LED	3x 8W 510lm	3.0690	3.1533	3.1532	3.1531											
4	1 edge.LED	1x 15W 1200lm	3.0816	3.1547	3.1546	3.1545											
5	2 edge.LED	2x 15W 1200lm	3.0817	3.1550	3.1549	3.1548											
6	3 edge.LED	3x 15W 1200lm	3.0818	3.1553	3.1552	3.1551											



Nex NT





KAMA MUCHA

opta

opta

A small, light green circular logo with the words "new family" written inside in a white, lowercase, sans-serif font.

new
family

Opta meets the typical needs of office and public interiors — low glare and high luminous flux. When you add minimalist aesthetics and refined design, you get a recipe for the perfect tool for building an ergonomic and visually friendly space. The range consists of surface-mounted and suspended luminaires in the form of rectangles with asymmetrically arranged light modules and symmetrical squares. An optical PMMA lens assembly directs light at two angles of 50° and 80° — always with a high (CRI90) colour rendering index. Available colour temperature values: 2700°K, 3000°K, and 4000°K . The glare factor of UGR <19 makes this range suitable for workplaces where screens are used.

The Opta Disk version is a discreet adjustable spotlight available in both recessed and surface-mounted versions. It should be noted that the height of the NT model is only 30mm and the discs offer 25° tilt range, which makes it one of the lowest luminaires of its kind on the market.



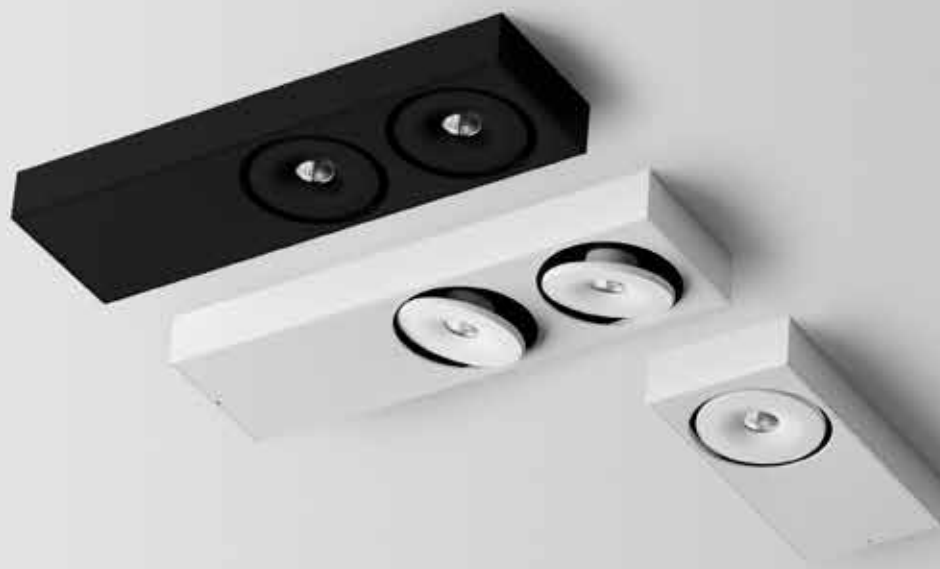




opta disk round WP ↓

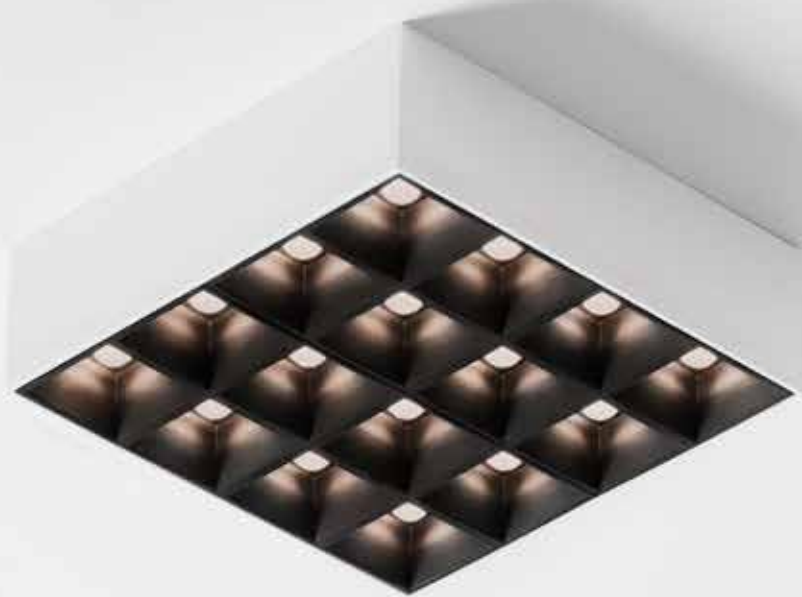
↑ opta disk x1 WP / x2 WP





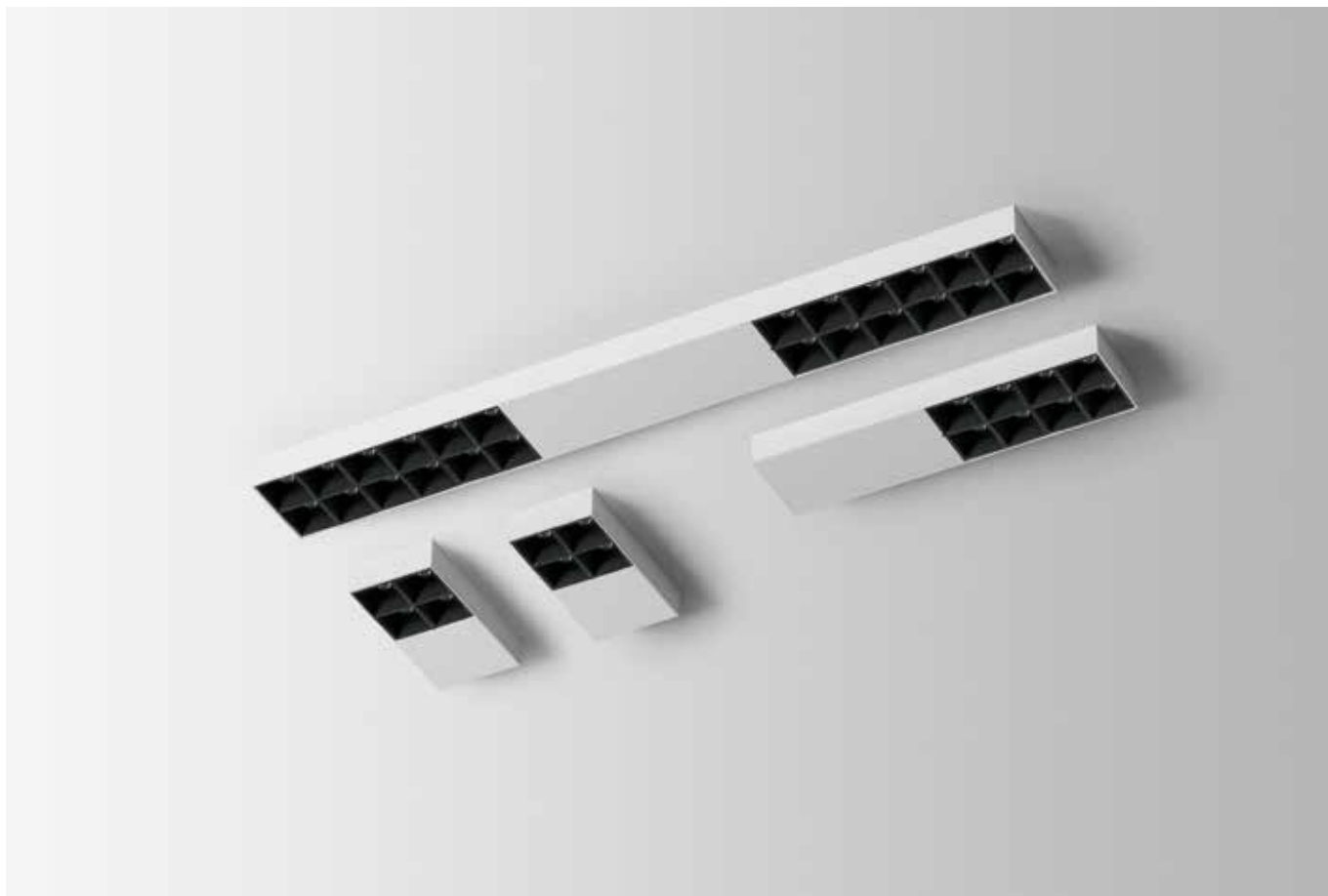






opta grid X4 Q NT

opta grid



opta grid x6 ZW ↓

↑ opta grid x6 NT / opta grid x1 NT / opta grid x2 NT

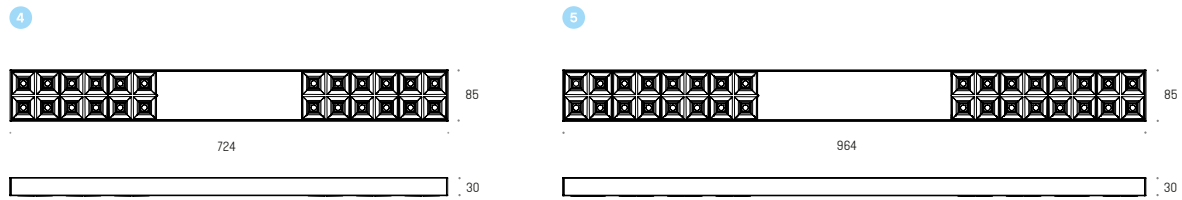


opta

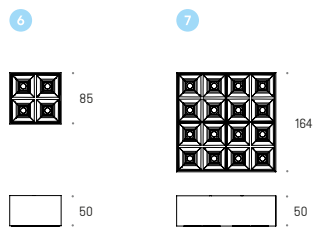
Opta Grid NT



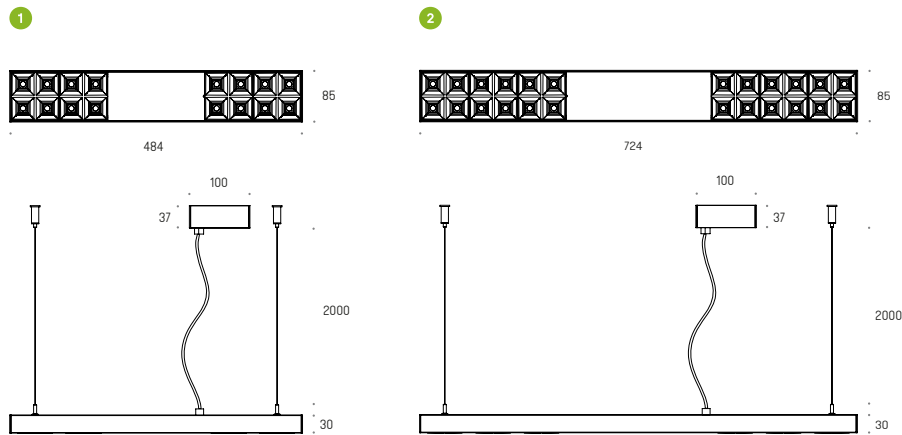
Opta Grid NT



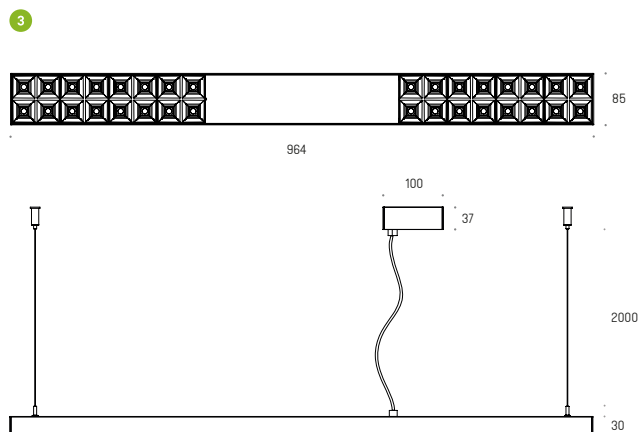
Opta Grid NT



Opta Grid ZW



Opta Grid ZW

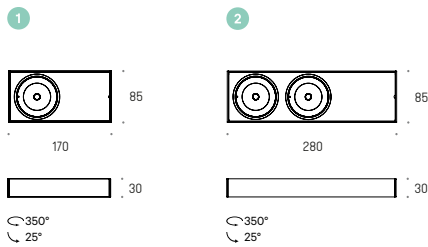


Model		On—Off	Switch DIM	DALI2	PhaseCut	Accessories	White + Black	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Wide 53°	X-Wide 85°
							.33	.02	.03	.99	.927	.930	.940	.W	.XW
Opta Grid NT ☺															
1	X1 NT	9.6W 870lm	3.3340				•	•	•	•	•	•	•	•	•
2	X2 NT	18W 1730lm	3.3341	3.3343	3.3342		•	•	•	•	•	•	•	•	•
3	X4 NT	19W 1180lm	3.3344	3.3346	3.3345		•	•	•	•	•	•	•	•	•
4	X6 NT	26W 1780lm	3.3347				•	•	•	•	•	•	•	•	•
5	X8 NT	34W 2370lm	3.3348	3.3350	3.3349		•	•	•	•	•	•	•	•	•
6	X1Q NT	9.6W 870lm	3.3351				•	•	•	•	•	•	•	•	•
7	X4Q NT	19W 1180lm	3.3352	3.3354	3.3353		•	•	•	•	•	•	•	•	•
Opta Grid ZW ☺															
1	X4 ZW	19W 1180lm	5.3355	5.3357	5.3356		•	•	•	•	•	•	•	•	•
2	X6 ZW	26W 1780lm	5.3358				•	•	•	•	•	•	•	•	•
3	X8 ZW	34W 2370lm	5.3359	5.3361	5.3360		•	•	•	•	•	•	•	•	•
Opta Disk NT ☺															
1	Opta Disk X1 NT	10W 810lm, 49°	3.3635		3.3636		•	•	•	•	•	•	•	•	•
2	Opta Disk X2 NT	19W 1620lm, 49°	3.3637	3.3638	3.3639	3.3640	•	•	•	•	•	•	•	•	•
Opta Disk WP ☺															
1	Opta Disk Round WP	10W 810lm, 49°	4.3641	4.3642	4.3643	4.3644	•	•	•	•	•	•	•	•	•
2	Opta Disk X1 WP	10W 810lm, 49°	4.3645	4.3646	4.3647	4.3648	•	•	•	•	•	•	•	•	•
3	Opta Disk X2 WP	19W 1620lm, 49°	4.3649	4.3650	4.3651	4.3652	•	•	•	•	•	•	•	•	•
4	Opta Disk X1 Mounting Frame	[required]													4.3653
5	Opta Disk X2 Mounting Frame	[required]													4.3654

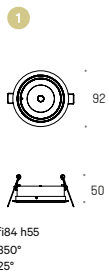
• CR190



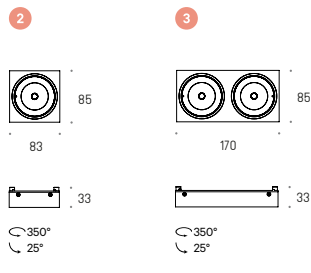
Opta Disk NT



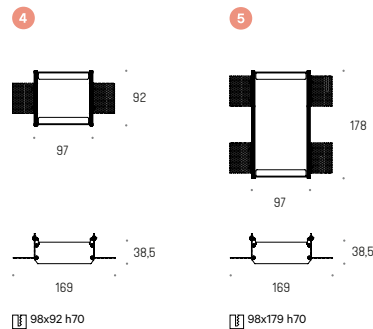
Opta Disk Round WP



Opta Disk WP



Opta Disk WP — mounting frames





panton

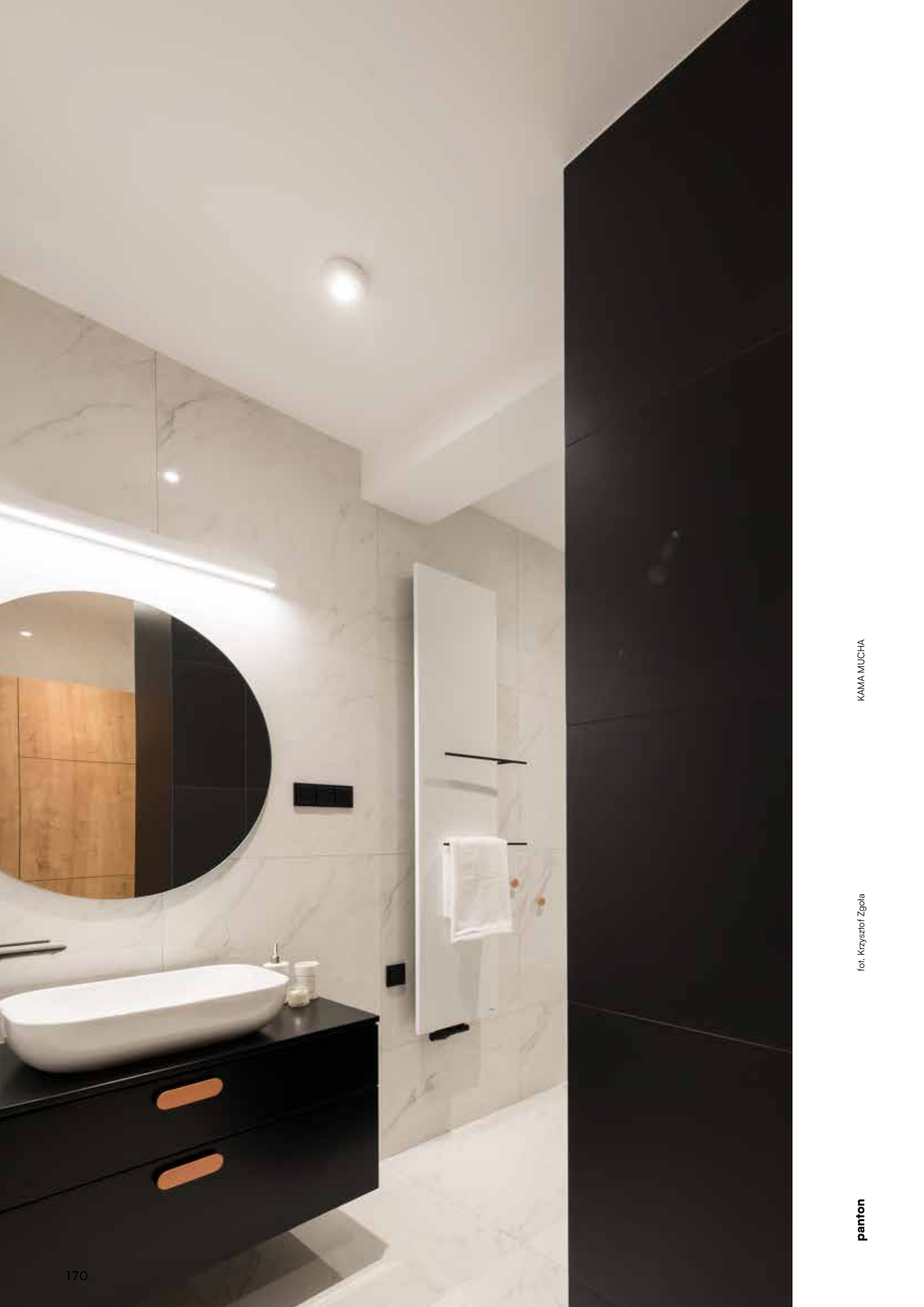


Panton represents a family of sealed luminaires dedicated to special zones exposed to moisture and steam. The lamps are offered in two tightness classes: IP54 (for use in increased humidity zones) and IP65 (suitable for use even in the shower cabins). Panton 1.0 was designed to be mounted in a low room — you can choose between a sleek 38mm surface-mounted luminaire (which requires the power supply to be placed above the ceiling) and a recessed one. All models are equipped with an integrated LED light source and are available in white, black, and mixed colour versions.



panton 2.0 NT / panton 1.0 NT / panton tube

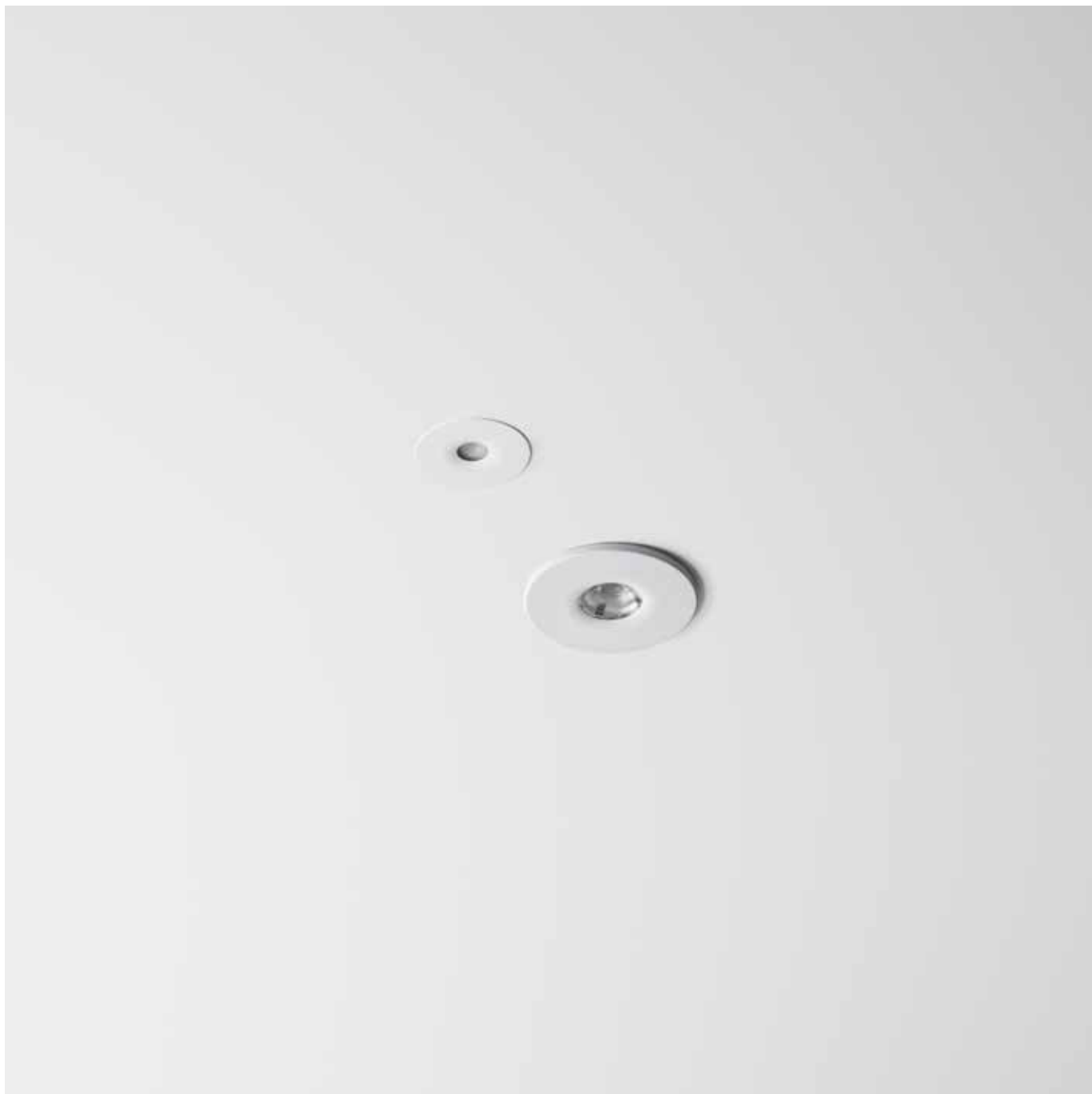




KAMA MUCHA

fol. Krzysztof Zgola

panton



panton 1.0 WP / panton 2.0 WP



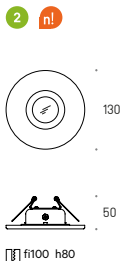
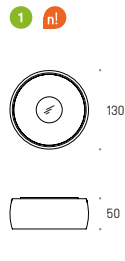
Model	On-Off	White + Black	Black + White	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K
Panton LV 1.0		.33	.44	.02	.03	.99	.927	.930	.940
1 1.0 NT	1x 7.6W 500lm IP54	3.2493	•	•	•	•	•	•	•
2 1.0 WP	1x 7.6W 500lm IP54	4.2494			•	•	•	•	
Panton LV 2.0									
1 2.0 NT	1x 9.7W 760lm IP65	3.2495	•	•	•	•	•	•	
2 2.0 WP	1x 9.7W 760lm IP65	4.2496			•	•	•	•	
Panton LV Tube									
1 Tube NT	1x 9.7W 880lm IP65	3.2497	•	•	•	•	•	•	

energy pg./str.17

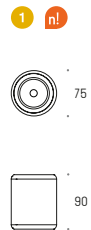
Panton 1.0 LV



Panton 2.0 LV



Panton Tube LV





KAMA MUCHA

pixel

pixel

new
family

A family of surface-mounted luminaires. It is characterised by a deeply recessed middle part, which adds lightness to the design; the total height of the frame is only 50.5mm. Despite its low height, the luminaire is fully functional. As far as technical parameters are concerned, the range offers efficient LED sources, a colour temperature of 2700K, 3000K or 4000K and the Ra CRI value of 90. Three models of different sizes used in different configurations allow for an interesting lighting arrangements. They are suitable for lighting private interiors as well as public buildings. Each body features a built-in LED power supply.



pixel 32.32 NT



pixel 16.16 NT

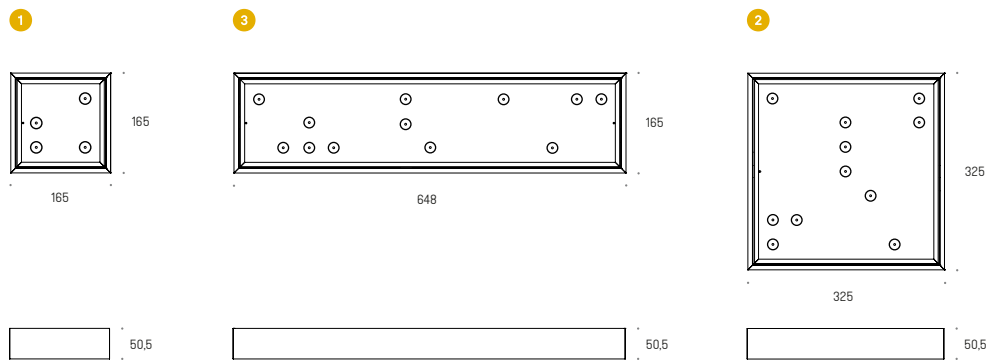


pixel 16.64 NT

Model		On-Off	Switch DIM	DALI2	White + Black	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
Pixel NT	⊕				.33	.02	.03	.99	.927	.930	.940
1 16.16 NT	10W 810lm, 50°	3.2022			•	•	•	•	•	•	•
2 32.32 NT	37W 2900lm, 50°	3.2024	3.3633	3.2025	•	•	•	•	•	•	•
3 16.64 NT	39W 3100lm, 50°	3.2026	3.3634	3.2027	•	•	•	•	•	•	•



Pixel





proxax

The classic shape of the PROXA range is based on a tube with a diameter of 133mm, which includes surface-mounted and pendant models. An inward recessed, integrated LED light source provides a large angle of protection and high illumination with extremely low glare. High colour rendering index (CRI98) and no ripple guarantee visual comfort and are easy on the user's eyesight. Proxa in the Move version is a pivoting luminaire, available in three different body lengths, allowing for interesting compositions, while directing the light beam in the desired direction. Both PROXA versions (regular and Move) are available in a halogen or an integrated edge.LED source version.



proxa ZW / proxa move h230 ZW

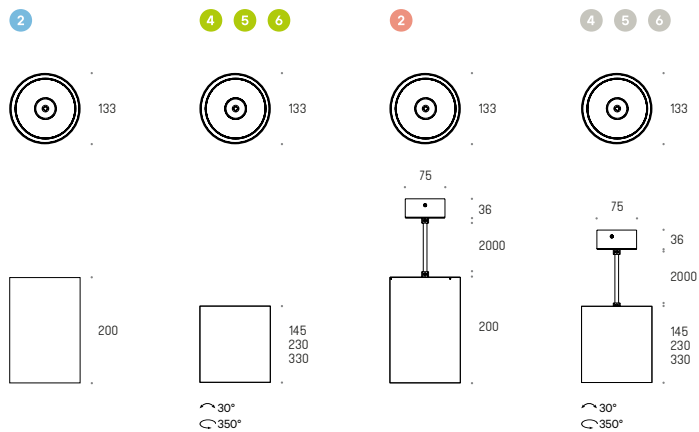


proxa move h145 NT / proxa NT

Model		On—Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°
						.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W
Proxa NT ⊕																	
1	QR111	1x 0-50W G53 QR-LP 111	3.0414			•	•	•									
2	edge.LED	1x 15W 1200lm	3.0820	3.1541	3.1540	3.1539	•	•	•	•	•				•	•	•
Proxa Move NT ⊕																	
1	H145 QR111	1x 0-50W G53 QR-LP 111	3.0373				•	•	•								
2	H230 QR111	1x 0-50W G53 QR-LP 111	3.0374				•	•	•								
3	H330 QR111	1x 0-50W G53 QR-LP 111	3.0556				•	•	•								
4	H145 edge.LED	1x 8W 510lm	3.0729	3.2802	3.1662	3.1661	•	•	•	•	•	•	•	•	•	•	•
5	H230 edge.LED	1x 8W 510lm	3.0730	3.2803	3.1664	3.1663	•	•	•	•	•	•	•	•	•	•	•
6	H330 edge.LED	1x 8W 510lm	3.0731	3.2804	3.1666	3.1665	•	•	•	•	•	•	•	•	•	•	•
Proxa ZW ⊕																	
1	QR111	1x 0-50W G53 QR-LP 111	5.0415				•	•	•								
2	edge.LED	1x 15W 1200lm	5.0821	5.1544	5.1543	5.1542	•	•	•	•	•				•	•	•
Proxa Move ZW ⊕																	
1	H145 QR111	1x 0-50W G53 QR-LP 111	5.0846				•	•	•								
2	H230 QR111	1x 0-50W G53 QR-LP 111	5.0847				•	•	•								
3	H330 QR111	1x 0-50W G53 QR-LP 111	5.0848				•	•	•								
4	H145 edge.LED	1x 8W 510lm	5.0732	5.2805	5.1668	5.1667	•	•	•	•	•	•	•	•	•	•	•
5	H230 edge.LED	1x 8W 510lm	5.0733	5.2806	5.1670	5.1669	•	•	•	•	•	•	•	•	•	•	•
6	H330 edge.LED	1x 8W 510lm	5.0734	5.2807	5.1672	5.1671	•	•	•	•	•	•	•	•	•	•	•



Proxa NT





KAMA MUCHA

pura

pura

design — **Kama Mucha**

new
family

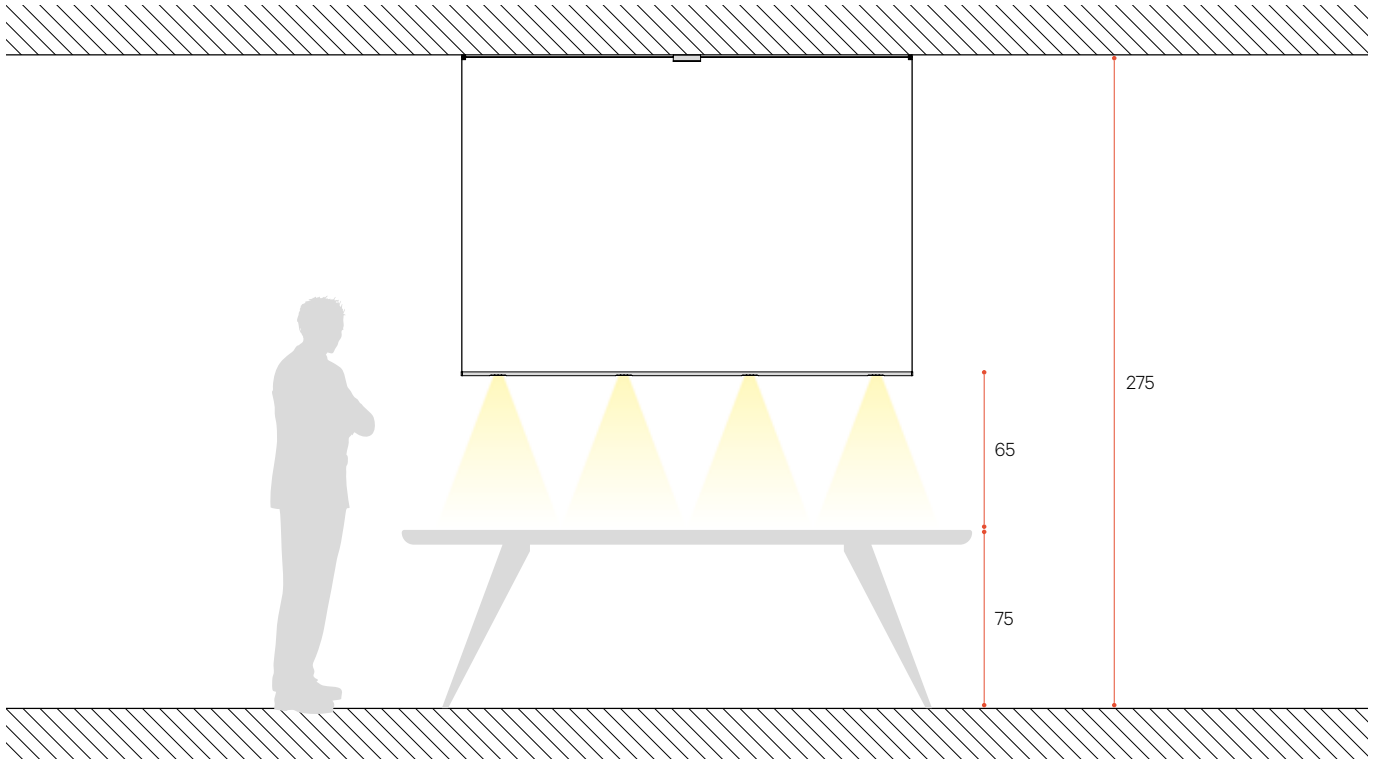
The Pura luminaire was created to bridge the gap between decorative and technical lighting in such location as a kitchen island or a dining room. It also addresses a common problem consisting in leaving one central electrical outlet, which usually eliminates in-line solutions. The structure is based on a milled aluminium body with a diameter of only 16mm — visually and materially it is extremely lightweight, almost ephemeral. The luminescent modules are spaced apart to create a uniform spot of light.

Each model, depending on the length, is equipped with 2, 3 or 4 LED modules with three diodes, each equipped with a microscopic TIR optics, which ensures the desired light distribution and intensity. The power supply is built into a central power box which is only 28mm high. The body hangs on two cables in a transparent braid, which also supply power. This arrangement minimises the number of elements and makes the whole luminaire a very strong graphic element of the interior in which it is installed. The length of the cords/wires as well as the location of the canopy can be customised.

Suspension height

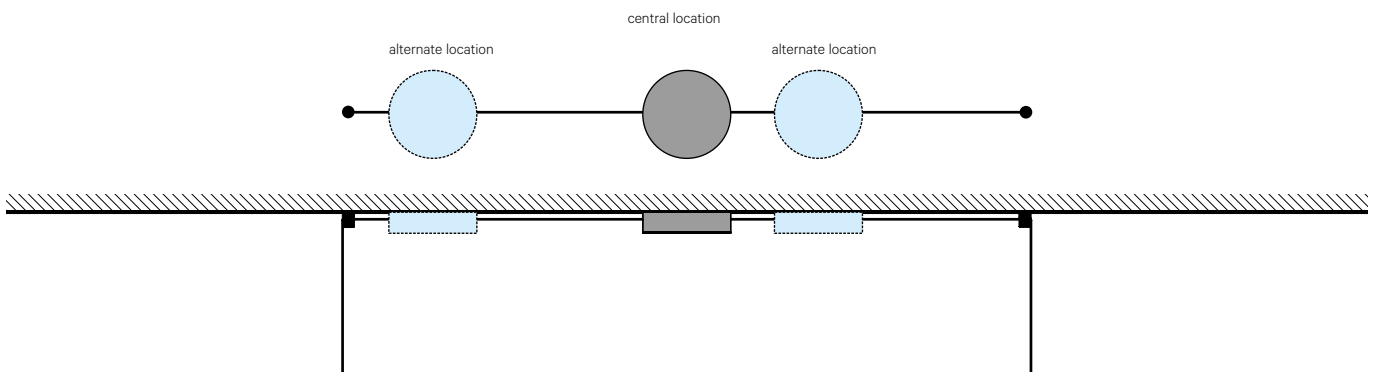
In the example used, the table is 220 cm long and its height is 75 cm. With this arrangement of the components, we assume that the fixture is suspended about 65 cm above the table.

This arrangement provides comfortable lighting of the table. The suspension height can of course be adjusted at the installation stage.

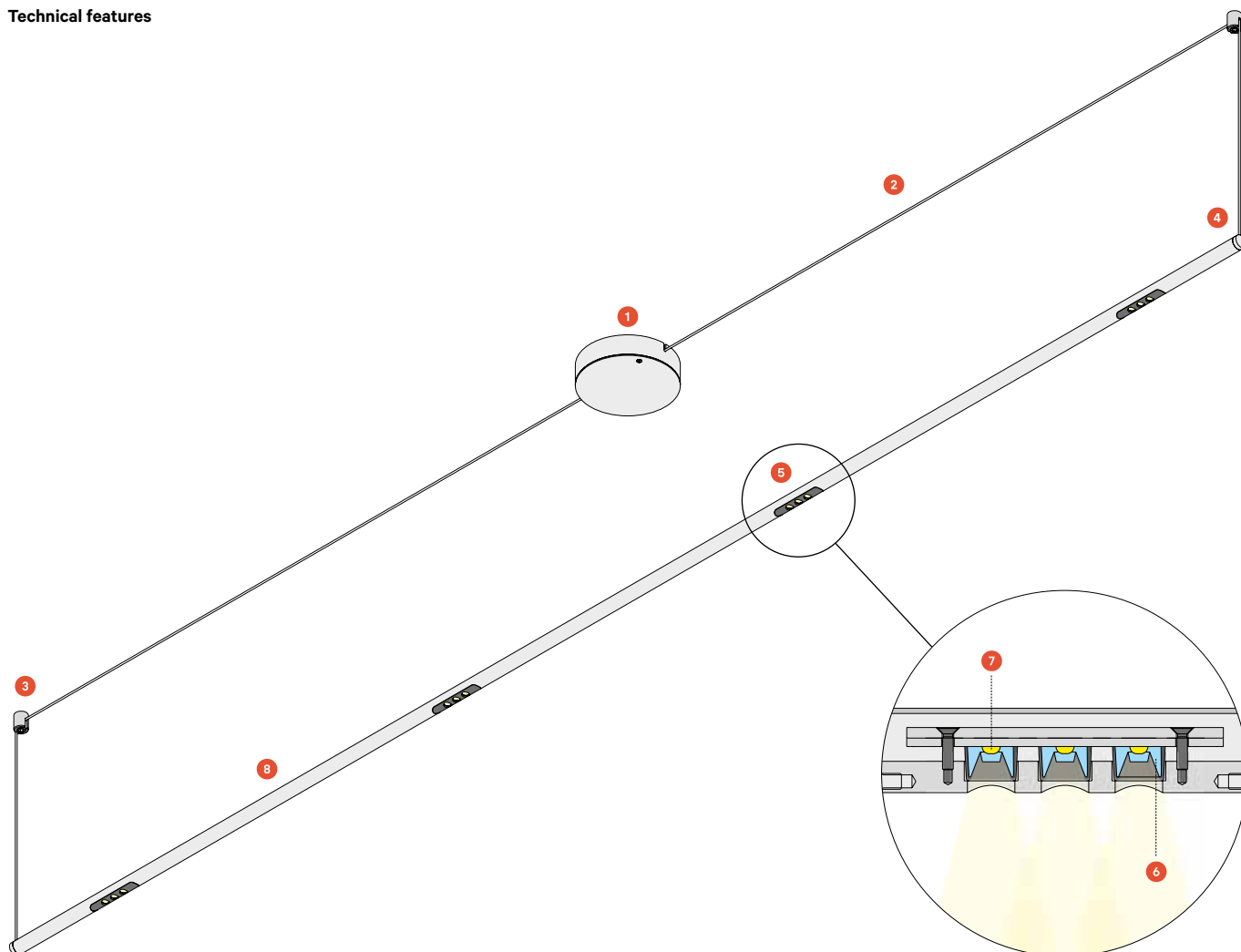


The location of the mounting box

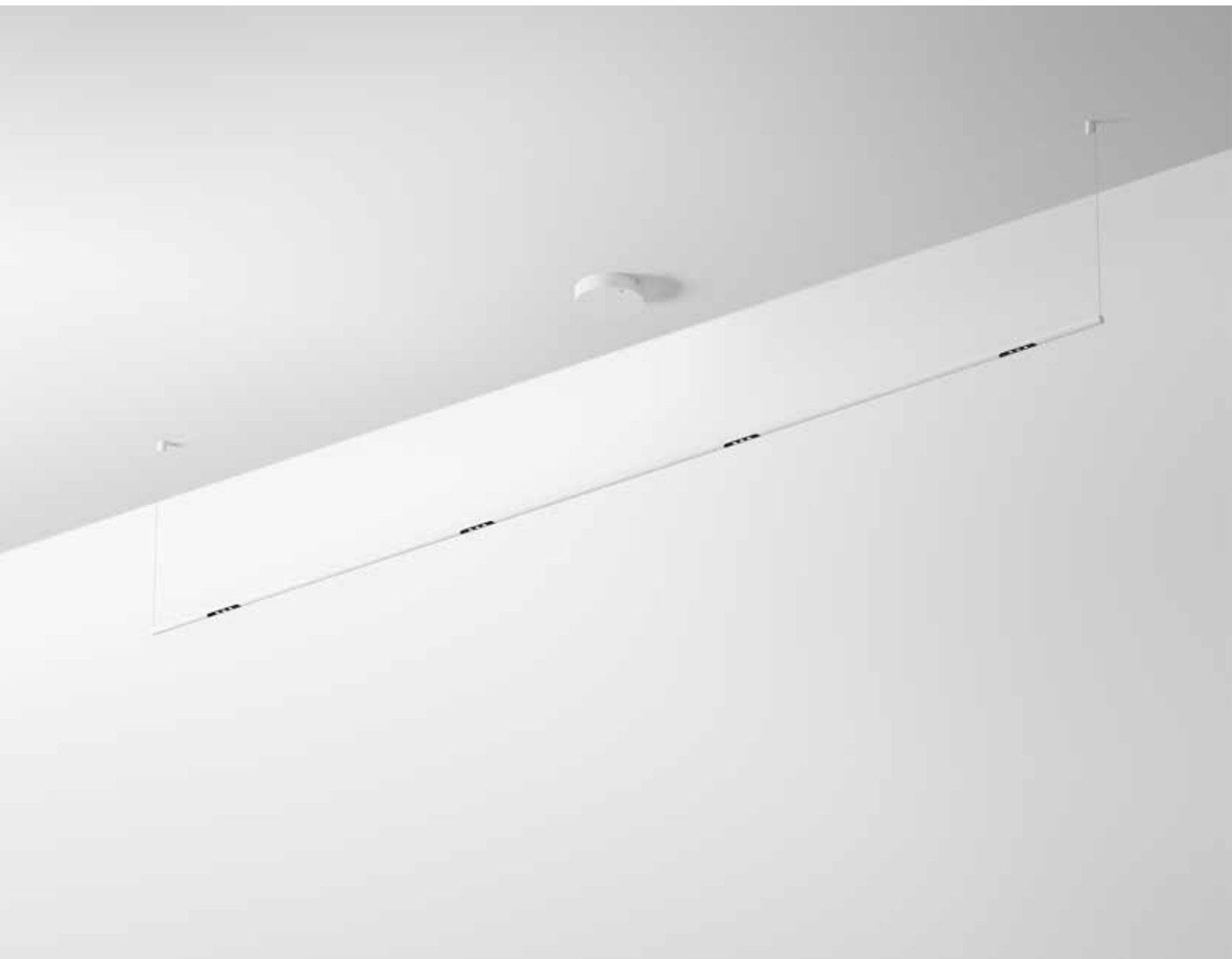
During installation, the mounting box can be located anywhere along the axis of the fixture. You can shorten the wires yourself. It gives PURA series fixtures a huge range, which is especially important if we have a very limited number of electrical outlets in a room.



Technical features



- 1 Mounting box 133 mm, in diameter and 28 mm high, made of turned aluminium. It has two functions, as it covers the power connection and serves as a holder for the power wires. During installation, the box can be placed anywhere along the longitudinal axis of the lamp. Cables are supplied in lengths of **350cm** each, which allows you to adjust the position of the box and the height of the fixture above the table.
- 2 The **1.5 mm** thick cables are made of sturdy and resistant elastomer material. For this reason and because the operating voltage on the lamp is safe and does not exceed **36V**, the fixture can be suspended solely on the power cables.
- 3 Ceiling brackets painted in the same colour as the fixture, equipped with plastic pressure screws that do not damage the power wires.
- 4 Made of turned aluminium, the ends have no visible mounting screws. They are also holders for the power cables.
- 5 The light modules are always painted black to reduce glare. The clever design allows you to remove the module and replace only non-functional components, thus ensuring the longevity of the entire product. Appropriately selected elements ensure an adequate luminous flux for up to **60,000h**.
- 6 The micro lenses, just 10 mm in diameter, direct light at a 39° angle, ensuring adequate illumination of the surface beneath the fixture. The total inner reflection (TIR) lens is made of optical polycarbonate.
- 7 Power LEDs with high CRI90, modules designed by LABRA and customized for the PURA series. Properly selected cooling ensures the long lifetime of diodes.
- 8 Body made of thin-walled aluminium profile – in the longest version, it weighs only 0.65 kg. This makes the entire fixture lightweight, not only in visual terms. The 16 mm diameter means that, despite its size, the fixture does not dominate the space in which it is used.

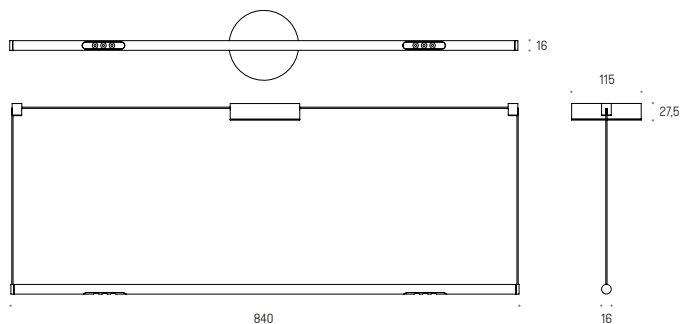


Model		On—Off	Switch DIM	DALI2	PhaseCut	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
Pura	⊕					.02	.03	.99	.927	.930	.940
1 Pura 16.9 ZW	11W 880lm, 39°	5.3655	5.3656	5.3657	5.3658	•	•	•	•	•	•
2 Pura 16.14 ZW	16W 1320lm, 39°	5.3659	5.3660	5.3661	5.3662	•	•	•	•	•	•
3 Pura 16.19 ZW	20W 1760lm, 39°	5.3663	5.3664	5.3665	5.3666	•	•	•	•	•	•

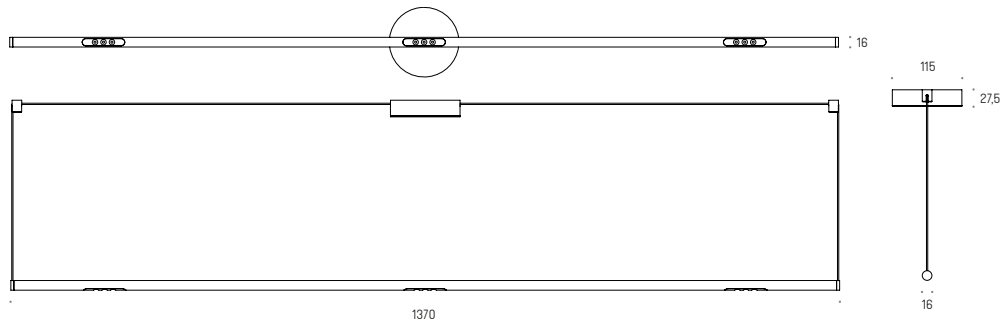


Pura

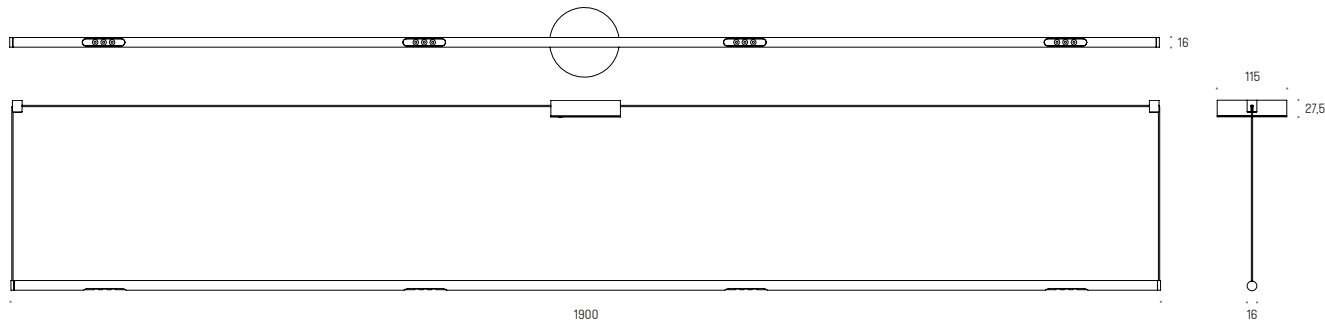
1



2



3





ray — ray evo

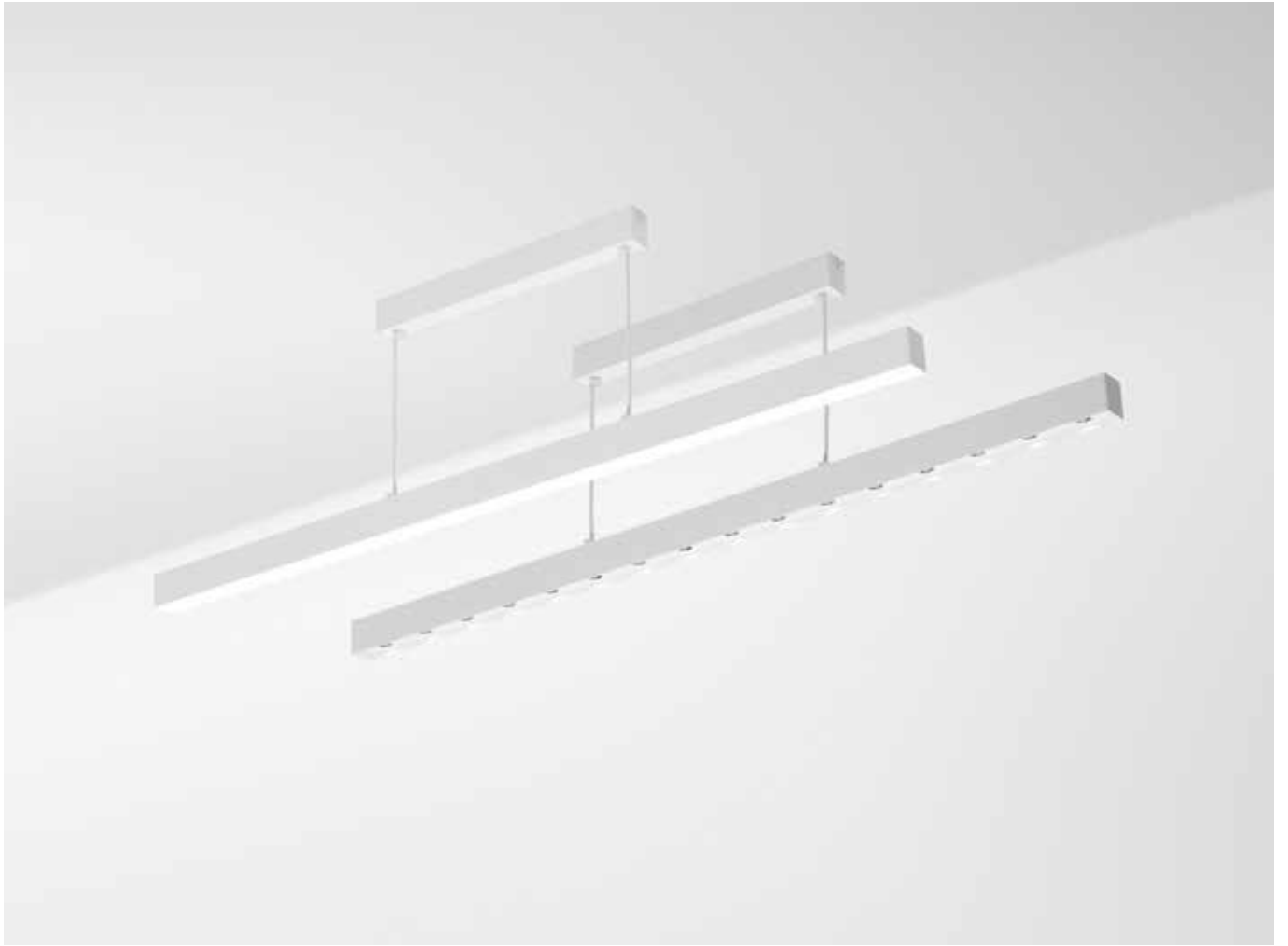


new
model

Ray is a family of linear luminaires with various lengths and mounting methods. In standard models, the LED is housed behind a frosted opal polycarbonate (DF) cover ideal for general lighting, or a satin microprismatic (MP) cover that provides improved glare protection for the eye. The multi-dot version features round, integrated LEDs with TIR lenses. Both Ray versions come in a variety of mounting options — surface, recessed, pendant, or wall mounted. The profiles come in several lengths, with each linear light model having two versions: a weaker and

a stronger one. Ray's minimalist shape is perfect for bathrooms and various types of office interiors (conference rooms, workstations, passageways).

Ray Evo is based on a new main profile — this way, the power supply is located inside the body, which, in the case of surface-mounted and pendant lamps, makes the whole structure slimmer and a special box is no longer required. The two main versions are luminaires with Lightline linear modules and a new variety with Shift In spot modules.



ray ZW / ray ZW multi.dot



ray KN



ray KN multi.dot

**IF
THE PLAN
DOESN'T
WORK
CHANGE
THE PLAN
BUT NEVER
THE GOAL**

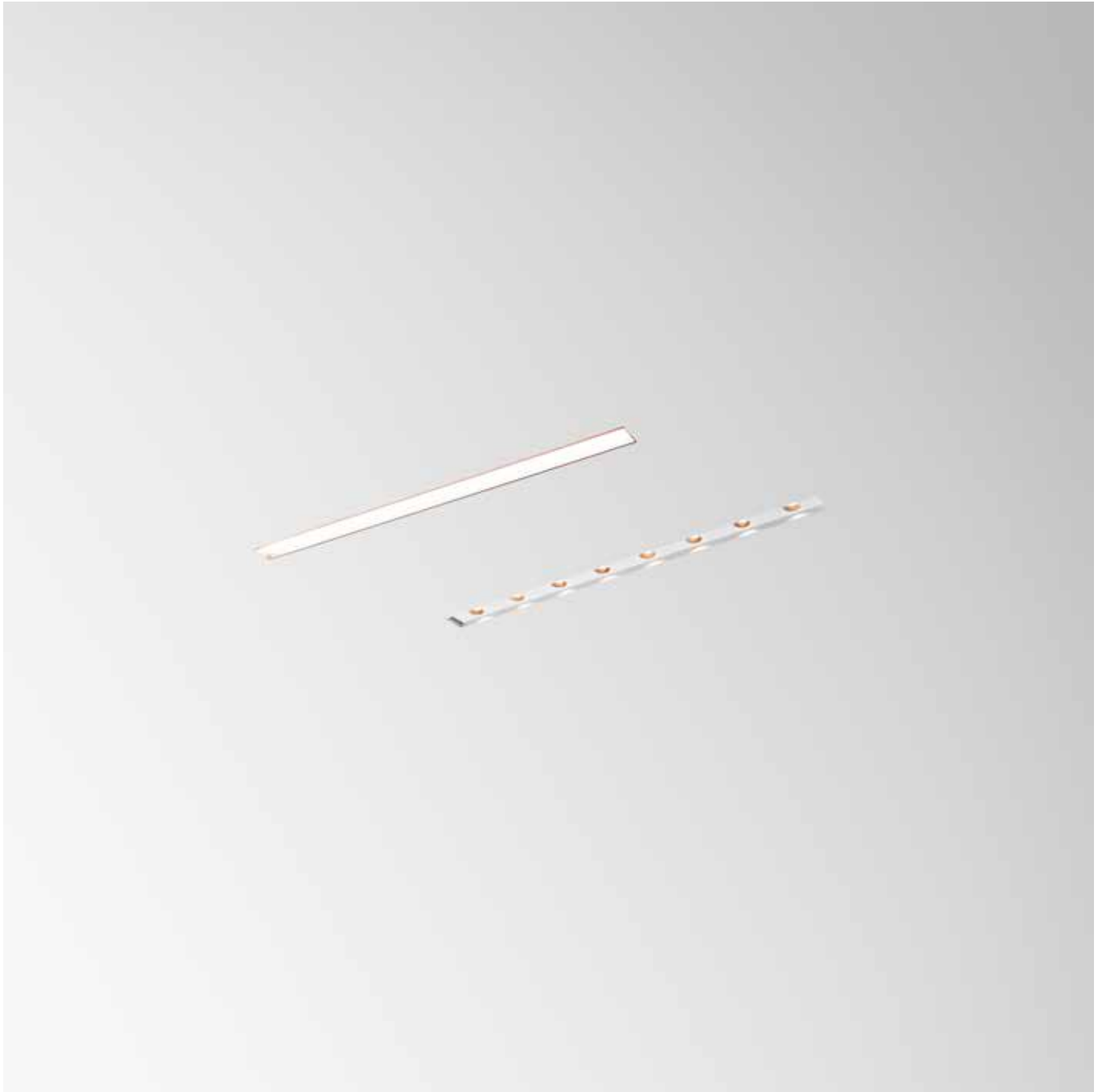
BESIGN Studio Arch. Magdalena Borowiec

for. Jakub Nanowski, Michał Morzy

light thinking



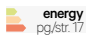




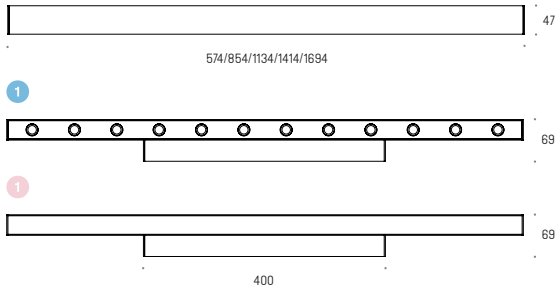
ray WP lightline / ray WP multi.dot

ray

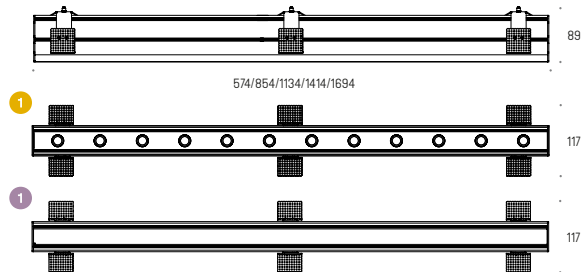
Model		On—Off	Switch Dim	DALI2	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
					.02	.03	.99	.927	.930	.940
Ray KN multi.dot (wall) ⊕										
1	574mm	17W 1600lm, 47°	1.2250	1.3561	1.2251	•	•	•	•	•
	854mm	26W 2400lm, 47°	1.2252	1.3562	1.2253	•	•	•	•	•
	1134mm	34W 3200lm, 47°	1.2254	1.3563	1.2255	•	•	•	•	•
	1414mm	42W 4000lm, 47°	1.2256	1.3564	1.2257	•	•	•	•	•
Ray WP multi.dot (recessed) ⊕										
1	574mm	17W 1600lm, 47°	4.2266	4.3569	4.2267	•	•	•	•	•
	854mm	26W 2400lm, 47°	4.2268	4.3570	4.2269	•	•	•	•	•
	1134mm	34W 3200lm, 47°	4.2270	4.3571	4.2271	•	•	•	•	•
	1414mm	42W 4000lm, 47°	4.2272	4.3572	4.2273	•	•	•	•	•
Ray ZW multi.dot (suspended) ⊕										
1	574mm	17W 1600lm, 47°	5.2274	5.3573	5.2275	•	•	•	•	•
	854mm	26W 2400lm, 47°	5.2276	5.3574	5.2277	•	•	•	•	•
	1134mm	34W 3200lm, 47°	5.2278	5.3575	5.2279	•	•	•	•	•
	1414mm	42W 4000lm, 47°	5.2280	5.3576	5.2281	•	•	•	•	•



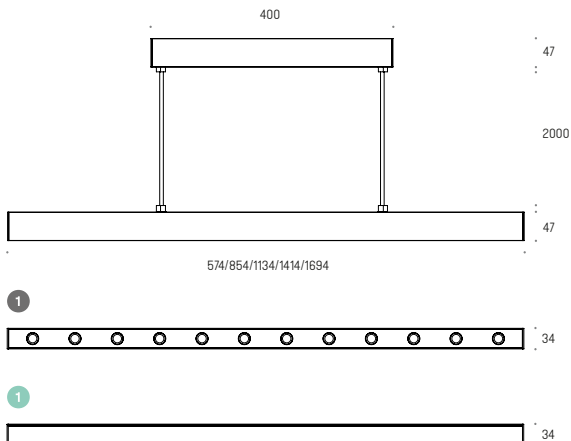
Ray KN multi.dot / lightline



Ray WP multi.dot / lightline



Ray ZW multi.dot / lightline



Model		On—Off	Switch Dim	DALI2	Black			White			Mixed			CRI90 2700K			CRI90 3000K			CRI90 4000K			Diffused		Microprismatic	
					.02	.03	.99	.927	.930	.940	.DF	.MP														
Ray KN (wall) ☉																										
304mm LP	8W 850lm	6.0600																								
574mm LP	15W 1700lm	6.0601	6.3516	6.1565																						
574mm HP	26W 3400lm	6.0602	6.3517	6.1566																						
854mm LP	21W 2550lm	6.0603	6.3518	6.1567																						
854mm HP	40W 5100lm	6.0604	6.3519	6.1568																						
1134mm LP	27W 3400lm	6.0605	6.3520	6.1569																						
1134mm HP	53W 6800lm	6.0606	6.3521	6.1570																						
1414mm LP	34W 4300lm	6.0607	6.3522	6.1571																						
1414mm HP	65W 8500lm	6.0608	6.3523	6.1572																						
1694mm LP	40W 5100lm	6.0609	6.3524	6.1573																						
1694mm HP	78W 10200lm	6.0610	6.3525	6.1574																						
Ray WP (recessed) ☉																										
574mm LP	15W 1700lm	6.0914	6.3536	6.1738																						
574mm HP	26W 3400lm	6.0635	6.3537	6.1595																						
854mm LP	21W 2550lm	6.0915	6.3538	6.1739																						
854mm HP	40W 5100lm	6.0637	6.3539	6.1597																						
1134mm LP	27W 3400lm	6.0916	6.3540	6.1740																						
1134mm HP	53W 6800lm	6.0639	6.3541	6.1599																						
1414mm LP	34W 4300lm	6.0917	6.3542	6.1741																						
1414mm HP	65W 8500lm	6.0641	6.3543	6.1601																						
1694mm LP	40W 5100lm	6.0918	6.3544	6.1742																						
1694mm HP	78W 10200lm	6.0643	6.3545	6.1603																						
Ray ZW (suspended) ☉																										
574mm LP	15W 1700lm	6.0622	6.3551	6.1585																						
574mm HP	26W 3400lm	6.0623	6.3552	6.1586																						
854mm LP	21W 2550lm	6.0624	6.3553	6.1587																						
854mm HP	40W 5100lm	6.0625	6.3554	6.1588																						
1134mm LP	27W 3400lm	6.0626	6.3555	6.1589																						
1134mm HP	53W 6800lm	6.0627	6.3556	6.1590																						
1414mm LP	34W 4300lm	6.0628	6.3557	6.1591																						
1414mm HP	65W 8500lm	6.0629	6.3558	6.1592																						
1694mm LP	40W 5100lm	6.0630	6.3559	6.1593																						
1694mm HP	78W 10200lm	6.0631	6.3560	6.1594																						



— shift in WP ↑

— shift in NT ↑

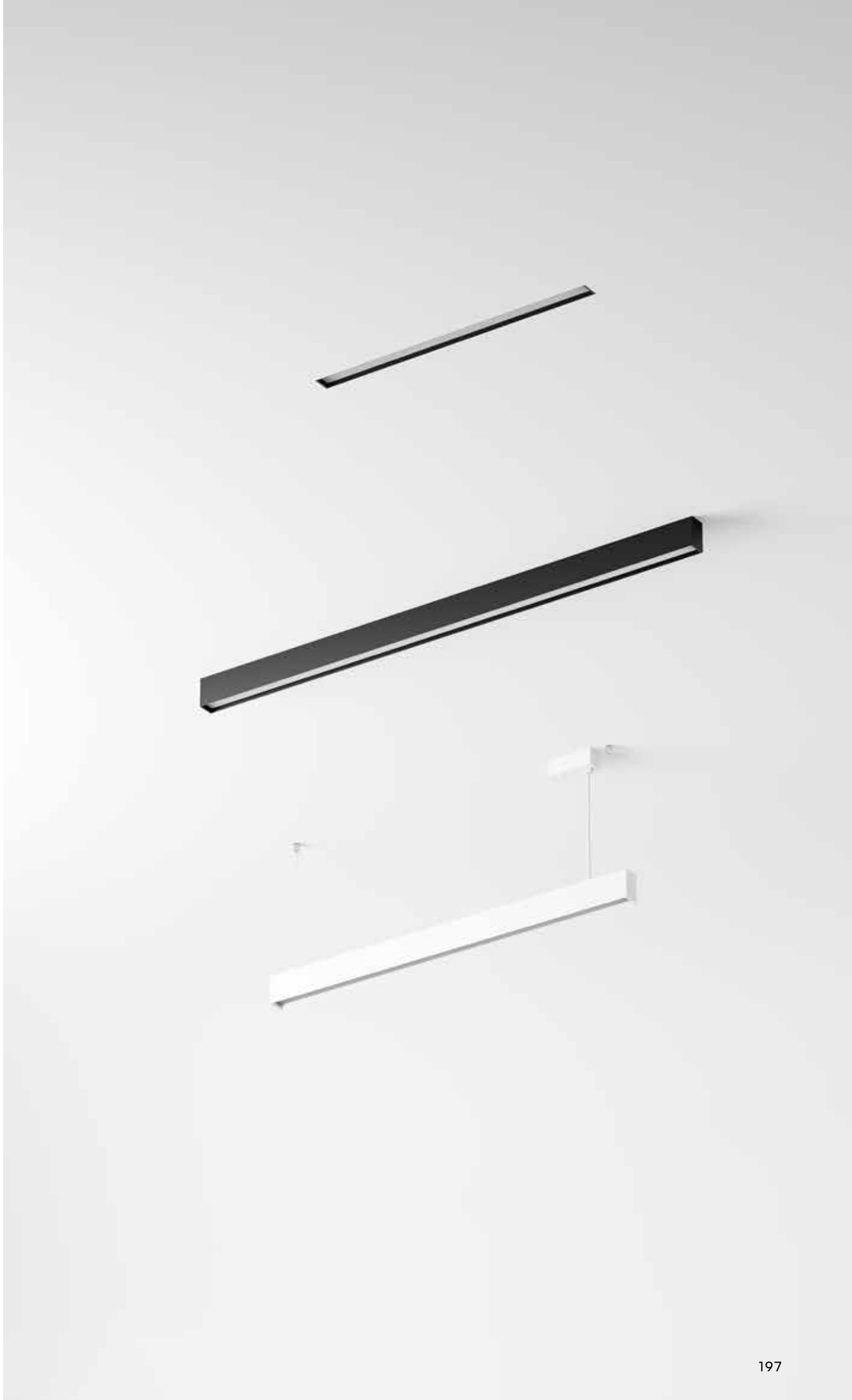
— shift in ZW ↑

ray evo set

— lightline ZW ↓

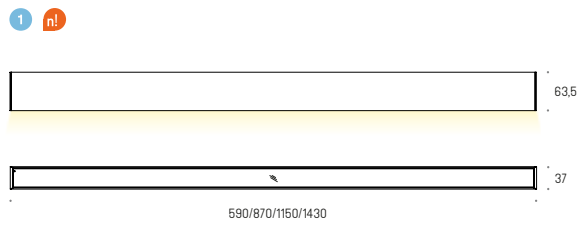
— lightline NT ↓

— lightline WP ↓

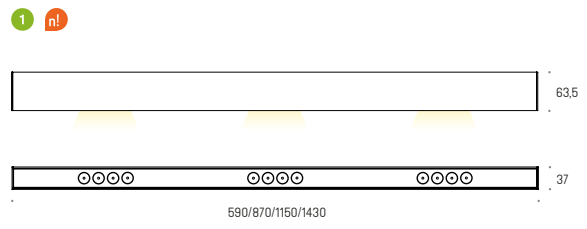


ray evo set

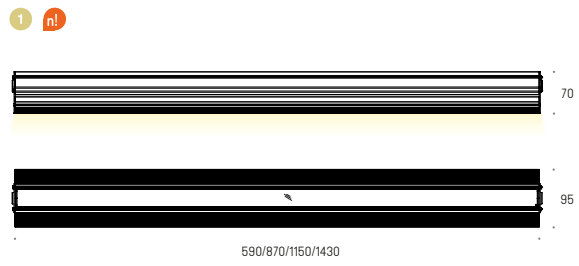
Ray Evo Set Lightline NT



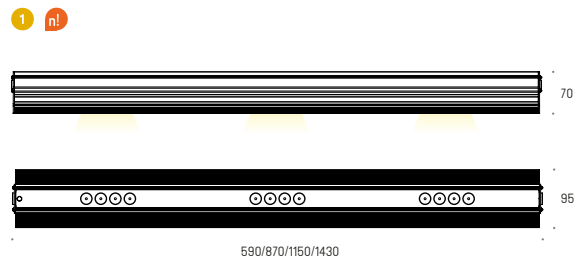
Ray Evo Set Shift In NT



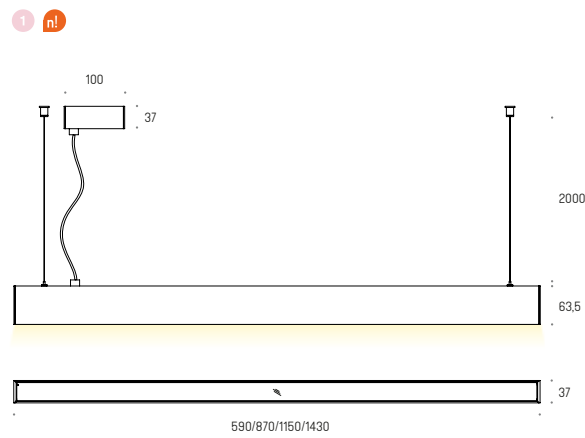
Ray Evo Set Lightline WP



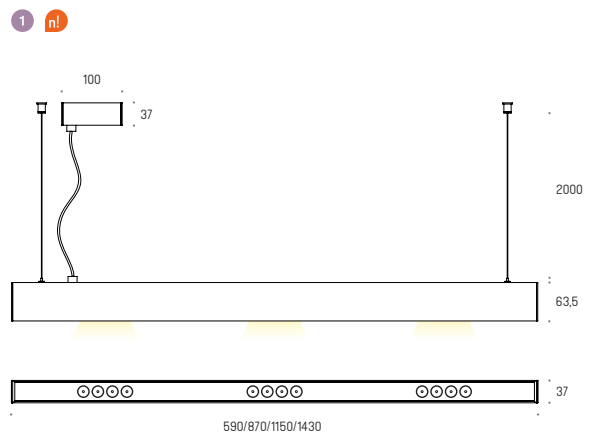
Ray Evo Set Shift In WP



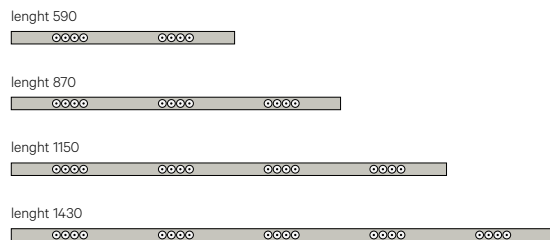
Ray Evo Set Lightline ZW



Ray Evo Set Shift In ZW



Shift In — Optics distribution depending on the length - all versions



Model		On—Off	Switch DIM	DALI2	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Diffused	Microprismatic
					.02	.03	.99	.927	.930	.940	.DF	.MP
Ray Evo Set NT — Lightline (surface) ⊕												
1	Lightline 590 LP	14W 690lm	3.3404	3.3405	3.3406	•	•	•	•	•	•	•
	Lightline 870 LP	20W 1040lm	3.3407	3.3408	3.3409	•	•	•	•	•	•	•
	Lightline 1150 LP	27W 1390lm	3.3410	3.3411	3.3412	•	•	•	•	•	•	•
	Lightline 1430 LP	33W 1730lm	3.3413	3.3414	3.3415	•	•	•	•	•	•	•
	Lightline 590 HP	27W 1280lm	3.3416	3.3417	3.3418	•	•	•	•	•	•	•
	Lightline 870 HP	39W 1920lm	3.3419	3.3420	3.3421	•	•	•	•	•	•	•
	Lightline 1150 HP	53W 2560lm	3.3422	3.3423	3.3424	•	•	•	•	•	•	•
	Lightline 1430 HP	65W 3200lm	3.3425	3.3426	3.3427	•	•	•	•	•	•	•
Ray Evo Set WP — Lightline (recessed) ⊕												
1	Lightline 590 LP	14W 690lm	4.3440	4.3441	4.3442	•	•	•	•	•	•	•
	Lightline 870 LP	20W 1040lm	4.3443	4.3444	4.3445	•	•	•	•	•	•	•
	Lightline 1150 LP	27W 1390lm	4.3446	4.3447	4.3448	•	•	•	•	•	•	•
	Lightline 1430 LP	33W 1730lm	4.3449	4.3450	4.3451	•	•	•	•	•	•	•
	Lightline 590 HP	27W 1280lm	4.3452	4.3453	4.3454	•	•	•	•	•	•	•
	Lightline 870 HP	39W 1920lm	4.3455	4.3456	4.3457	•	•	•	•	•	•	•
	Lightline 1150 HP	53W 2560lm	4.3458	4.3459	4.3460	•	•	•	•	•	•	•
	Lightline 1430 HP	65W 3200lm	4.3461	4.3462	4.3463	•	•	•	•	•	•	•
Ray Evo Set ZW — Lightline (suspended) ⊕												
1	Lightline 590 LP	14W 690lm	5.3476	5.3477	5.3478	•	•	•	•	•	•	•
	Lightline 870 LP	20W 1040lm	5.3479	5.3480	5.3481	•	•	•	•	•	•	•
	Lightline 1150 LP	27W 1390lm	5.3482	5.3483	5.3484	•	•	•	•	•	•	•
	Lightline 1430 LP	33W 1730lm	5.3485	5.3486	5.3487	•	•	•	•	•	•	•
	Lightline 590 HP	27W 1280lm	5.3488	5.3489	5.3490	•	•	•	•	•	•	•
	Lightline 870 HP	39W 1920lm	5.3491	5.3492	5.3493	•	•	•	•	•	•	•
	Lightline 1150 HP	53W 2560lm	5.3494	5.3495	5.3496	•	•	•	•	•	•	•
	Lightline 1430 HP	65W 3200lm	5.3497	5.3498	5.3499	•	•	•	•	•	•	•
Ray Evo Set NT — Shift In (surface) ⊕												
1	Shift In 590	19W 1400lm, 47°	3.3428	3.3429	3.3430	•	•	•	•	•	•	•
	Shift In 870	27W 2100lm, 47°	3.3431	3.3432	3.3433	•	•	•	•	•	•	•
	Shift In 1150	36W 2800lm, 47°	3.3434	3.3435	3.3436	•	•	•	•	•	•	•
	Shift In 1430	44W 3500lm, 47°	3.3437	3.3438	3.3439	•	•	•	•	•	•	•
Ray Evo Set WP — Shift In (recessed) ⊕												
1	Shift In 590	19W 1400lm, 47°	4.3464	4.3465	4.3466	•	•	•	•	•	•	•
	Shift In 870	27W 2100lm, 47°	4.3467	4.3468	4.3469	•	•	•	•	•	•	•
	Shift In 1150	36W 2800lm, 47°	4.3470	4.3471	4.3472	•	•	•	•	•	•	•
	Shift In 1430	44W 3500lm, 47°	4.3473	4.3474	4.3475	•	•	•	•	•	•	•
Ray Evo Set ZW — Shift In (Suspended) ⊕												
1	Shift In 590	19W 1400lm, 47°	5.3500	5.3501	5.3502	•	•	•	•	•	•	•
	Shift In 870	27W 2100lm, 47°	5.3503	5.3504	5.3505	•	•	•	•	•	•	•
	Shift In 1150	36W 2800lm, 47°	5.3506	5.3507	5.3508	•	•	•	•	•	•	•
	Shift In 1430	44W 3500lm, 47°	5.3509	5.3510	5.3511	•	•	•	•	•	•	•



ray evo system

nova
rodzina

custom
system

The RAY EVO SYSTEM is a new, modernised lighting profile system with huge possibilities. The solution is based on dedicated aluminium profiles for surface, suspended and flush mounting. The great advantage of this solution is the multitude of lighting modules, from light lines through movable spotlights to pendant luminaires.

An important feature of the system is its modularity. In addition to the light lines, all luminaires are based on unified carrier modules, each of identical length, which makes them easily interchangeable. The module is installed by clicking it into the main profile.

The system's power supply is based on 230V mains voltage, which means that the total power of the set is up to 1000W per circuit. This gives great possibilities even in the case of very complex configurations.

Each luminaire is equipped with a dedicated electronic power supply and louvre system connectors. With the ability to use DALI2 power supplies, we have full control over each individual module. What is important, by using a DALI2 solution, you gain the ability to independently control two circuits simultaneously.









ray evo system — profile NT / WP



stik on 35x1



shift in 8x1

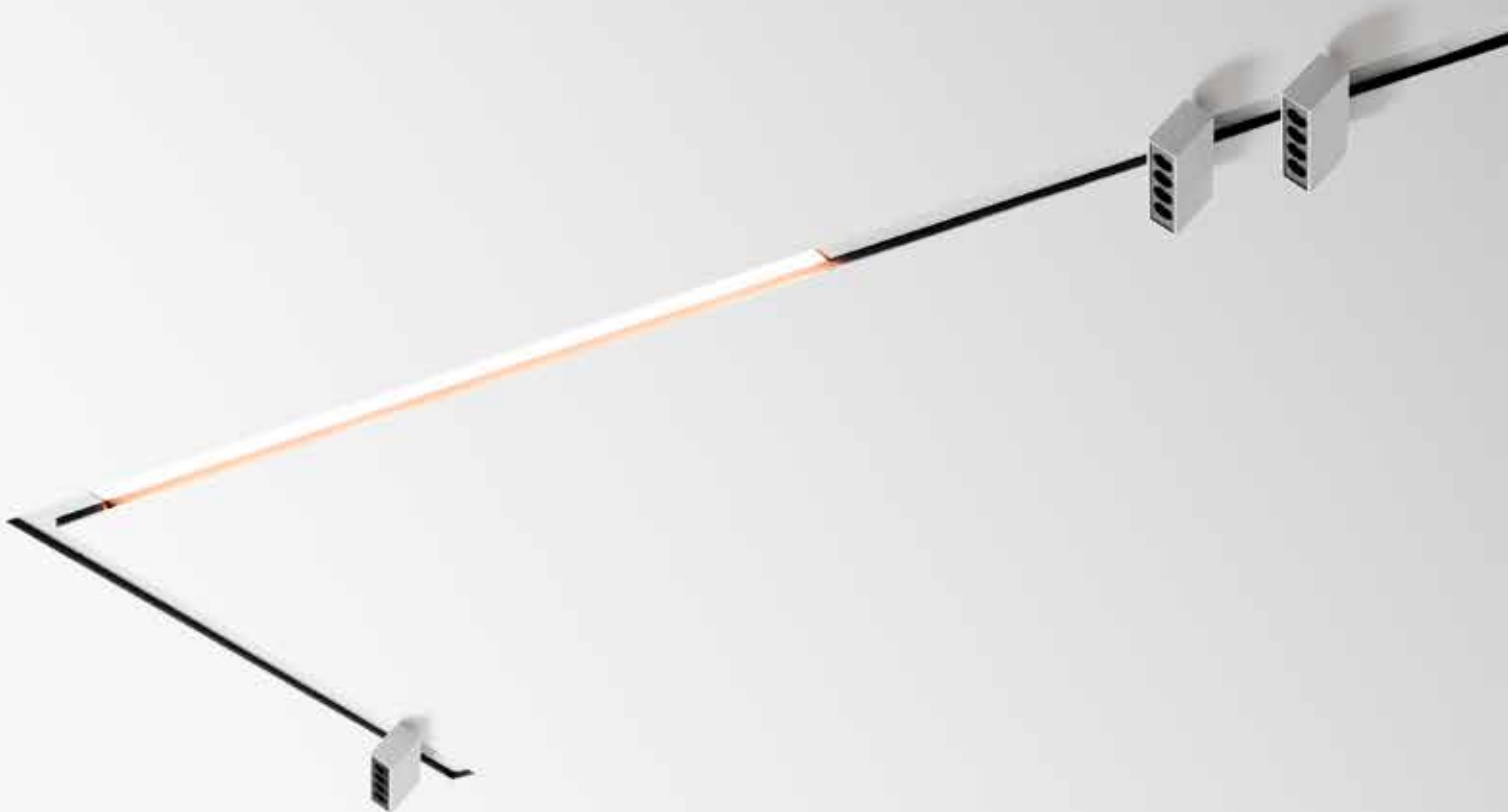


KAMA MUCHA

for. Krzysztof Zgola

light thinking







geit flat x2



connection accessories



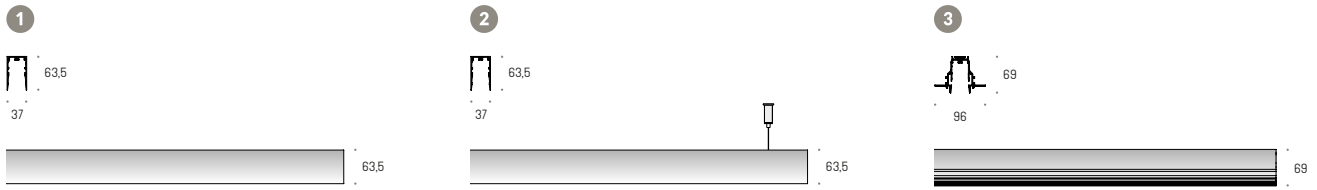
shift on x2



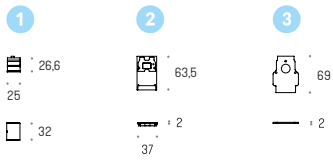
stik 25 ZW x2

ray evo system

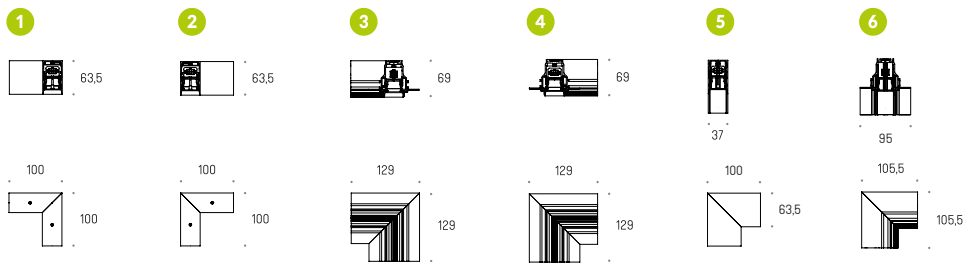
Ray Evo System — profiles



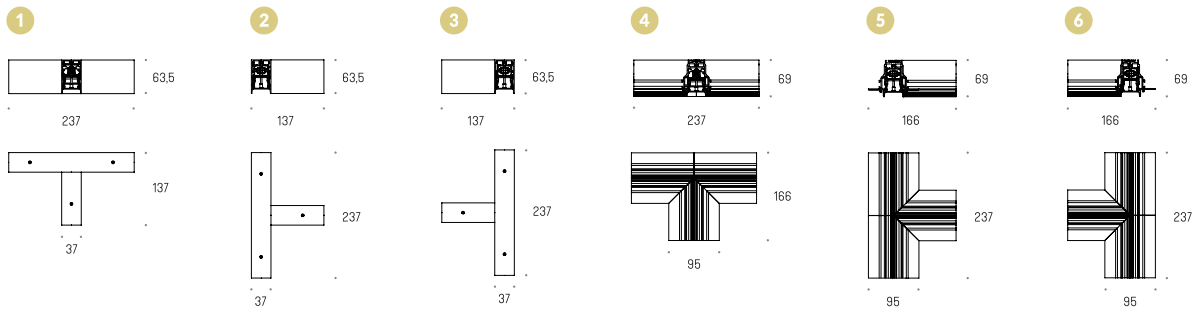
Ray Evo System — end caps



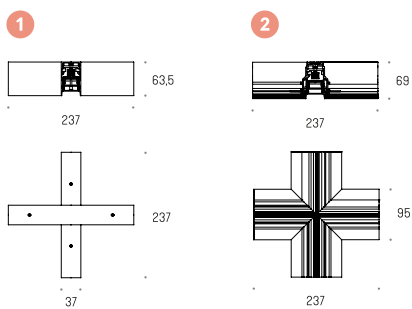
Ray Evo System — connectors 'L'



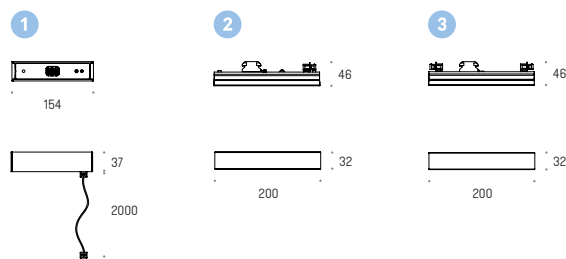
Ray Evo System — connectors 'T'



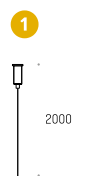
Ray Evo System — connectors 'X'



Ray Evo System — power supply



Ray Evo System — pendant mounting

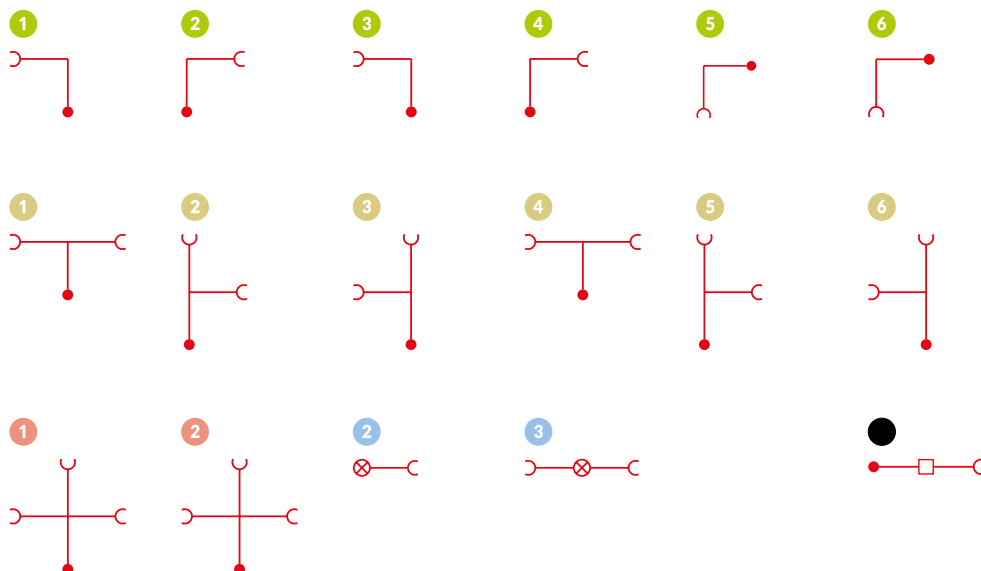


Model	Components	Black	White	Mixed
Ray Evo System — profiles ⊕		.02	.03	.99
1	Profile NT surface	6.2920	• • •	
2	Profile ZW suspended	6.2921	• • •	
3	Profile WP recessed-trimless	6.2922	•	
Ray Evo System — end caps ⊕				
1	Profile WP pull-out plug	6.2923	• • •	
2	Profile NT/ZW end cap	6.2924	• • •	
3	Profile WP end cap	6.2925	• • •	
Ray Evo System — connectors „L” ⊕				
1	System NT/ZW corner Left	6.2926	• • •	
2	System NT/ZW corner Right	6.2927	• • •	
3	System WP corner Left	6.2928	• • •	
4	System WP corner Right	6.2929	• • •	
5	System NT/ZW corner Ceiling-to-Wall	6.2930	• • •	
6	System WP corner Ceiling-to-Wall	6.2931	• • •	
Ray Evo System — Connectors „T” ⊕				
1	System NT/ZW Right-Left	6.2932	• • •	
2	System NT/ZW Straight-Right	6.2933	• • •	
3	System NT/ZW Straight-Left	6.2934	• • •	
4	System WP Right-Left	6.2935	• • •	
5	System WP Straight-Right	6.2936	• • •	
6	System WP Straight-Left	6.2937	• • •	
Ray Evo System — connectors „X” ⊕				
1	System NT/ZW cross connector X	6.2938	• • •	
2	System WP cross connector X	6.2939	• • •	
Ray Evo System — power supply ⊕				
1	System ZW Pendant power supply	6.2940	• • •	
2	System NT/ZW/WP End Feed	6.2941	• • •	
3	System NT/ZW/WP Middle Feed	6.2942	• • •	
Ray Evo System — suspension				
1	System ZW suspension cord 2mb + mounting	6.2344		

• Black Anode

* The system is made for the client's project

Electric diagrams for switches and power modules

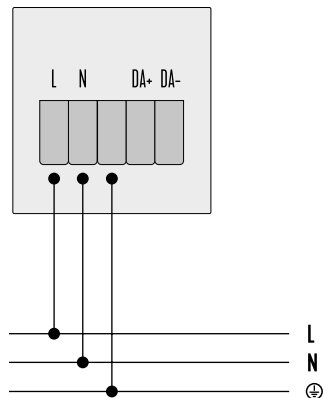


Electric diagram
lighting modules / luminaires

ray evo system — electrical diagrams

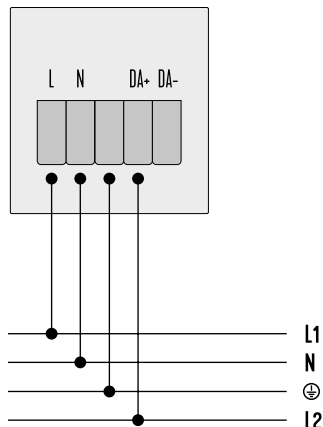
One ON-OFF circuit

Only luminaires with the Circuit 1 designation can be selected. This allows you to create a single circuit – all luminaires are turned on and off simultaneously.



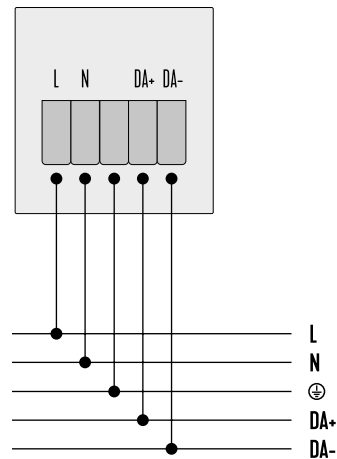
Two ON-OFF circuits simultaneously

It requires you to select two groups of luminaires at the same time, labelled circuit 1 and circuit 2. This allows you to create two separate circuits, switched on and off separately.



One circuit ON-OFF + DALI2 diming

It requires using lamps with DALI2 marking. This allows you to create a single circuit with full digital control. Each luminaire can be switched on and controlled separately.



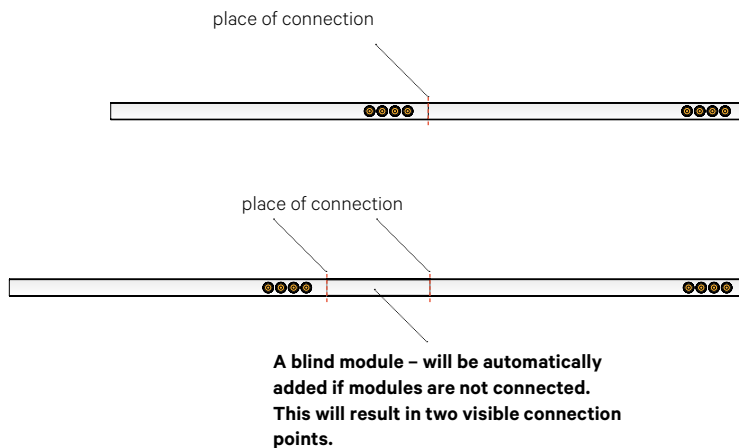
Visibility of connections between modules

The modularity of the system forces a larger than normal number of visible module connection / contact points.

We strongly recommend connecting modules directly to each other without leaving empty spaces or designing dead modules with increased length.

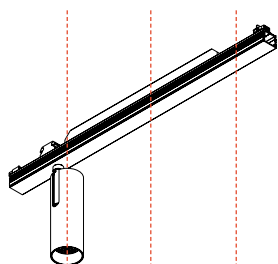
Any empty space between modules will be filled with appropriate caps.

This applies ONLY to light / dead modules.
Straight sections of main profiles are always produced in the maximum length without joints (max. 1800mm).

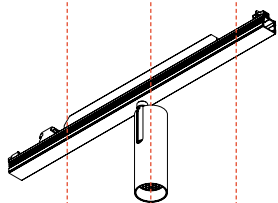


Module versions — RIGHT | CENTRAL | LEFT

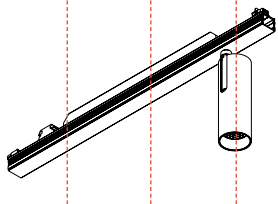
Each light module is available in three positions relative to the mounting profile. This makes it easier to plan the distance between the fixture heads. See example below.



Stik On 55x1— LEFT



Stik On 55x1 — CENTRAL

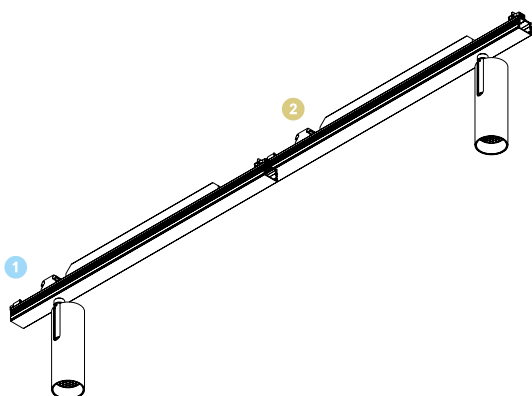


Stik On 55x1 — RIGHT

Example 1 — LEFT | RIGHT

The selected light modules (fixture heads) are far apart. Selected in the following order:

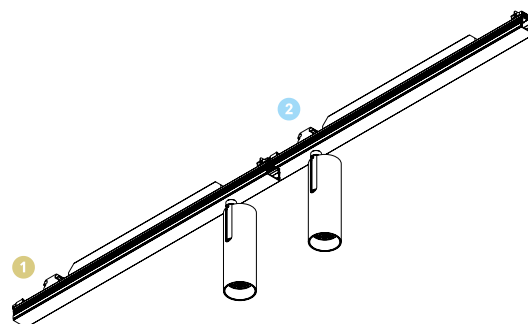
- 1 Stik On 55x1 | LEFT
- 2 Stik On 55x1 | RIGHT



Example 2 — RIGHT | LEFT

The selected light modules (fixture heads) are far close together. Selected in the following order:

- 1 Stik On 55x1 | RIGHT
- 2 Stik On 55x1 | LEFT



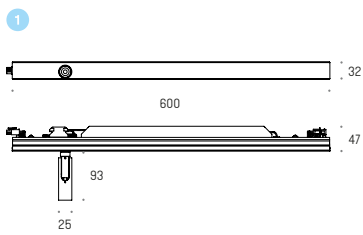
ray evo system

Model			On—Off (circuit 1)	On—Off (circuit 2)	DALI2	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 17°	Medium 34°	Wide 56°
						.02	.03	.99	.927	.930	.940	.S	.M	.W
System — Stik On 25														
1	25 x1 — LEFT	1x6.4W, 290lm, 45°	6.3093	6.3094	6.3095	•	•	•	•	•	•			
	25 x1 — CENTRAL	1x6.4W, 290lm, 45°	6.3096	6.3097	6.3098	•	•	•	•	•	•			
	25 x1 — RIGHT	1x6.4W, 290lm, 45°	6.3099	6.3100	6.3101	•	•	•	•	•	•			
2	25 x2 — LEFT	2x6.4W, 290lm, 45°	6.3102	6.3103	6.3104	•	•	•	•	•	•			
	25 x2 — CENTRAL	2x6.4W, 290lm, 45°	6.3105	6.3106	6.3107	•	•	•	•	•	•			
	25 x2 — RIGHT	2x6.4W, 290lm, 45°	6.3108	6.3109	6.3110	•	•	•	•	•	•			
System — Stik On 35 (spot)														
3	35 x1 — LEFT	1x9W, 560lm, 35°	6.3165	6.3166	6.3167	•	•	•	•	•	•			
	35 x1 — CENTRAL	1x9W, 560lm, 35°	6.3168	6.3169	6.3170	•	•	•	•	•	•			
	35 x1 — RIGHT	1x9W, 560lm, 35°	6.3171	6.3172	6.3173	•	•	•	•	•	•			
4	35 x2 — LEFT	2x9W, 560lm, 35°	6.3174	6.3175	6.3176	•	•	•	•	•	•			
	35 x2 — CENTRAL	2x9W, 560lm, 35°	6.3177	6.3178	6.3179	•	•	•	•	•	•			
	35 x2 — RIGHT	2x9W, 560lm, 35°	6.3180	6.3181	6.3182	•	•	•	•	•	•			
System — Stik On 55 (spot)														
5	55 x1 — LEFT	1x14W, 1050lm	6.3183	6.3184	6.3185	•	•	•	•	•	•	•	•	•
	55 x1 — CENTRAL	1x14W, 1050lm	6.3186	6.3187	6.3188	•	•	•	•	•	•	•	•	•
	55 x1 — RIGHT	1x14W, 1050lm	6.3189	6.3190	6.3191	•	•	•	•	•	•	•	•	•
6	55 x2 — LEFT	2x14W, 1050lm	6.3192	6.3193	6.3194	•	•	•	•	•	•	•	•	•
	55 x2 — CENTRAL	2x14W, 1050lm	6.3195	6.3196	6.3197	•	•	•	•	•	•	•	•	•
	55 x2 — RIGHT	2x14W, 1050lm	6.3198	6.3199	6.3200	•	•	•	•	•	•	•	•	•
System — Multi.dot														
7	Multi.dot 570	19W, 1540lm, 53°	6.3237	6.3238	6.3239	•	•	•	•	•	•			
	Multi.dot 850	27W, 2300lm, 53°	6.3240	6.3241	6.3242	•	•	•	•	•	•			
	Multi.dot 1130	36W, 3000lm, 53°	6.3243	6.3244	6.3245	•	•	•	•	•	•			
	Multi.dot 1410	45W, 3800lm, 53°	6.3246	6.3247	6.3248	•	•	•	•	•	•			

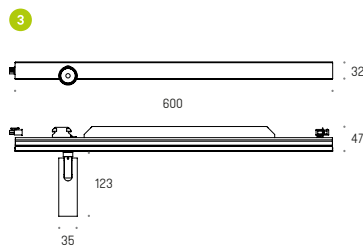
• CR190



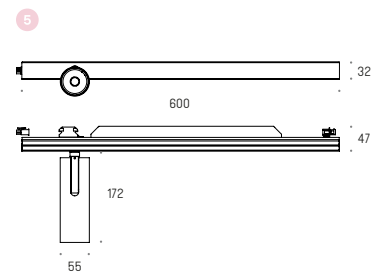
Stik On 25x1 (lewy)



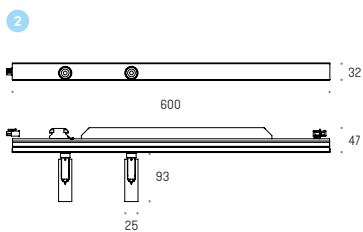
Stik On 35x1 (lewy)



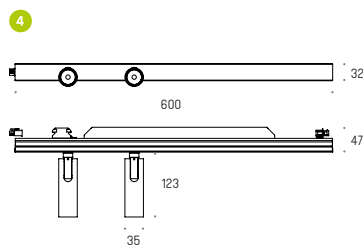
Stik On 55x1 (lewy)



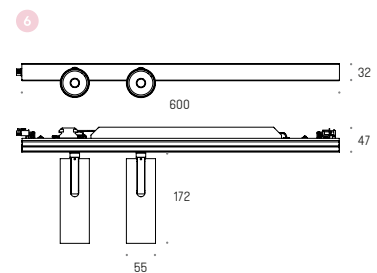
Stik On 25x2 (lewy)



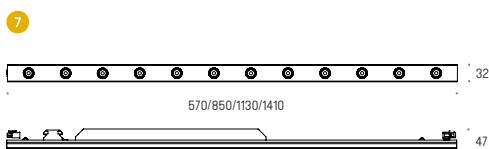
Stik On 35x2 (lewy)



Stik On 55x2 (lewy)

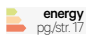


Multi.dot

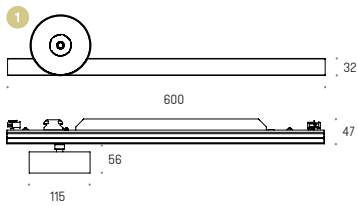


Model		On-Off (circuit 1)	On-Off (circuit 2)	DALI2	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 19°	Medium 40°	Wide 52°
					.02	.03	.99	.927	.930	.940	.S	.M	.M
System — Shift On (spot) ☉													
1	Shift On Move X1 — LEFT	1x10W, 830lm, 51°	6.3201	6.3202	6.3203	•	•	•	•	•			
	Shift On Move X1 — CENTRAL	1x10W, 830lm, 51°	6.3204	6.3205	6.3206	•	•	•	•	•			
	Shift On Move X1 — RIGHT	1x10W, 830lm, 51°	6.3207	6.3208	6.3209	•	•	•	•	•			
2	Shift On Move X2 — LEFT	2x10W, 830lm, 51°	6.3210	6.3211	6.3212	•	•	•	•	•			
	Shift On Move X2 — CENTRAL	2x10W, 830lm, 51°	6.3213	6.3214	6.3215	•	•	•	•	•			
	Shift On Move X2 — RIGHT	2x10W, 830lm, 51°	6.3216	6.3217	6.3218	•	•	•	•	•			
System — Shift In ☉													
3	Shift In X4 — LEFT	1x10W, 830lm, 51°	6.3219	6.3220	6.3221	•	•	•	•	•			
	Shift In X4 — CENTRAL	1x10W, 830lm, 51°	6.3222	6.3223	6.3224	•	•	•	•	•			
	Shift In X4 — RIGHT	1x10W, 830lm, 51°	6.3225	6.3226	6.3227	•	•	•	•	•			
4	Shift In X8 — LEFT	1x20W, 1660lm, 51°	6.3228	6.3229	6.3230	•	•	•	•	•			
	Shift In X8 — CENTRAL	1x20W, 1660lm, 51°	6.3231	6.3232	6.3233	•	•	•	•	•			
	Shift In X8 — RIGHT	1x20W, 1660lm, 51°	6.3234	6.3235	6.3236	•	•	•	•	•			
System — Geit Flat (spot) ☉													
5	Geit Flat x1 — LEFT	1x11W, 950lm	6.2943	6.2944	6.2945	•	•	•	•	•	•	•	•
	Geit Flat x1 — CENTRAL	1x11W, 950lm	6.2946	6.2947	6.2948	•	•	•	•	•	•	•	•
	Geit Flat x1 — RIGHT	1x11W, 950lm	6.2949	6.2950	6.2951	•	•	•	•	•	•	•	•
6	Geit Flat x2 — LEFT	2x11W, 950lm	6.2952	6.2953	6.2954	•	•	•	•	•	•	•	•
	Geit Flat x2 — CENTRAL	2x11W, 950lm	6.2955	6.2956	6.2957	•	•	•	•	•	•	•	•
	Geit Flat x2 — RIGHT	2x11W, 950lm	6.2958	6.2959	6.2960	•	•	•	•	•	•	•	•
System — Lightline ☉													
7	Lightline 570mm LP	14W, 700lm	6.2961	6.2962	6.2963	•	•	•	•	•			
	Lightline 850mm LP	20W, 1050lm	6.2964	6.2965	6.2966	•	•	•	•	•			
	Lightline 1130mm LP	26W, 1400lm	6.2967	6.2968	6.2969	•	•	•	•	•			
	Lightline 1410mm LP	33W, 1750lm	6.2970	6.2971	6.2972	•	•	•	•	•			
	Lightline 570mm HP	27W, 1400lm	6.2973	6.2974	6.2975	•	•	•	•	•			
	Lightline 850mm HP	39W, 1950lm	6.2976	6.2977	6.2978	•	•	•	•	•			
	Lightline 1130mm HP	49W, 2600lm	6.2979	6.2980	6.2981	•	•	•	•	•			
	Lightline 1410mm HP	62W, 3250lm	6.2982	6.2983	6.2984	•	•	•	•	•			

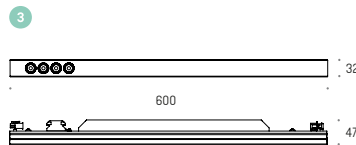
• CR190



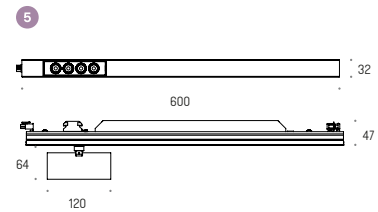
Geit Flat x1 (lewy)



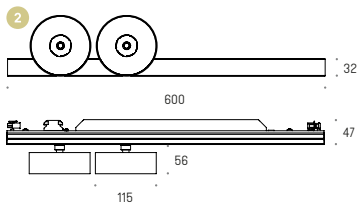
Shift In X4 (lewy)



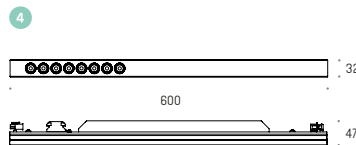
Shift On Move x1 (lewy)



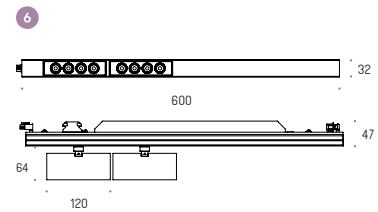
Geit Flat x2 (lewy)



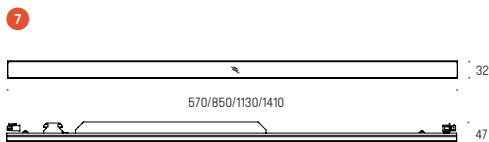
Shift In X8 (lewy)



Shift On Move x2 (lewy)



Lightline



ray evo system

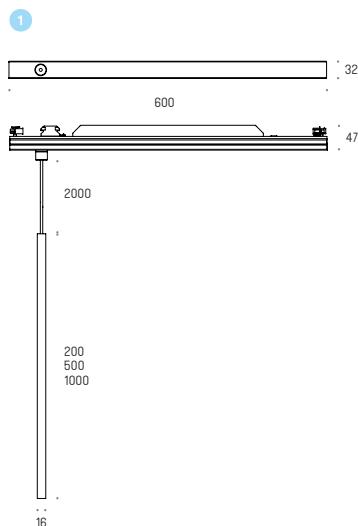
Model		On-Off (circuit 1)	On-Off (circuit 2)	DALI2	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
					.02	.03	.99	.927	.930	.940
System — STIK 16 ZW ☉										
1	1x 16.200 ZW — LEFT	1x7.8W, 300lm, 41°	6.2985	6.2986	6.2987	•	•	•	•	•
	1x 16.200 ZW — CENTRAL	1x7.8W, 300lm, 41°	6.2988	6.2989	6.2990	•	•	•	•	•
	1x 16.200 ZW — RIGHT	1x7.8W, 300lm, 41°	6.2991	6.2992	6.2993	•	•	•	•	•
	1x 16.500 ZW — LEFT	1x7.8W, 300lm, 41°	6.2994	6.2995	6.2996	•	•	•	•	•
	1x 16.500 ZW — CENTRAL	1x7.8W, 300lm, 41°	6.2997	6.2998	6.2999	•	•	•	•	•
	1x 16.500 ZW — RIGHT	1x7.8W, 300lm, 41°	6.3000	6.3001	6.3002	•	•	•	•	•
	1x 16.1000 ZW — LEFT	1x7.8W, 300lm, 41°	6.3003	6.3004	6.3005	•	•	•	•	•
	1x 16.1000 ZW — CENTRAL	1x7.8W, 300lm, 41°	6.3006	6.3007	6.3008	•	•	•	•	•
	1x 16.1000 ZW — RIGHT	1x7.8W, 300lm, 41°	6.3009	6.3010	6.3011	•	•	•	•	•
2	2x 16.200 ZW — LEFT	2x7.8W, 300lm, 41°	6.3012	6.3013	6.3014	•	•	•	•	•
	2x 16.200 ZW — CENTRAL	2x7.8W, 300lm, 41°	6.3015	6.3016	6.3017	•	•	•	•	•
	2x 16.200 ZW — RIGHT	2x7.8W, 300lm, 41°	6.3018	6.3019	6.3020	•	•	•	•	•
	2x 16.500 ZW — LEFT	2x7.8W, 300lm, 41°	6.3021	6.3022	6.3023	•	•	•	•	•
	2x 16.500 ZW — CENTRAL	2x7.8W, 300lm, 41°	6.3024	6.3025	6.3026	•	•	•	•	•
	2x 16.500 ZW — RIGHT	2x7.8W, 300lm, 41°	6.3027	6.3028	6.3029	•	•	•	•	•
	2x 16.1000 ZW — LEFT	2x7.8W, 300lm, 41°	6.3030	6.3031	6.3032	•	•	•	•	•
	2x 16.1000 ZW — CENTRAL	2x7.8W, 300lm, 41°	6.3033	6.3034	6.3035	•	•	•	•	•
	2x 16.1000 ZW — RIGHT	2x7.8W, 300lm, 41°	6.3036	6.3037	6.3038	•	•	•	•	•
System — STIK 25 ZW ☉										
3	1x 25.200 ZW — LEFT	1x6.4W, 290lm, 45°	6.3039	6.3040	6.3041	•	•	•	•	•
	1x 25.200 ZW — CENTRAL	1x6.4W, 290lm, 45°	6.3042	6.3043	6.3044	•	•	•	•	•
	1x 25.200 ZW — RIGHT	1x6.4W, 290lm, 45°	6.3045	6.3046	6.3047	•	•	•	•	•
	1x 25.500 ZW — LEFT	1x6.4W, 290lm, 45°	6.3048	6.3049	6.3050	•	•	•	•	•
	1x 25.500 ZW — CENTRAL	1x6.4W, 290lm, 45°	6.3051	6.3052	6.3053	•	•	•	•	•
	1x 25.500 ZW — RIGHT	1x6.4W, 290lm, 45°	6.3054	6.3055	6.3056	•	•	•	•	•
	1x 25.700 ZW — LEFT	1x6.4W, 290lm, 45°	6.3057	6.3058	6.3059	•	•	•	•	•
	1x 25.700 ZW — CENTRAL	1x6.4W, 290lm, 45°	6.3060	6.3061	6.3062	•	•	•	•	•
	1x 25.700 ZW — RIGHT	1x6.4W, 290lm, 45°	6.3063	6.3064	6.3065	•	•	•	•	•

c.d →

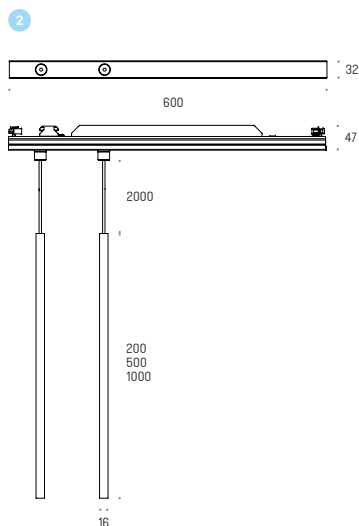
• CRI90



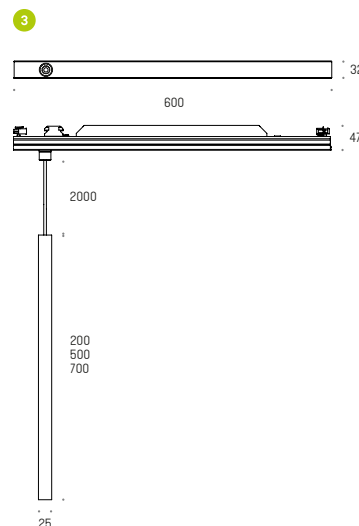
Stik 1x 16 ZW (lewy)



Stik 2x 16 ZW (lewy)



Stik 1x 25 ZW (lewy)

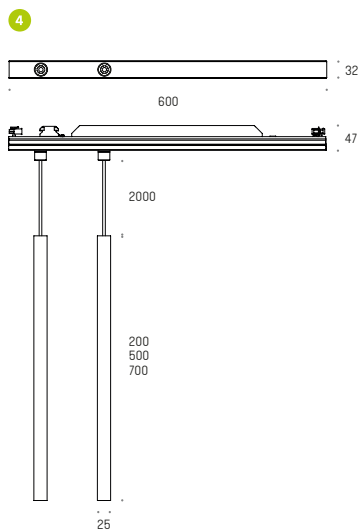


Model			On—Off (circuit 1)	On—Off (circuit 2)	DALI2	Black			White			Mixed			CRI98 2700K	CRI98 3000K	CRI98 4000K	
						.02	.03	.99	.927	.930	.940	.927	.930	.940				
System — STIK 25 ZW c.d.																		
4	2x 25.200 ZW — LEFT	2x6.4W, 290lm, 45°	6.3066	6.3067	6.3068													
	2x 25.200 ZW — CENTRAL	2x6.4W, 290lm, 45°	6.3069	6.3070	6.3071													
	2x 25.200 ZW — RIGHT	2x6.4W, 290lm, 45°	6.3072	6.3073	6.3074													
	2x 25.500 ZW — LEFT	2x6.4W, 290lm, 45°	6.3075	6.3076	6.3077													
	2x 25.500 ZW — CENTRAL	2x6.4W, 290lm, 45°	6.3078	6.3079	6.3080													
	2x 25.500 ZW — RIGHT	2x6.4W, 290lm, 45°	6.3081	6.3082	6.3083													
	2x 25.700 ZW — LEFT	2x6.4W, 290lm, 45°	6.3084	6.3085	6.3086													
	2x 25.700 ZW — CENTRAL	2x6.4W, 290lm, 45°	6.3087	6.3088	6.3089													
	2x 25.700 ZW — RIGHT	2x6.4W, 290lm, 45°	6.3090	6.3091	6.3092													
System — STIK 35 ZW																		
5	1x 35.200 ZW — LEFT	1x11W, 750lm, 44°	6.3111	6.3112	6.3113													
	1x 35.200 ZW — CENTRAL	1x11W, 750lm, 44°	6.3114	6.3115	6.3116													
	1x 35.200 ZW — RIGHT	1x11W, 750lm, 44°	6.3117	6.3118	6.3119													
	1x 35.500 ZW — LEFT	1x11W, 750lm, 44°	6.3120	6.3121	6.3122													
	1x 35.500 ZW — CENTRAL	1x11W, 750lm, 44°	6.3123	6.3124	6.3125													
	1x 35.500 ZW — RIGHT	1x11W, 750lm, 44°	6.3126	6.3127	6.3128													
	1x 35.700 ZW — LEFT	1x11W, 750lm, 44°	6.3129	6.3130	6.3131													
	1x 35.700 ZW — CENTRAL	1x11W, 750lm, 44°	6.3132	6.3133	6.3134													
	1x 35.700 ZW — RIGHT	1x11W, 750lm, 44°	6.3135	6.3136	6.3137													
6	2x 35.200 ZW — LEFT	2x11W, 750lm, 44°	6.3138	6.3139	6.3140													
	2x 35.200 ZW — CENTRAL	2x11W, 750lm, 44°	6.3141	6.3142	6.3143													
	2x 35.200 ZW — RIGHT	2x11W, 750lm, 44°	6.3144	6.3145	6.3146													
	2x 35.500 ZW — LEFT	2x11W, 750lm, 44°	6.3147	6.3148	6.3149													
	2x 35.500 ZW — CENTRAL	2x11W, 750lm, 44°	6.3150	6.3151	6.3152													
	2x 35.500 ZW — RIGHT	2x11W, 750lm, 44°	6.3153	6.3154	6.3155													
	2x 35.700 ZW — LEFT	2x11W, 750lm, 44°	6.3156	6.3157	6.3158													
	2x 35.700 ZW — CENTRAL	2x11W, 750lm, 44°	6.3159	6.3160	6.3161													
	2x 35.700 ZW — RIGHT	2 x11W, 750lm, 44°	6.3162	6.3163	6.3164													

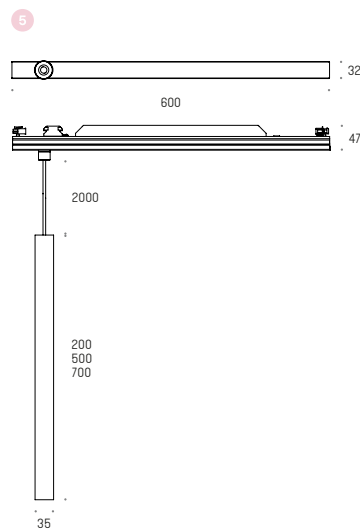
● CRI90



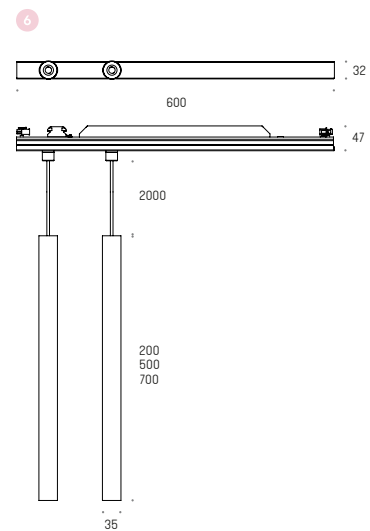
Stik 2x 25 ZW (lewy)



Stik 1x 35 ZW (lewy)

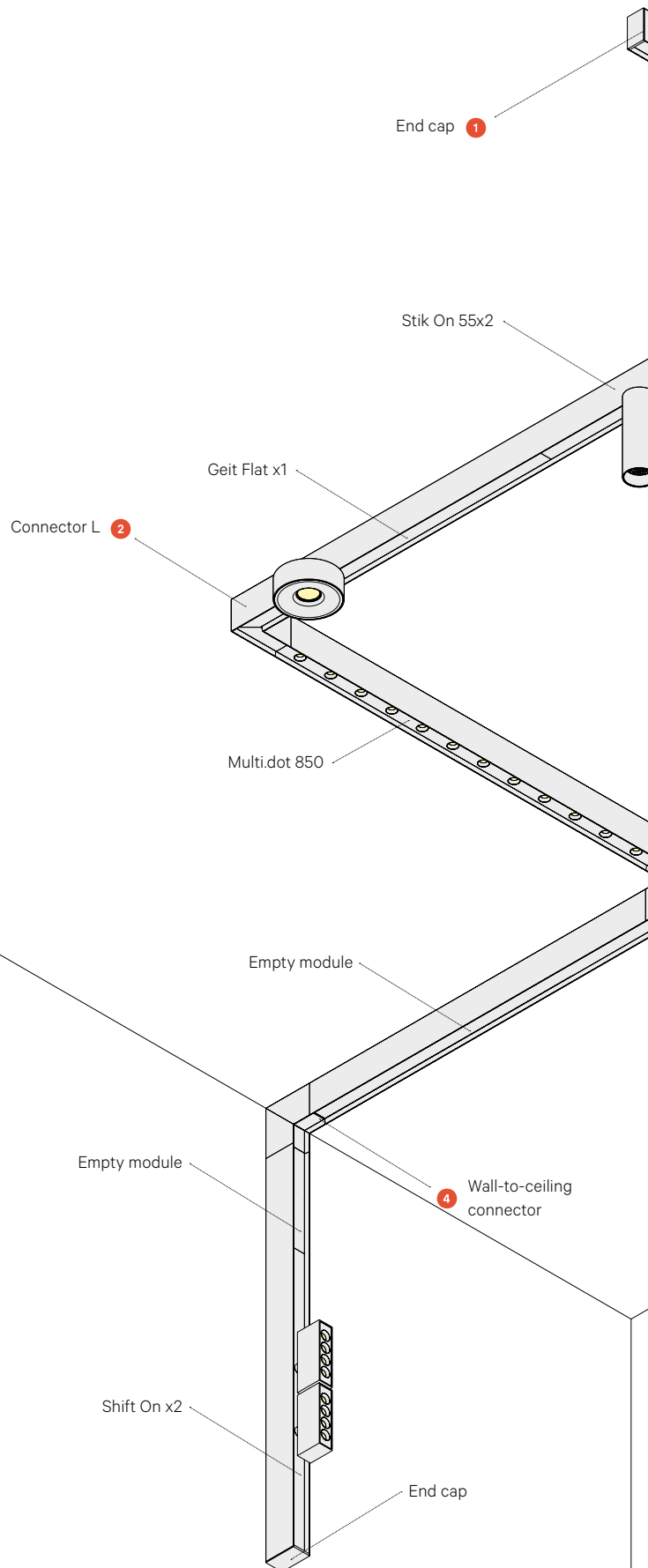


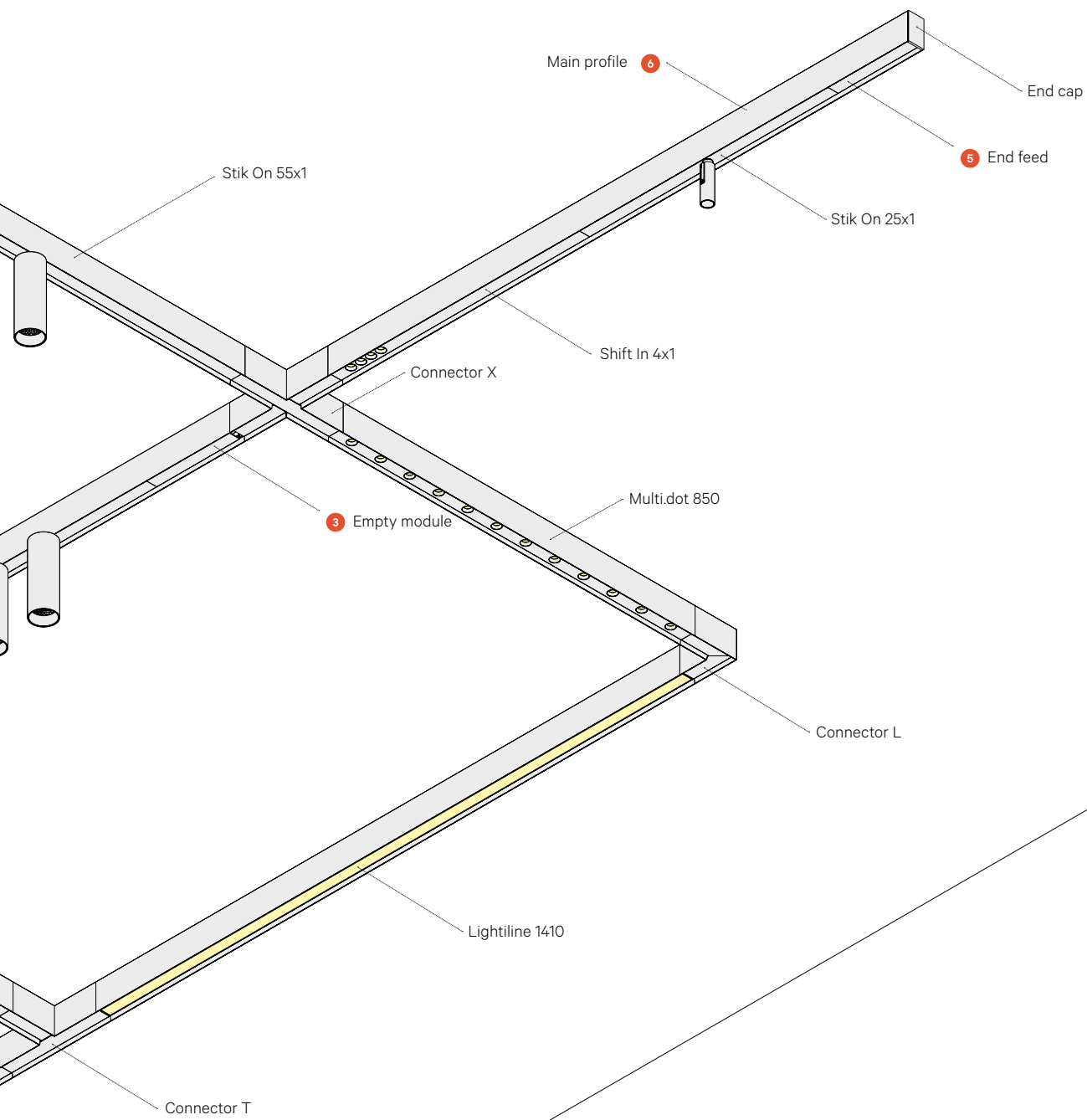
Stik 2x 35 ZW (lewy)



ray evo system — surface profile

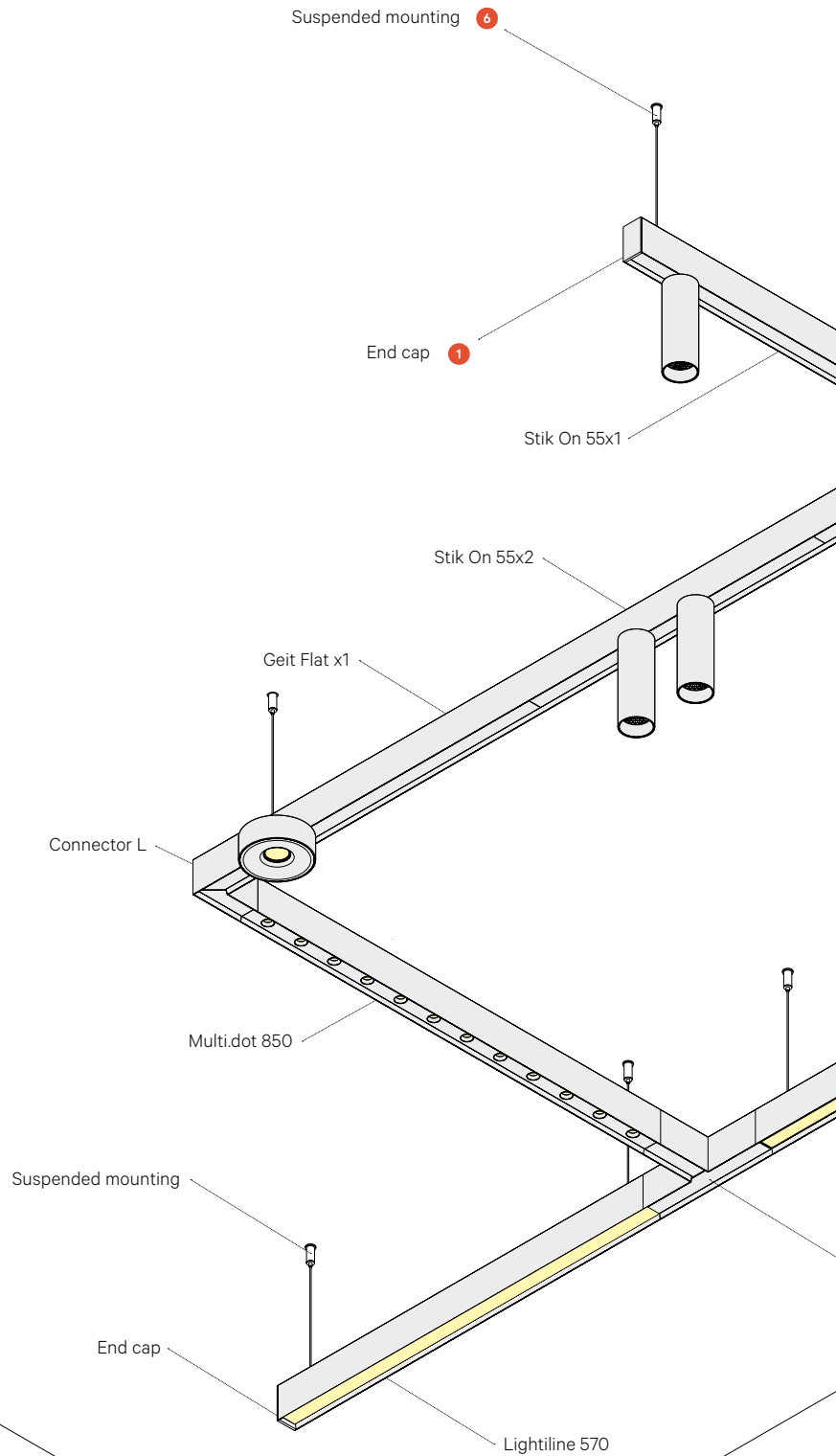
- 1 **end cap**
made of milled aluminium,
screwless mounting – magnetic
- 2 **connector L (corner)**
main profile and end cap included, 90° angle,
no option to install luminous modules
- 3 **empty module**
the lengths of straight sections result from the ar-
rangement of light modules and connectors
- 4 **ceiling-to-wall connector**
allows 90° transitions from horizontal to vertical
surfaces
- 5 **power supply module**
power connection point, equipped with an electrical
terminal and system connectors
- 6 **main profile**
aluminium profile, accommodates power supplies as
well as power and control wiring, max length of one
section is 1800mm

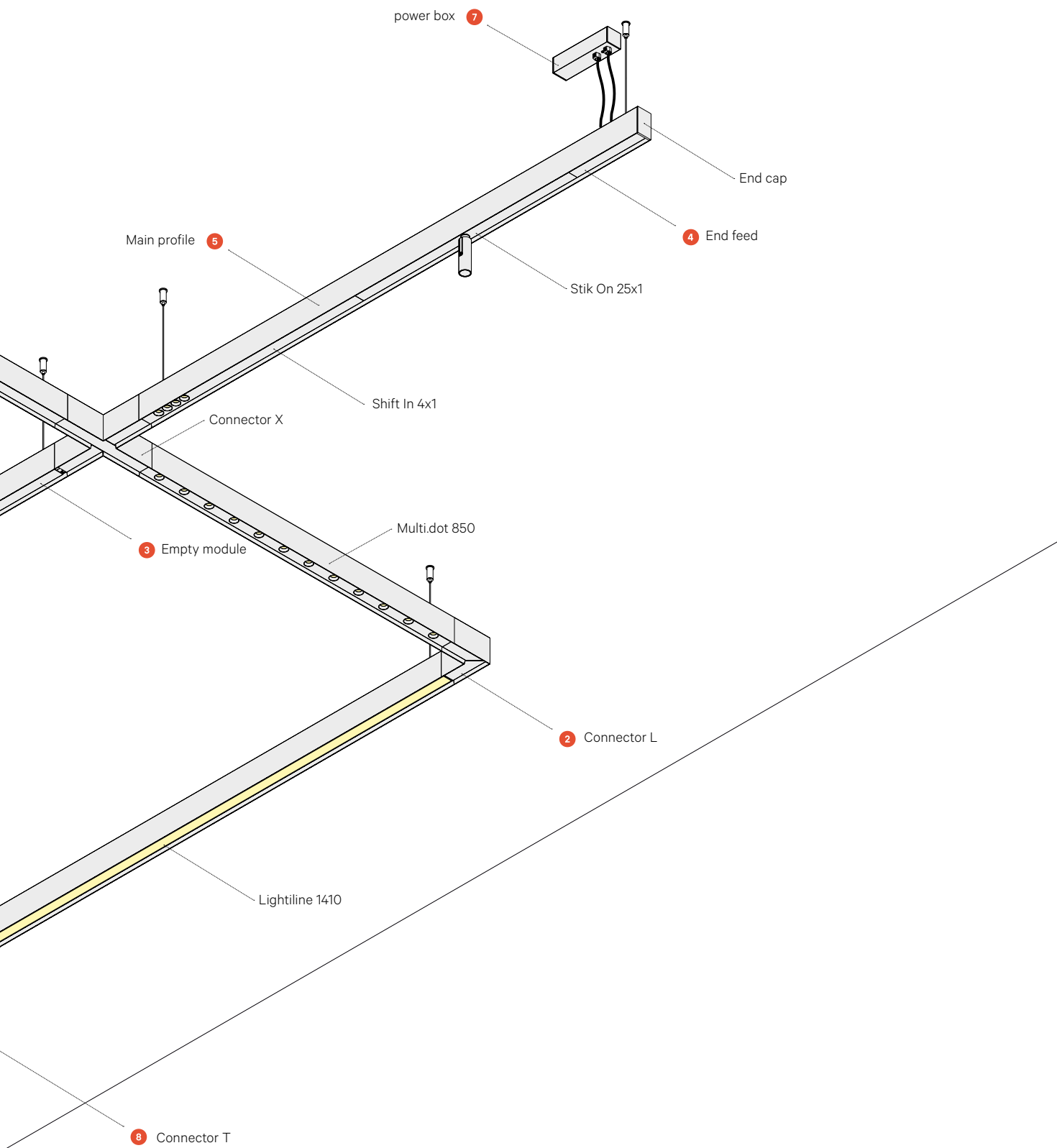




ray evo system — suspended profile

- 1 **end cap**
made of milled aluminium,
screwless mounting – magnetic
- 2 **connector L (corner)**
main profile and end cap included, 90° angle,
no option to install luminous modules
- 3 **empty module**
the lengths of straight sections result from the ar-
rangement of light modules and connectors
- 4 **power supply module**
power connection point, equipped with an electrical
terminal and system connectors
- 5 **main profile**
aluminium profile, accommodates power supplies as
well as power and control wiring, max length of one
section is 1800mm
- 6 **suspended mounting**
2000mm steel cable, including a ceiling bracket fitted
with an automatic clamp
- 7 **power box**
includes electrical connections for two circuits or one circuit and
a DALI2 control module, 2000mm long cables included
- 8 **connector T**
main profile and end cap included,
No option to install luminescent modules





ray evo system — profil wpuszczany

1 end cap
permanently mounted, routing power cable is possible

2 connector L
main profile and end cap included, 90° angle, no option to install luminous modules

3 empty module
the lengths of straight sections result from the arrangement of light modules and connectors

4 power supply module
power connection point, equipped with an electrical terminal and system connectors

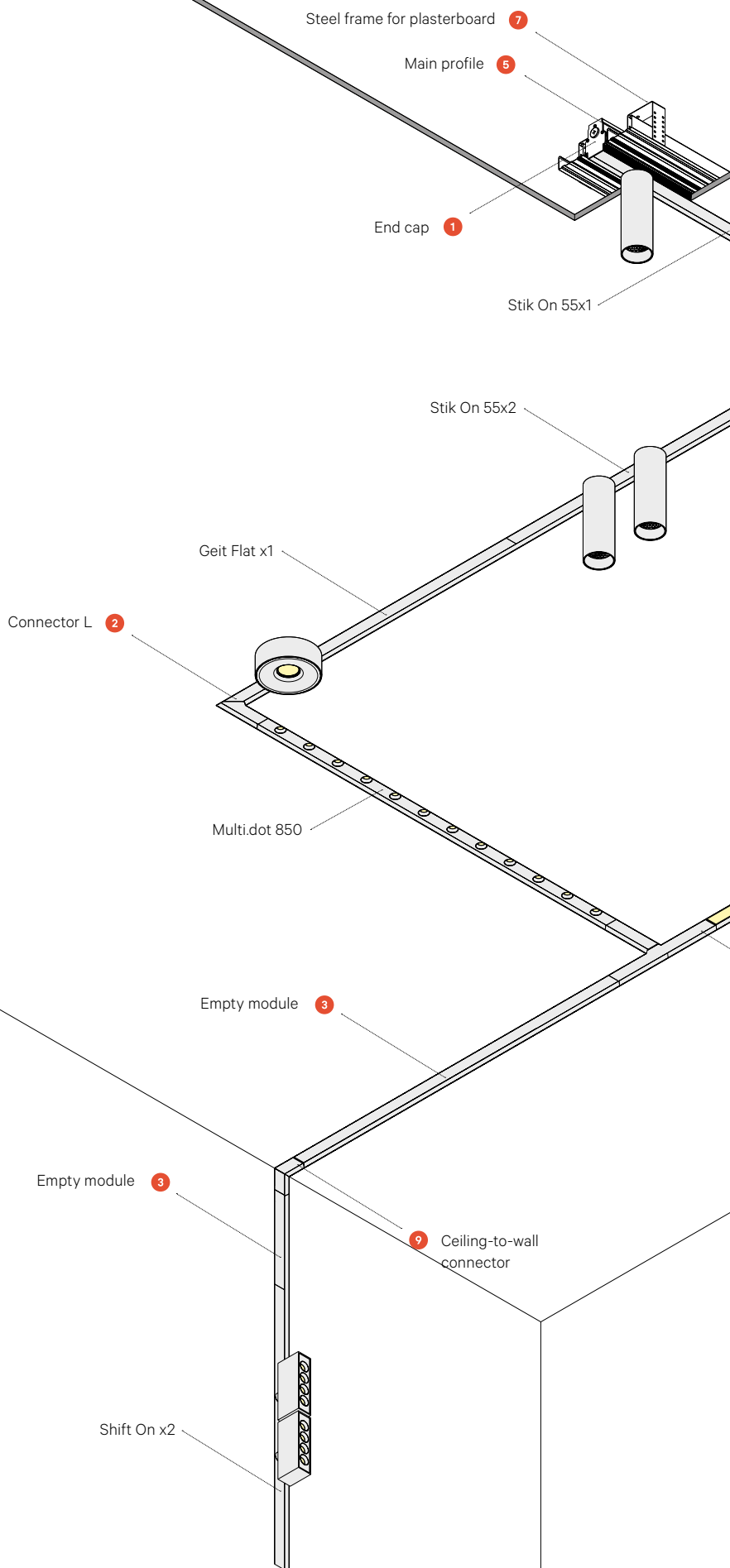
5 main profile
aluminium profile, accommodates power supplies as well as power and control wiring, max length of one section is 1800mm

6 plasterboard
classic plasterboard 12.5 mm thick. Requires plastering after installation of the support profile

7 steel frame
classic frame for plasterboards, the aluminium main profile is screwed to it

8 connector T
main profile and end cap included, No option to install luminescent modules

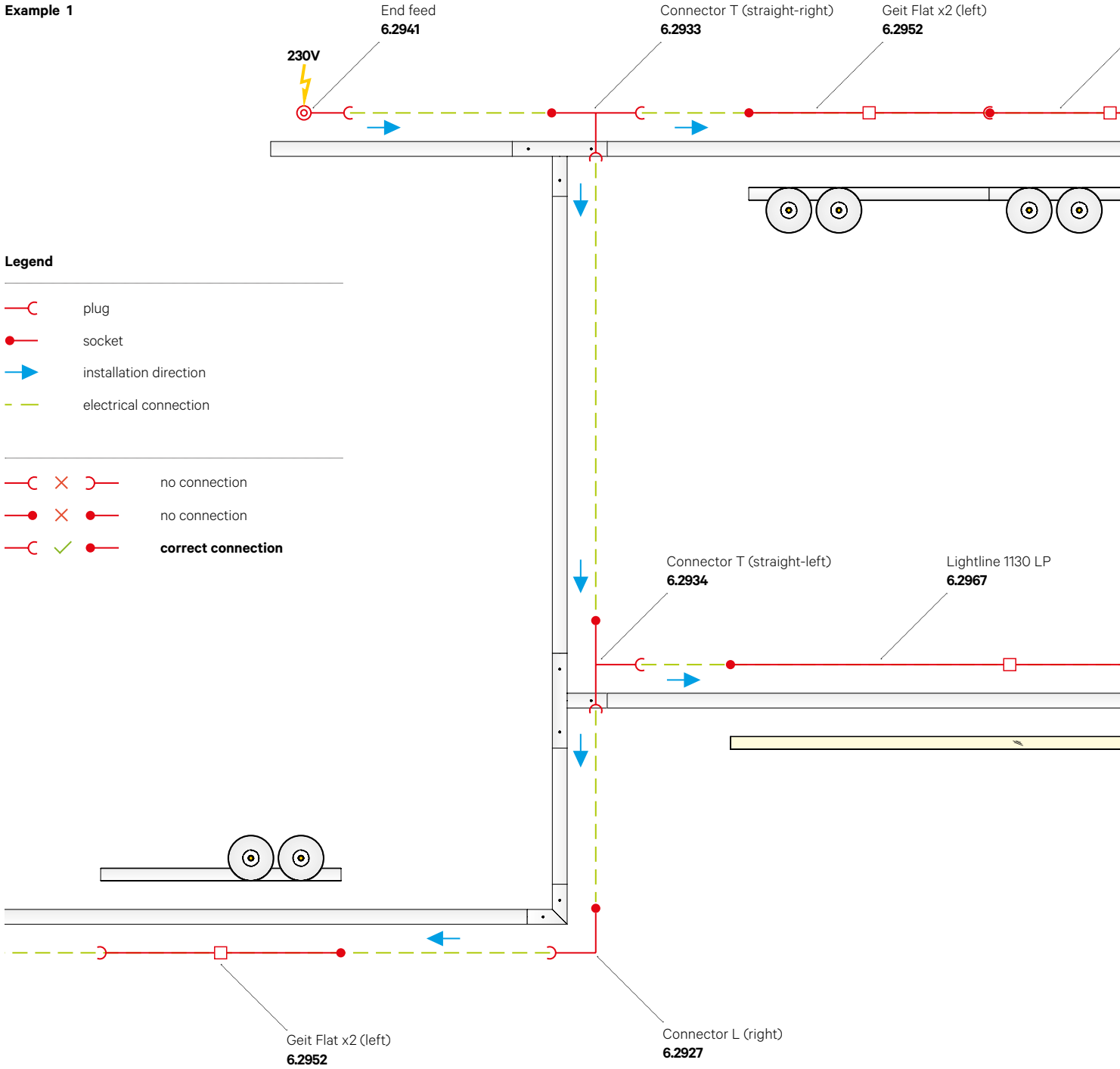
9 ceiling-to-wall connector
allows 90° transitions from horizontal to vertical surfaces



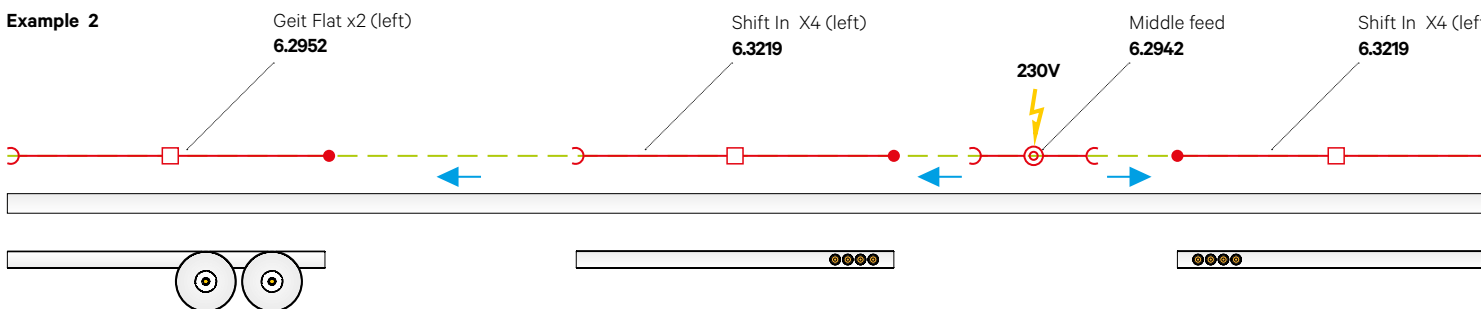


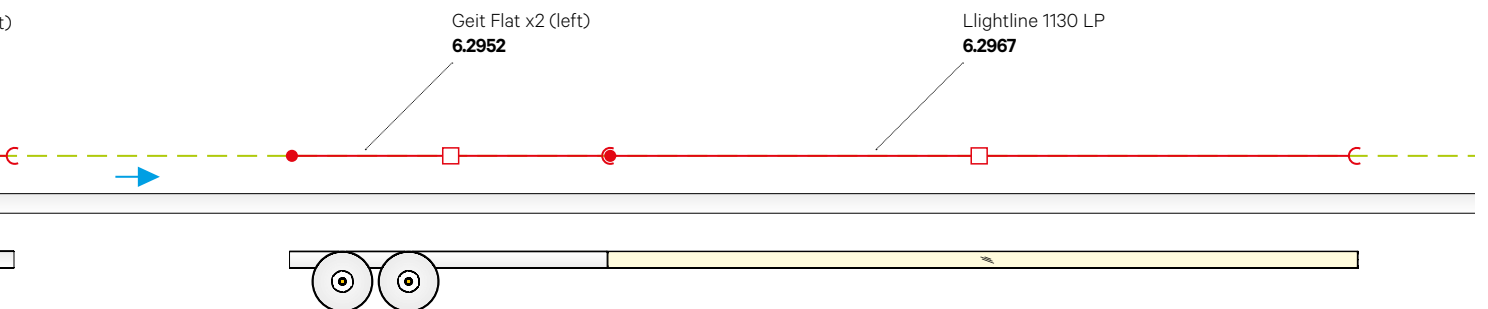
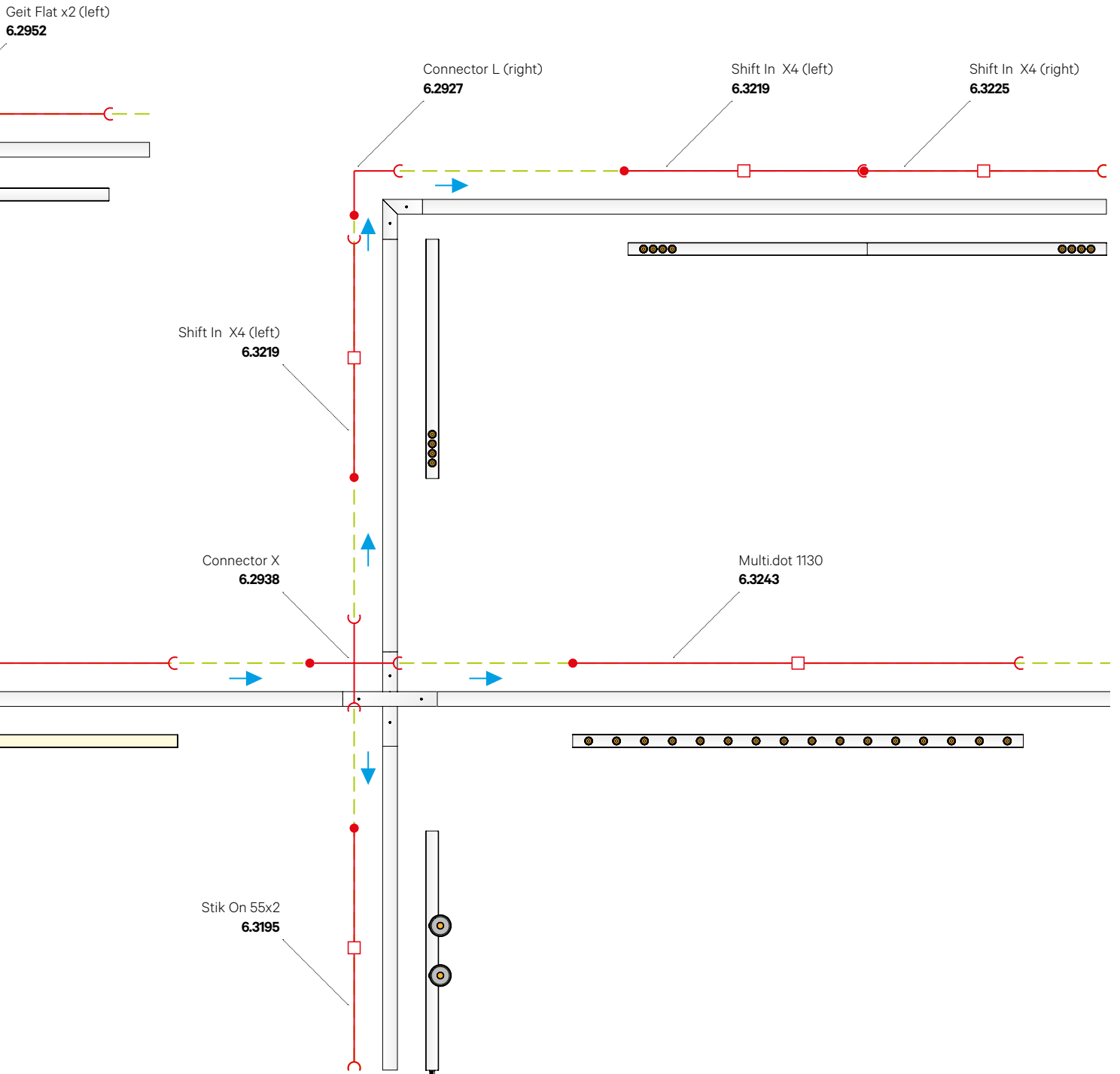
ray evo system — example of wiring diagram / connectors and lamps

Example 1



Example 2







NV Architecture

fol. Sergey Savchenko

robotic

robotic

ROBOTIC is distinguished by the original shape of a flat spotlight mounted on a vertical arm in the shape of a straight tube. A characteristic feature of this luminaire is the adjustable lamp head, which can be rotated around its axis and moved up or down within the range of 80 degrees. With so many options, Robotic is often chosen for demanding private interiors, where precise control of light sources in various configurations is required. An additional advantage is the possibility of mounting the luminaire on the rail, which enables moving the spotlight along a straight line. Robotic offers a retrofit QR111 or edge. LED module with 2700K, 3000K or 4000K (CRI98) colour temperature.



robotic NT / ad 3F



robotic R1 ad 3F



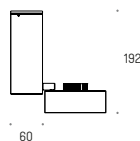
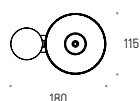
robotic R1 NT

Model		On-Off	Switch Dim	DALI2	PhaseCut	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°
						.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W
Robotic	⊕																
1 R1 QR111	1x 0-50W G53 QR-LP 111	2.0123				•	•	•									
2 R1 AD 3F QR111	1x 0-50W G53 QR-LP 111	7.0139				•	•	•									
3 R1 edge.LED	1x 8W 510lm	2.0708	2.2623	2.1701	2.1687	•	•	•	•	•	•	•	•	•			
4 R1 AD 3F edge.LED	1x 8W 510lm	7.0710	7.2624	7.1703	7.1689	•	•	•	•	•	•	•	•	•			
5 R1 edge.LED	1x 15W 1200lm	2.0709	2.2625	2.1702	2.1688	•	•	•	•	•	•				•	•	•
6 R1 AD 3F edge.LED	1x 15W 1200lm	7.0711	7.2626	7.1704	7.1690	•	•	•	•	•	•				•	•	•



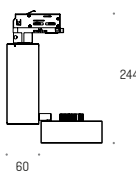
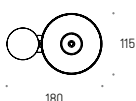
Robotic

3 5



170°
180°
180°

4 6



170°
180°
180°



WZORCOWNIA Daria Rogozińska

fol. Daria Rogozińska

shift

shift

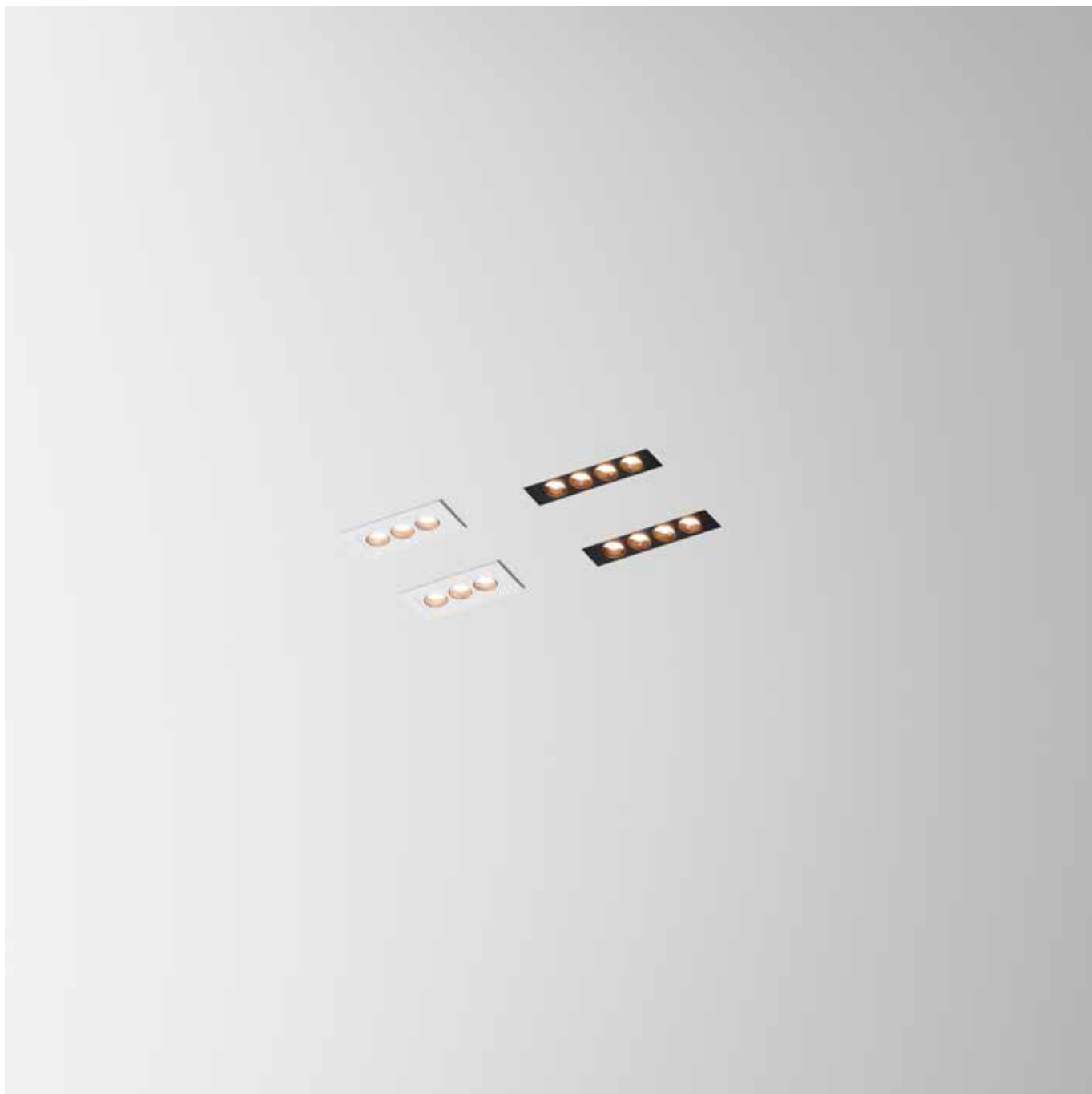


new
model

A versatile family of spotlights as well as spot and downlight type luminaires. The SHIFT collection includes surface-mounted spotlights, wall lamps, recessed ceiling luminaires and lamps mounted to Track 1F/3F using adapters. The family is characterised by round, recessed optics integrated into the rectangular shape of the housing. Additionally, version 12.1 features optics that include an anti-glare screen and retracted diodes designed to reduce glare as much as possible (UGR<19). Shift luminaires offer a variety of model sizes — from a mini wall lamp ideal for bedrooms to 12 LED spotlights

and recessed luminaires which can be used as the main lighting. In addition, the system includes a Shift Adaptor 1F/3F in various versions designed to be mounted on a three-phase rail, which enables a broad range of spotlight movement and lighting flexibility. The Shift family will work well as the main, supplementary or zone lighting. It is a great choice for any location that requires a simple luminaire and a robust light source — version 1.4 of the Shift luminaire provides as much as 700lm of light and even a DALI control module— all this in a luminaire that is just 30mm wide.



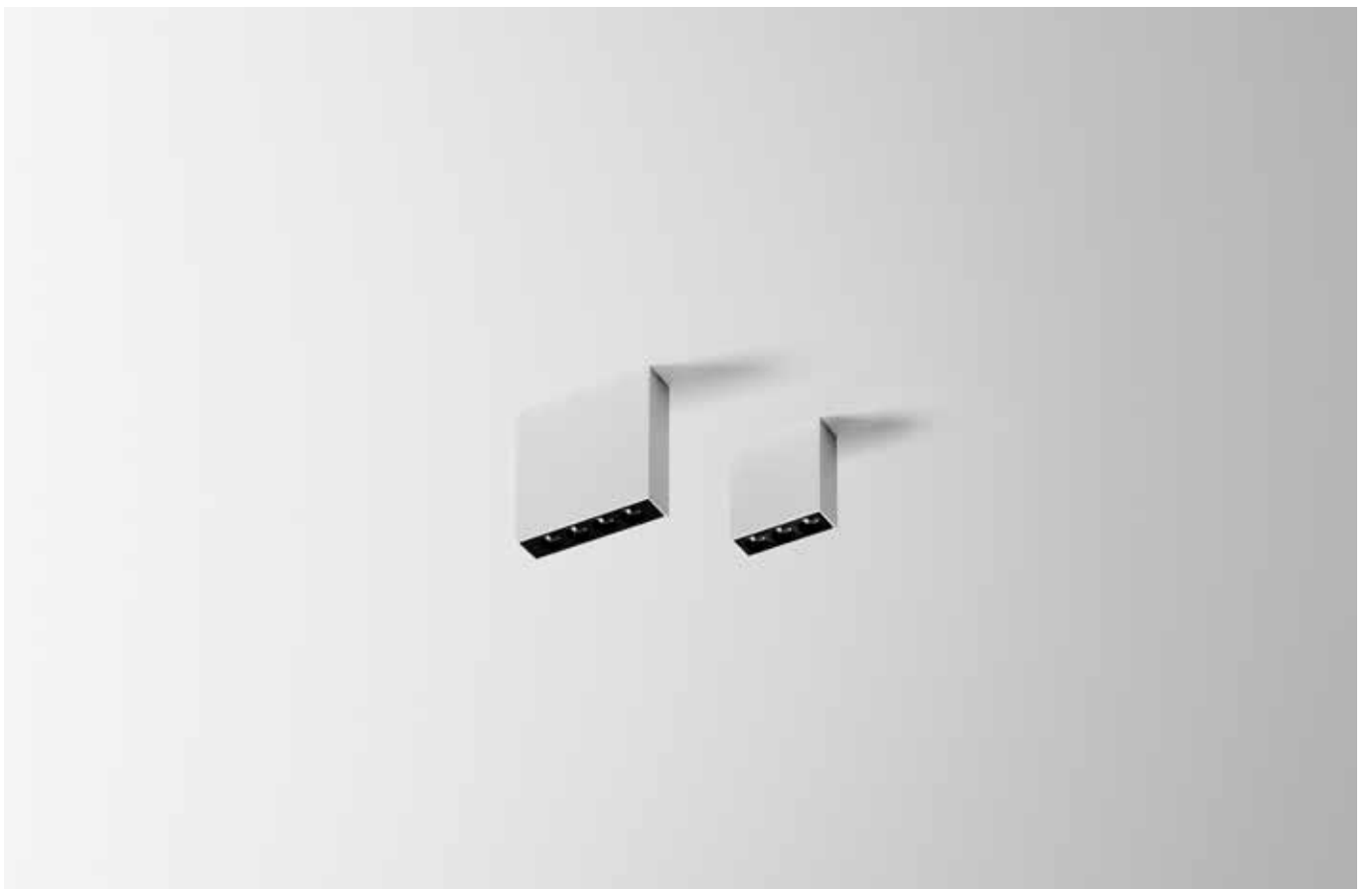


shift 1.3 WP / shift 1.4 WP trimless

shift



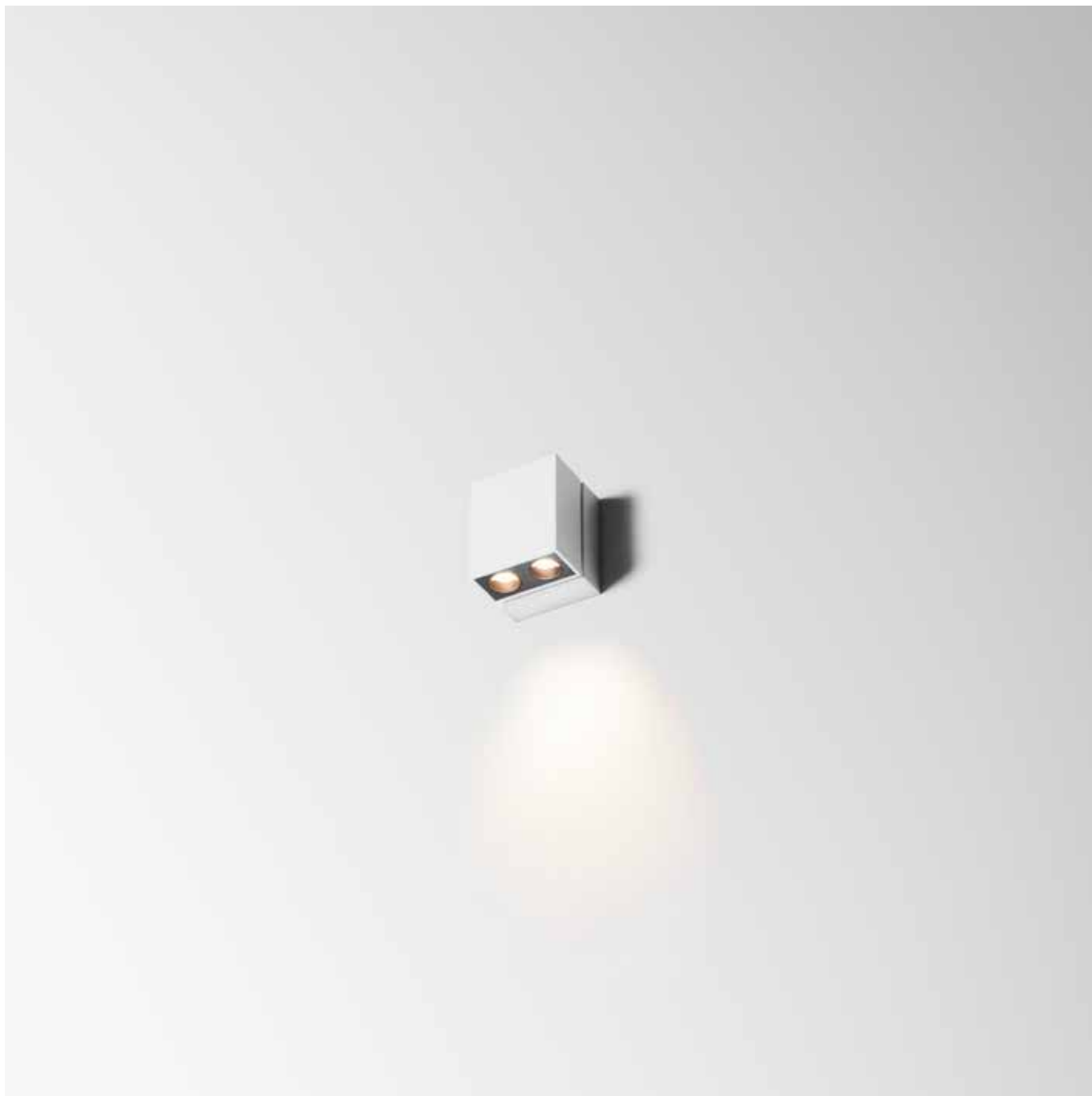
shift 1.4 spot NT / shift 1.3 spot NT / shift 1.3 ad 1F



shift 1.4 NT / shift 1.3 NT







shift 1.2 BS KN

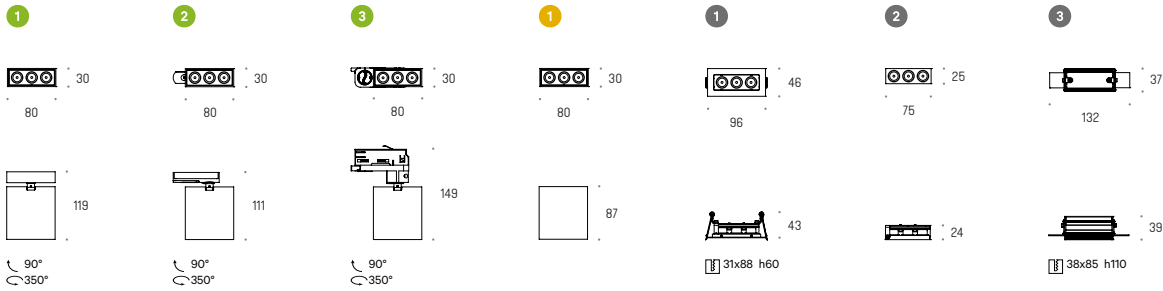
shift

Shift 1.2

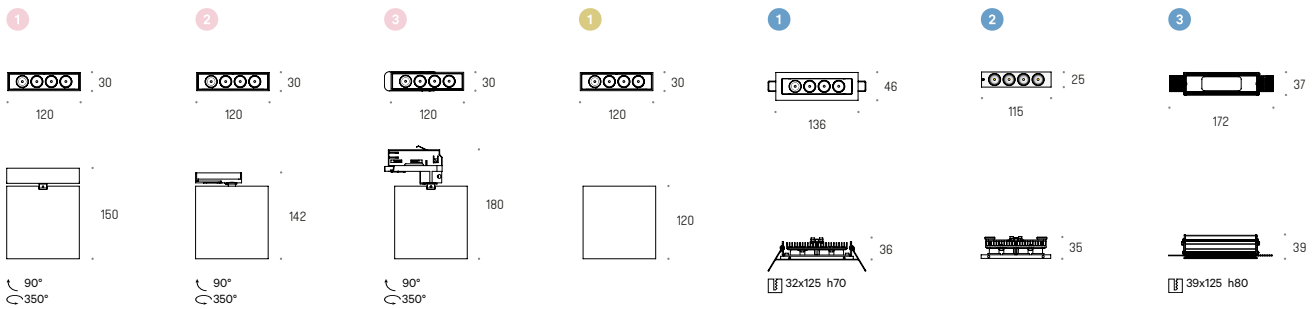


90°
350°

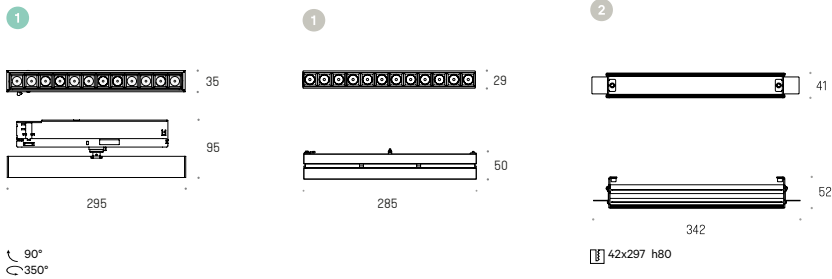
Shift 1.3



Shift 1.4



Shift 12.1



Model		On—Off	Switch DIM	DALI2	PhaseCut	Accessories	Black	White	Mixed	CRI90 2700K	CRI90 3000K	CRI90 4000K	Spot 18°	Wide 45°
							.02	.03	.99	.927	.930	.940	.S	.W
Shift 1.2 KN ⊕														
1 1.2 BS KN 1x 3W 200lm, 48°	1.1990						•	•	•	•	•	•		
Shift 1.3 ⊕														
1 1.3 Spot NT 1x 6.5W 530lm, 48°	2.1328						•	•	•	•	•	•		
2 1.3 AD 1F 1x 6.5W 530lm, 48°	7.1329						•	•	•	•	•	•		
3 1.3 AD 3F 1x 6.5W 530lm, 48°	7.1330						•	•	•	•	•	•		
Shift 1.3 NT ⊕														
1 1.3 NT 1x 6.5W 530lm, 48°	3.1331						•	•	•	•	•	•		
Shift 1.3 WP ⊕														
1 1.3 WP 1x 6.5W 530lm, 48°	4.1332						•	•	•	•	•	•		
2 1.3 Trimless WP 1x 6.5W 530lm, 48°	4.1333						•	•	•	•	•	•		
3 1.3 Trimless Mounting Frame [required]						4.1334	•	•	•					
Shift 1.4 ⊕														
1 1.4 Spot NT 1x 11W 700lm, 48°	2.2745	2.2747	2.2746	2.2748			•	•	•	•	•	•		
2 1.4 AD 1F 1x 11W 700lm, 48°	7.2749			7.2750			•	•	•	•	•	•		
3 1.4 AD 3F 1x 11W 700lm, 48°	7.2751	7.2753	7.2752	7.2754			•	•	•	•	•	•		
Shift 1.4 NT ⊕														
1 1.4 NT 1x 11W 700lm, 48°	3.2755	3.2757	3.2756	3.2758			•	•	•	•	•	•		
Shift 1.4 WP ⊕														
1 1.4 WP 1x 11W 700lm, 48°	4.2759	4.2761	4.2760	4.2762			•	•	•	•	•	•		
2 1.4 WP Trimless 1x 11W 700lm, 48°	4.2763	4.2765	4.2764	4.2766			•	•	•	•	•	•		
3 1.4 Trimless Mounting Frame [required]					4.2767		•	•	•					
Shift 12.1 ⊕														
1 12.1 G2 AD 3F 1x 18W 1600lm	7.1873	7.2631	7.1874				•	•	•	•	•	•	•	•
Shift 12.1 WP ⊕														
1 12.1 WP Trimless 1x 18W 1600lm	4.2158	4.3632	4.2159	4.2160			•			•	•		•	•
2 12.1 WP Trimless Mounting Frame [required]					4.2188		•	•	•					



shift 12.1 WP trimless



shift 12.1 ad 3F





solid

The Solid luminaire is enclosed in a geometric form with a black inner cover housing modern light sources. The series with moving light sources includes two main lines: version 163 is equipped with edge.LED sources or classic halogens, while version 110 stands for small luminaires using QPAR16 or LED light sources. Depending on the version, Solid luminaires feature single or double spot lights moving on independent heads. An interesting option is the square-shaped Solid AREA equipped with integrated LEDs with a light-diffusing, frosted PMMA screen. The family is completed by the Lightbox version — surface-mounted and recessed downlights designed to illuminate, e.g., large commercial spaces or corridors; light sources are not movable. All luminaires in the family are built on a 120mm high aluminium profile.







MYKHAIKHA Architectural Bureau

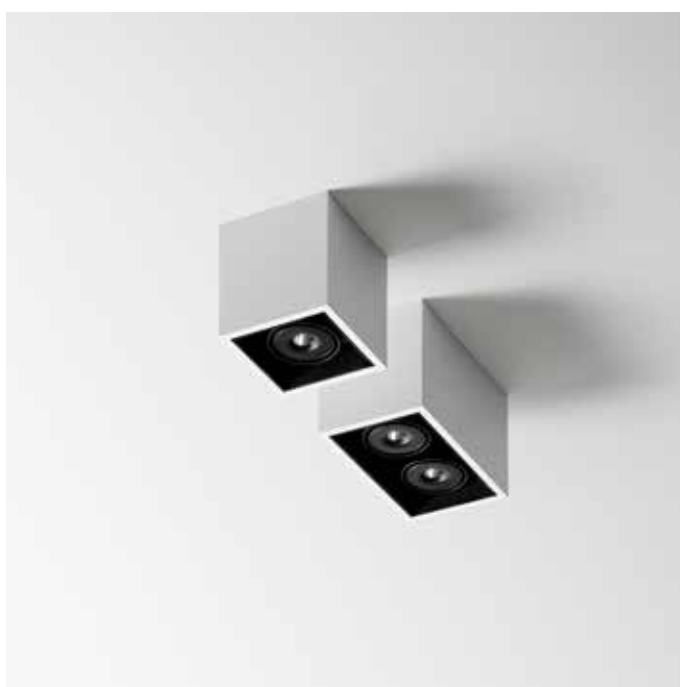
for: Nikolay Korsun

solid



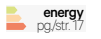
↑ solid 163.1 / 163.2 NT

solid 110.1 / 110.2 NT →



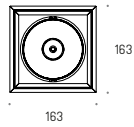


Model		On—Off	Switch DIM	DALI2	PhaseCut	White + Black	Black + White	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 13°	Medium 32°	Wide 48°	Spot 18°	Medium 35°	Wide 55°	
						.33	.44	.02	.03	.99	.927	.930	.940	.S	.M	.W	.S	.M	.W	
Solid 163	⊕																			
1	163.1 QR111	1x 0-50W G53 QR-LP 111	3.0651																	
2	163.2 QR111	2x 0-50W G53 QR-LP 111	3.0652																	
3	163.1 edge.LED	1x 8W 510lm	3.0655	3.2557	3.1443	3.1442														
4	163.2 edge.LED	2x 8W 510lm	3.0656	3.2558	3.1445	3.1444														
5	163.1 edge.LED	1x 15W 1200lm	3.0659	3.2559	3.1481	3.1480														
6	163.2 edge.LED	2x 15W 1200lm	3.0660	3.2560	3.1483	3.1482														
Solid 110	⊕																			
1	110.1 GU10	1x 8W GU10 QPAR16 LED	3.0704																	
2	110.2 GU10	2x 8W GU10 QPAR16 LED	3.0705																	
3	110.1 mini.LED	1x 11W 800lm, 47°	3.1896																	
4	110.2 mini.LED	2x 11W 800lm, 47°	3.1897																	



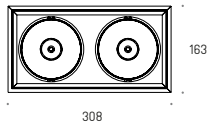
Solid 163

3 5



30°
350°

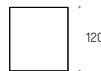
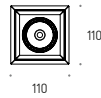
4 6



30°
350°

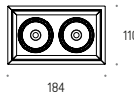
Solid 110

3



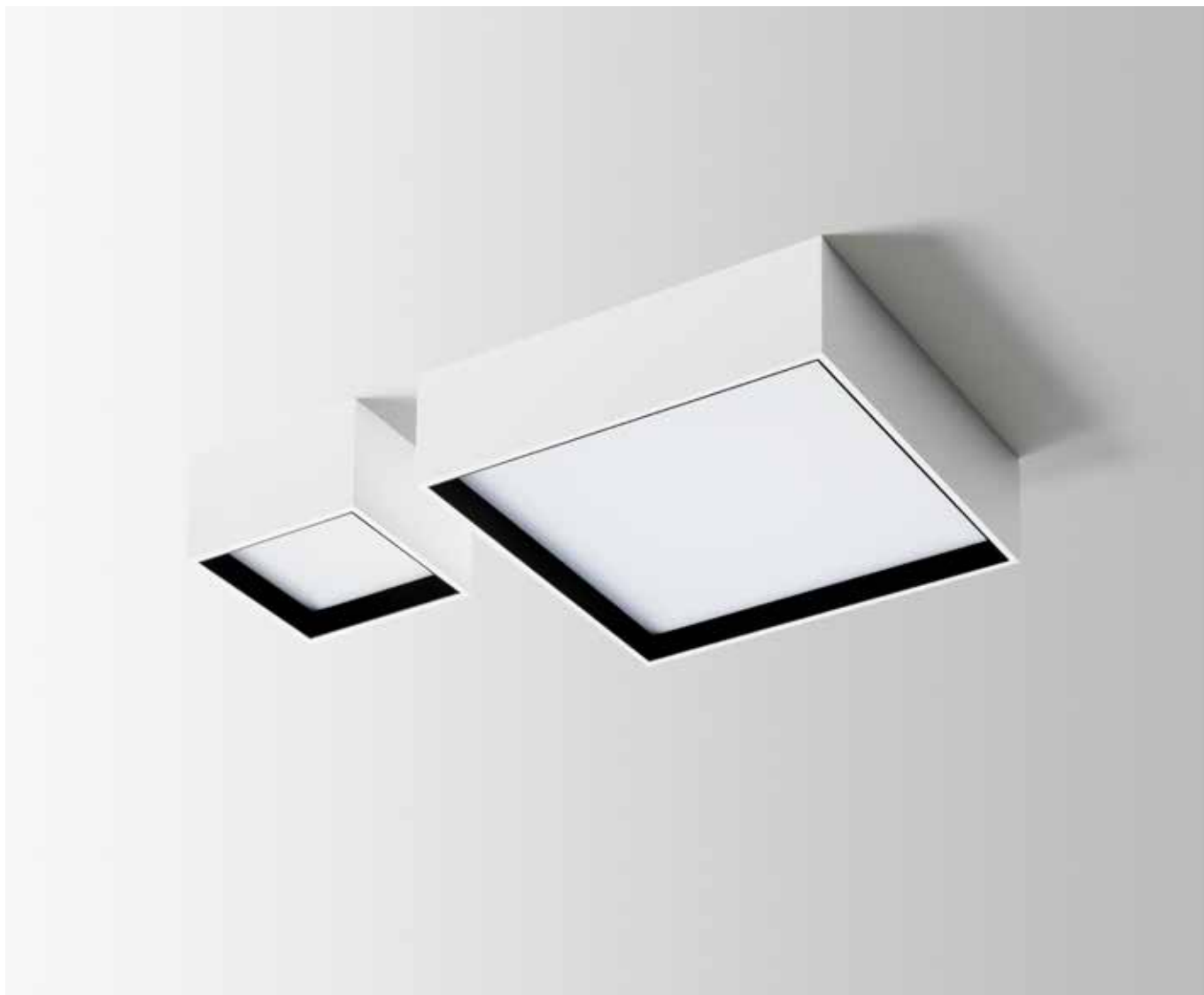
30°
350°

4



30°
350°

solid area



↑ solid area 2.0 / 4.0 NT

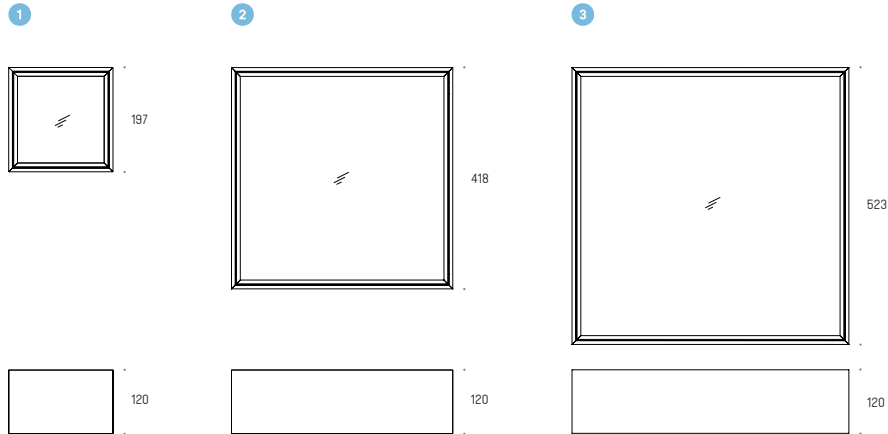
solid area 4.0 WP →



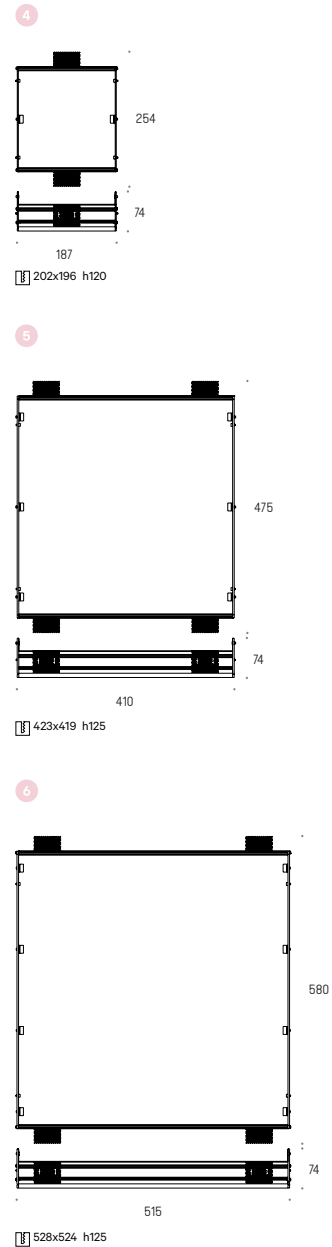
Model		On—Off	Switch DIM	DALI2	Accessories	White + Black	Black	White	Mixed	CRI80 2700K	CRI80 3000K	CRI80 4000K
						.33	.02	.03	.99	.827	.830	.840
Solid Area NT ☺												
1	2.0 NT	25W 1550lm	3.1250	3.2879	3.1251	•	•	•	•	•	•	•
2	4.0 NT	39W 3200lm	3.1252	3.2880	3.1253	•	•	•	•	•	•	•
3	5.0 NT	60W 4250lm	3.1254	3.2881	3.1255	•	•	•	•	•	•	•
Solid Area WP ☺												
1	2.0 WP	25W 1550lm	4.1256	4.2882	4.1257		•	•	•	•	•	•
2	4.0 WP	39W 3200lm	4.1258	4.2883	4.1259		•	•	•	•	•	•
3	5.0 WP	60W 4250lm	4.1260	4.2884	4.1261		•	•	•	•	•	•
4	2.0 WP Mounting Frame	[required]										
5	4.0 WP Mounting Frame	[required]										
6	5.0 WP Mounting Frame	[required]										



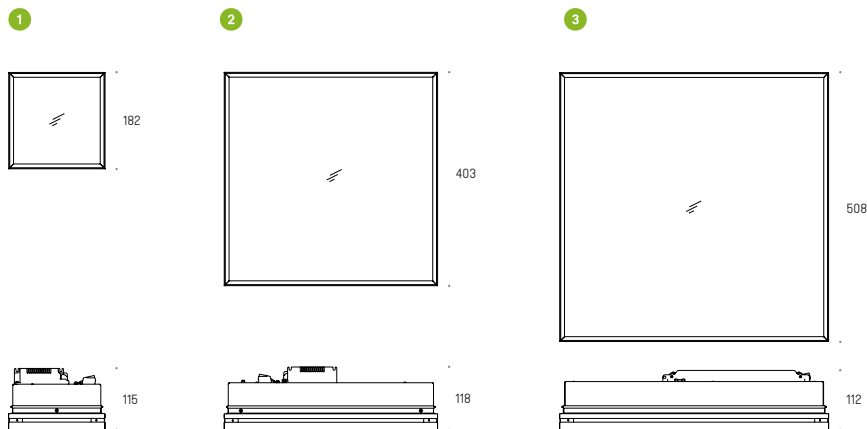
Solid Area NT



Solid Area WP — mounting frames



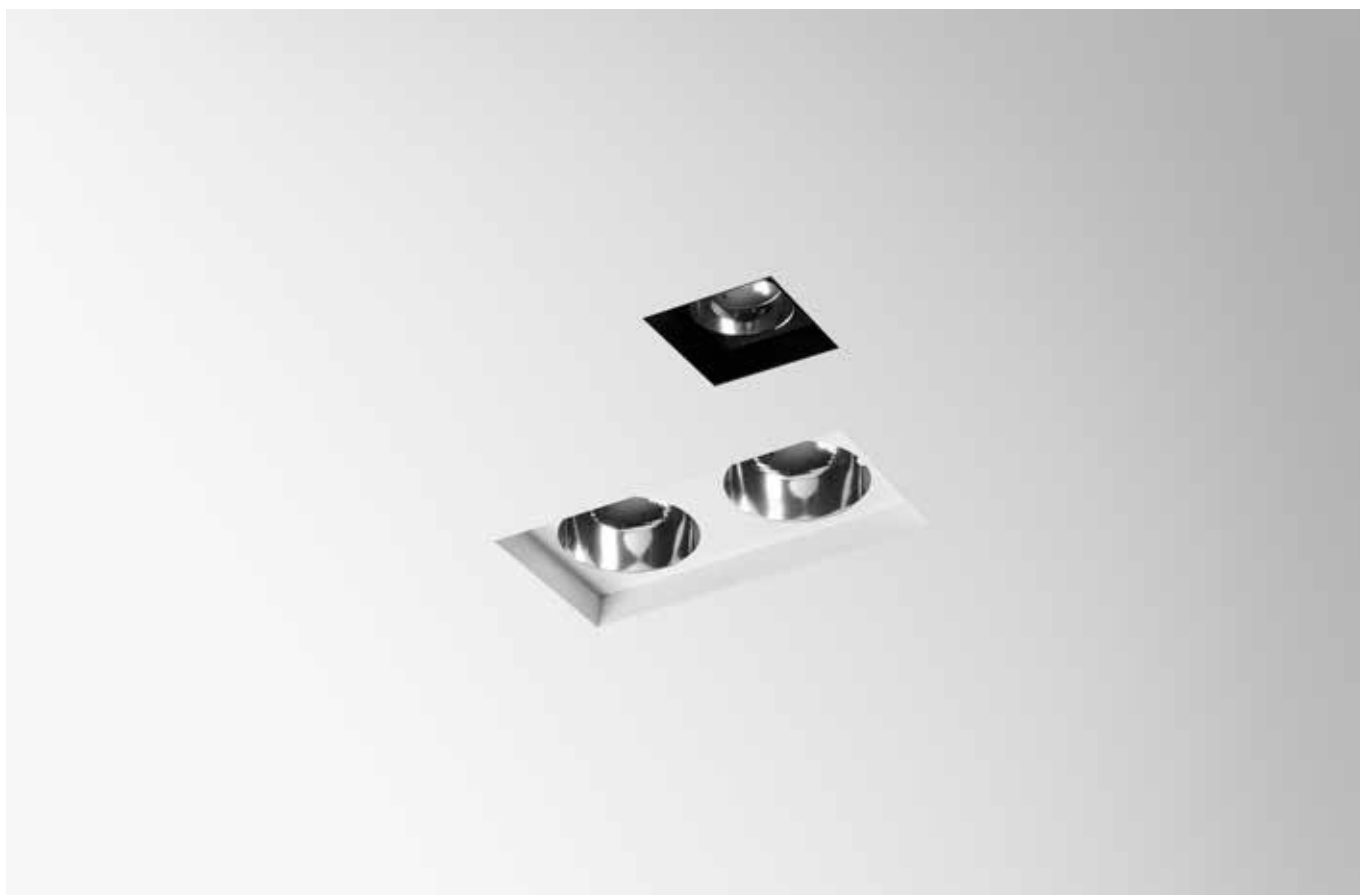
Solid Area WP



solid lightbox



solid lightbox 135.2 / 185.1 NT

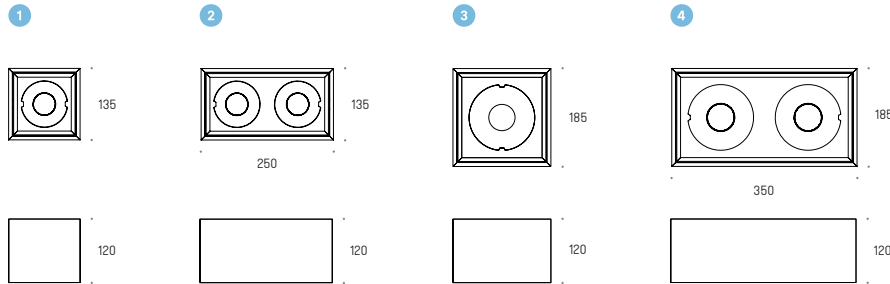


solid lightbox 135.1 / 135.2 WP

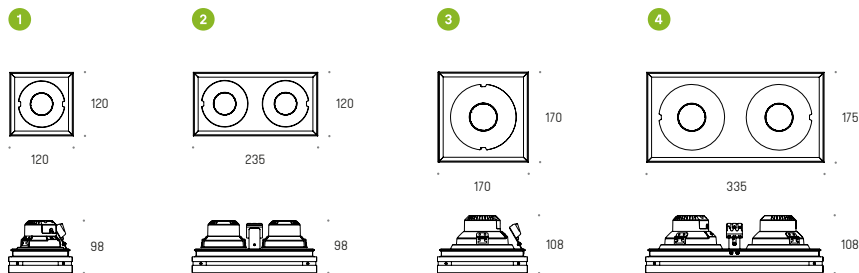
Model		On—Off	Accessories	White + Black	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Wide 60°	X-Wide 90°
				.33	.02	.03	.99	.927	.930	.940	.W	.XW
Solid Lightbox NT ☺												
1	135.1 NT	1x 12W 1000lm	3.1084	•	•	•	•	•	•	•	•	•
2	135.2 NT	2x 12W 1000lm	3.1085	•	•	•	•	•	•	•	•	•
3	185.1 NT	1x 23W 2000lm	3.1086	•	•	•	•	•	•	•	•	•
4	185.2 NT	2x 23W 2000lm	3.1087	•	•	•	•	•	•	•	•	•
Solid Lightbox WP ☺												
1	135.1 WP	1x 12W 1000lm	4.1093		•	•	•	•	•	•	•	•
2	135.2 WP	2x 12W 1000lm	4.1094		•	•	•	•	•	•	•	•
3	185.1 WP	1x 23W 2000lm	4.1095		•	•	•	•	•	•	•	•
4	185.2 WP	2x 23W 2000lm	4.1096		•	•	•	•	•	•	•	•
5	135.1 WP Mounting Frame	[required	4.2106									
6	135.2 WP Mounting Frame	[required	4.2107									
7	185.1 WP Mounting Frame	[required	4.2108									
8	185.2 WP Mounting Frame	[required	4.2109									



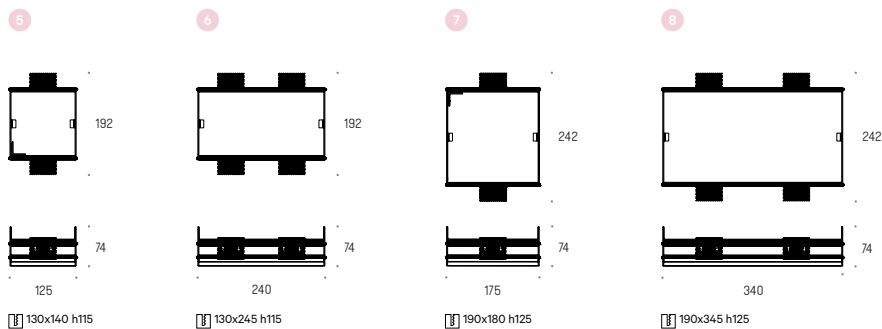
Solid Lightbox NT



Solid Lightbox WP



Solid Lightbox WP — mounting frames





Pawel Tatara

fol. Krzysztof Zgola

stik

stik



new
model

Stik is a family of luminaires based on small diameter, round bodies. The Stik range, so far consisting of Stik 25 and 35 luminaires, has been extended to include Stik 16 model characterised by a diameter of just 16mm. Minimalist in their form and compact luminaires include many different models: surface-mounted spotlights and those mounted on 1F and 3F rails as well as recessed and pendant luminaires; the family is complemented by a group of wall lamps which are perfectly suitable for bedrooms, some with a mini switch on their housing.

Stik pendant offers a wide range of body lengths from 200 up to 1000mm, allowing you to create very diverse compositions of lengths and diameters to build a desirable atmosphere in a dining room or a restaurant. Stik Pure 35 is a simplified, adjustable spotlight without the characteristic “stick”, it is available in 1F or 3F rail compatible version. The glare effect is eliminated by moving the optics deep into the body. Additionally, the optics are surrounded by an invariably black ring







stik 16.1 R WP



stik 16.1 R NT



stik 16.500 ZW



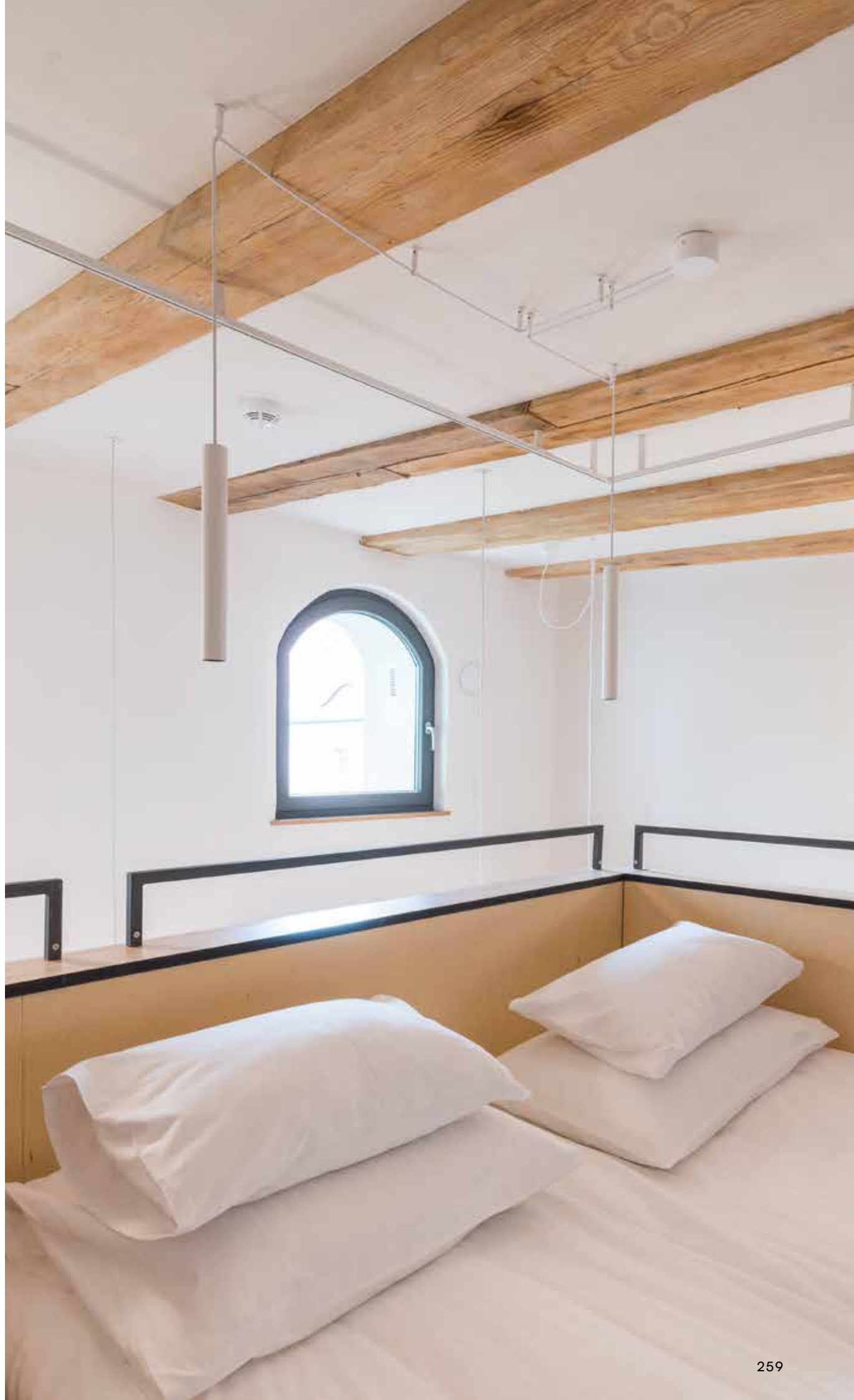
stik 16.200 inZW

It requires a mounting frame to be installed and the power supply is positioned above the ceiling, so no mounting box is visible on the ceiling.





stik 35.200 ZW / 25.500 ZW





ZNAMY SIĘ

fol. Krzysztof Zgola

stik



stik 25.1 NT / 35.1 ad 3F

stik



stik pure 35 ad 3F



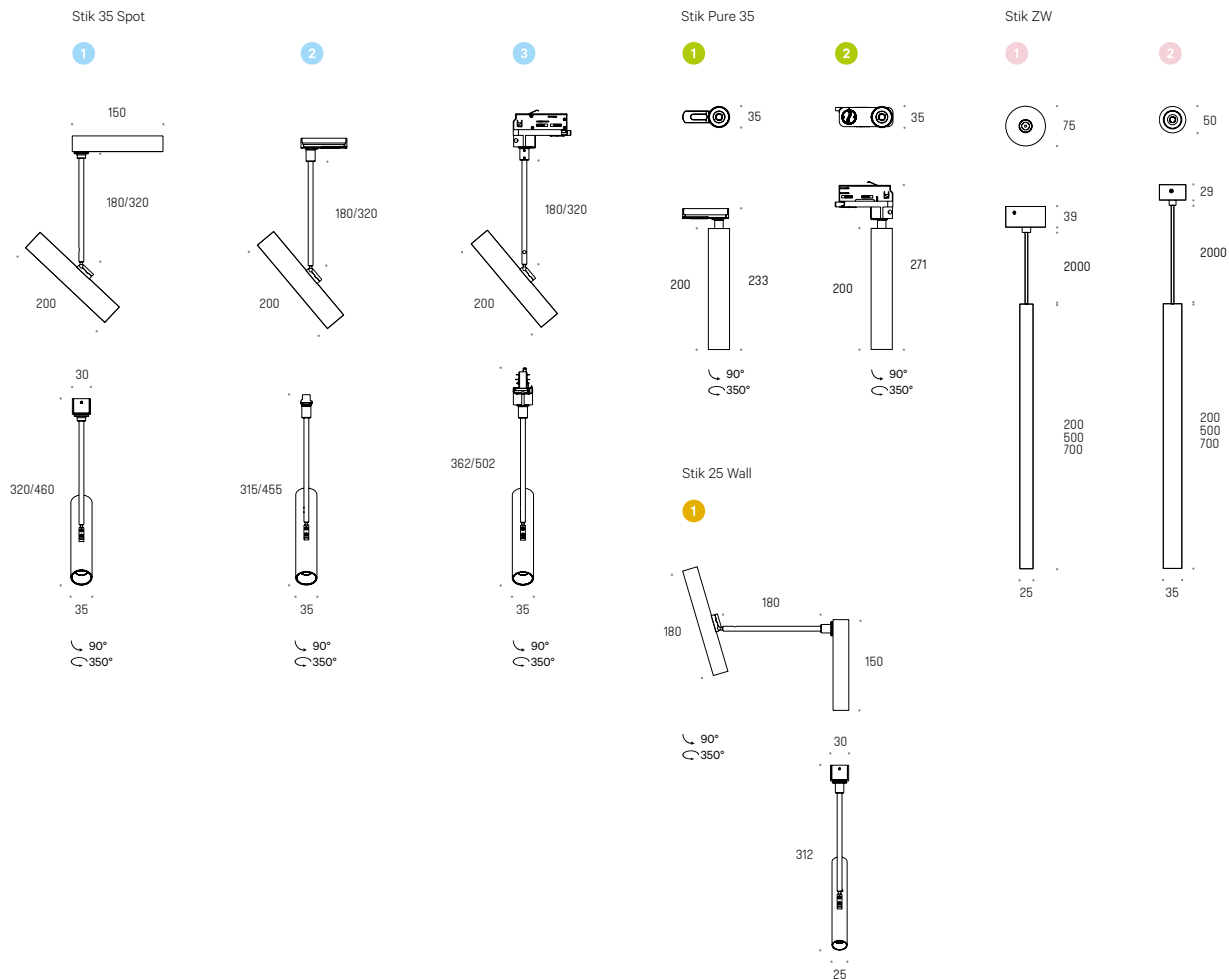
stik 35.1 ad 3F



stik 25.1 wall KN

Model	On—Off	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K
		.02	.03	.99	.927	.930	.940
Stik 35 Spot ☉							
1	35.1 NT H180	1x 8.5W 500lm, 44°	2.1271	•	•	•	
1	35.1 NT H320	1x 8.5W 500lm, 44°	2.1272	•	•	•	
2	35.1 AD 1F H180	1x 8.5W 500lm, 44°	7.1274	•	•	•	
2	35.1 AD 1F H320	1x 8.5W 500lm, 44°	7.1275	•	•	•	
3	35.1 AD 3F H180	1x 8.5W 500lm, 44°	7.1276	•	•	•	
3	35.1 AD 3F H320	1x 8.5W 500lm, 44°	7.1277	•	•	•	
Stik Pure ☉							
1	Pure 35 AD 1F	1x 8.5W 500lm, 44°	7.1908	•	•	•	
2	Pure 35 AD 3F	1x 8.5W 500lm, 44°	7.1909	•	•	•	
Stik ZW ☉							
1	25.200mm ZW	1x 4.5W 200lm, 43°	5.1767	•	•	•	•
1	25.500mm ZW	1x 4.5W 200lm, 43°	5.1763	•	•	•	•
1	25.700mm ZW	1x 4.5W 200lm, 43°	5.1764	•	•	•	•
2	35.200mm ZW	1x 11W 700lm, 44°	5.1768	•	•	•	•
2	35.500mm ZW	1x 11W 700lm, 44°	5.1765	•	•	•	•
2	35.700mm ZW	1x 11W 700lm, 44°	5.1766	•	•	•	•
Stik KN (wall) ☉							
1	25.1 Wall KN H180	1x 4.5W 200lm, 43°	1.1267	•	•	•	•

• CR190



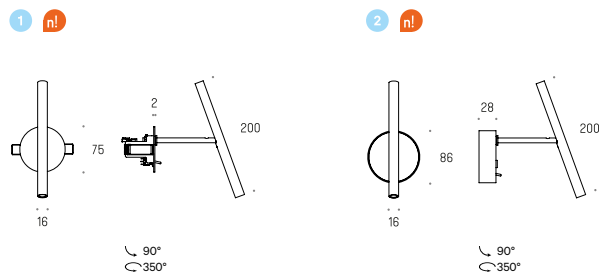


stik 16.2 R wp

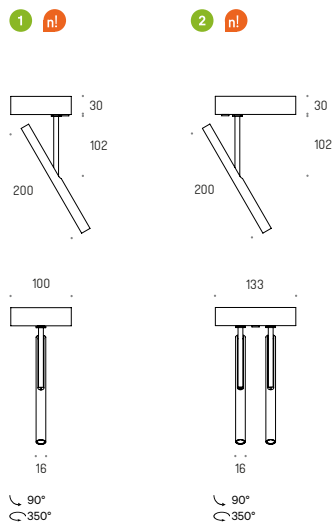
Model		On—Off	Switch DIM	DALI2	PhaseCut	Accessories	Black	White	Mixed	CRI90 2700K	CRI90 3000K	CRI90 4000K
							.02	.03	.99	.927	.930	.940
Stik 16 Wall ⊕												
1	Stik 16 SP Wall WP	2.6W 150lm, 41°	2.3364				•	•	•		•	•
2	Stik 16 SP Wall KN	2.6W 150lm, 41°	2.3365				•	•	•		•	•
Stik 16 NT ⊕												
1	Stik 16.1 R NT	7.8W 270lm, 38°	2.3392			2.3393	•	•	•		•	•
2	Stik 16.2 R NT	14W 2x 270lm, 38°	2.3394	2.3395	2.3396	2.3397	•	•	•		•	•
Stik 16 WP ⬠												
1	Stik 16.1 R WP	7.8W 270lm, 38°	4.3384	4.3385	4.3386	4.3387	•	•	•		•	•
2	Stik 16.2 R WP	14W 2x 270lm, 38°	4.3388	4.3389	4.3390	4.3391	•	•	•		•	•
Stik 16 ZW ⊕												
1	Stik 16.200 ZW	7.8W 300lm, 41°	5.3366			5.3367	•	•	•		•	•
2	Stik 16.500 ZW	7.8W 300lm, 41°	5.3368			5.3369	•	•	•		•	•
3	Stik 16.1000 ZW	7.8W 300lm, 41°	5.3370			5.3371	•	•	•		•	•
Stik 16 inZW ⬠												
1	Stik 16.200 inZW	7.8W 300lm, 41°	5.3372	5.3373	5.3374	5.3375	•	•	•		•	•
2	Stik 16.500 inZW	7.8W 300lm, 41°	5.3376	5.3377	5.3378	5.3379	•	•	•		•	•
3	Stik 16.1000 inZW	7.8W 300lm, 41°	5.3380	5.3381	5.3382	5.3383	•	•	•		•	•
4	16 inZW Mounting ring	[required]				4.3398	•	•	•			



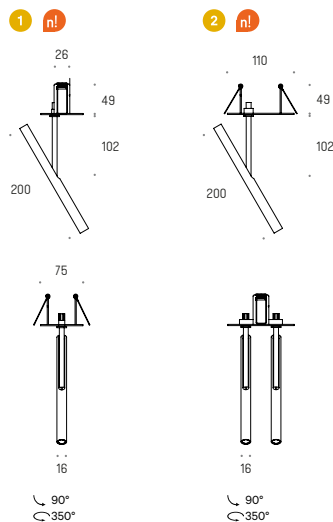
Stik 16 Wall



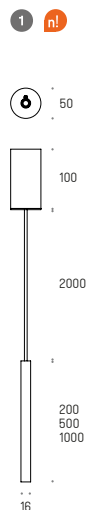
Stik 16 R WP



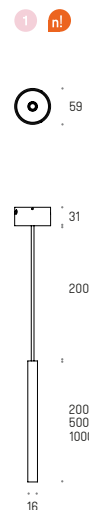
Stik 16 R WP



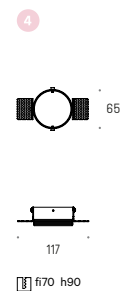
Stik 16 ZW



Stik 16 inZW



Stik 16 inZW — mounting ring





Pawel Tatara

fol. Krzysztof Zgola

stinger

stinger

The high-quality hybrid spotlight used in the Stinger family is made of optical polycarbonate for even distribution of light. A black collar around the lens reduces the glare effect even further. The movable head rotates around its axis (350°) as well as up and down (170°), allowing spot lighting to illuminate any point. The Stinger range offers two versions, a 12W variant and a more powerful, i.e. 25W, one as well as spotlights with a rail adapter. The STINGER range is distinguished by the availability of optional accessories to help achieve the desired lighting effect. There is a honeycomb screen and a glare reduction ring as well as interchangeable optics to further enhance the control of the light beam. What is more, the Stinger range offers a selection of three colour temperatures and a DALI2 function to control the amount of light.

stinger



stinger 80 NT / ad 3F / pure ad 3F



stinger



stinger 80 ad 3F + antiglare ring



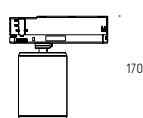
stinger pure 80 ad 3F

Model		On—Off	Switch DIM	DALI2	PhaseCut	Accessories	Black	White	Mixed	CR198 2700K	CR198 3000K	CR198 4000K	Spot 12°	Medium 42°	Wide 53°
							.02	.03	.99	.927	.930	.940	.S	.M	.W
Stinger Pure ☹															
1	80 AD 3F	1x 15W 1000lm	7.1883	7.2914	7.1884		•	•	•	•	•	•	•	•	•
2	80 AD 3F	1x 27W 1800lm	7.1885	7.2915	7.1886		•	•	•	•	•	•	•	•	•
Stinger ☹															
1	80 NT	1x 15W 1000lm	2.1770	2.2916	2.1771	2.1772	•	•	•	•	•	•	•	•	•
2	80 NT	1x 27W 1800lm	2.1776	2.2917	2.1777	2.1778	•	•	•	•	•	•	•	•	•
3	80 AD 3F	1x 15W 1000lm	7.1773	7.2918	7.1774	7.1775	•	•	•	•	•	•	•	•	•
4	80 AD 3F	1x 27W 1800lm	7.1779	7.2919	7.1780	7.1781	•	•	•	•	•	•	•	•	•
Stinger Accessories															
1	Honeycomb louvre	[option]				9.1800.02									
2	Antiglare ring	[option]				9.1801	•	•	•						
	Optic SPOT	[option]				9.1802.02									
	Optic MEDIUM	[option]				9.1803.02									
	Optic WIDE	[option]				9.1804.02									



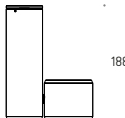
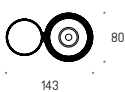
Stinger

1 2



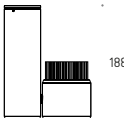
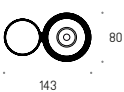
↙ 90°
↘ 350°

1



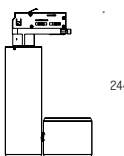
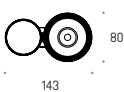
↙ 170°
↘ 350°

2



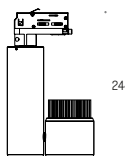
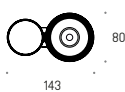
↙ 170°
↘ 350°

3



↙ 170°
↘ 350°

4



↙ 170°
↘ 350°

Stinger — accessories

1



2





MYKHAIKHA Architectural Bureau

foi. Nikolay Korsun

texo

texo

Texo — a simple and yet an elegant form of truncated or straight tube available in various mounting and finishing options. The Texo M.60 NT and ZW range offers six different body lengths; the inside of the bodies can be changed with colourful inserts which add character to the minimalist luminaires. A spectacular spatial effect can be achieved by combining Texo pendants of different lengths, mounting them centrally, close together or parallel in a straight line. Such arrangements look great over a dining table or a coffee table in a living room. An important part of the range is represented by Texo Single luminaires — that is simple spotlights for surface-mounting and mounting on the a 1F or a 3F rail; the luminaire features a concealed hinge, which enables precise adjustment of its tilt angle.

The family also includes LED versions of XS.50 and XL.75 luminaires with built-in power supplies. The distinctive feature of these models is the recessed optics and the massive ring around it.





texo m.60 NT h300 / cut m.60 NT h260 / xl.75 NT



texo M.60 single cut / xl.75 ad 3F / xs.50 ad 3F









ARMZ interior design studio

fol. Andriy Nechayev

texo

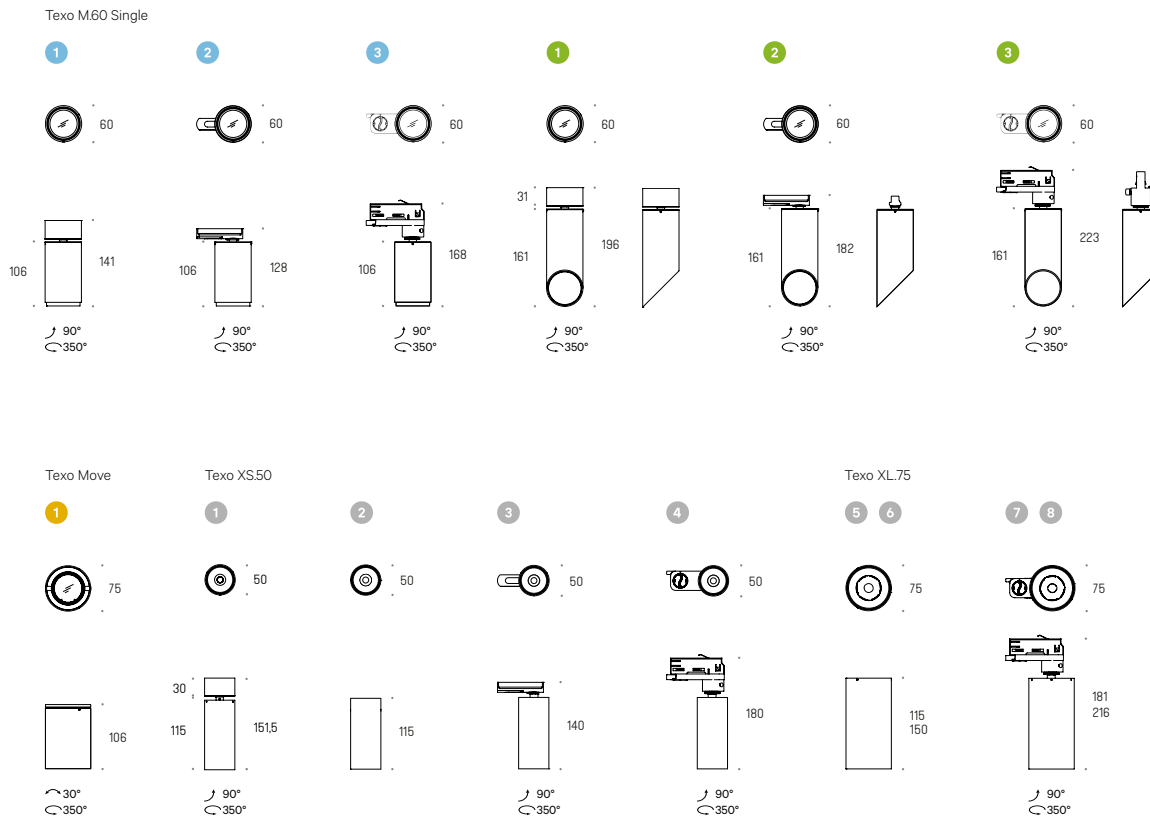
ARMZ interior design studio

for Yura Furlato

light thinking

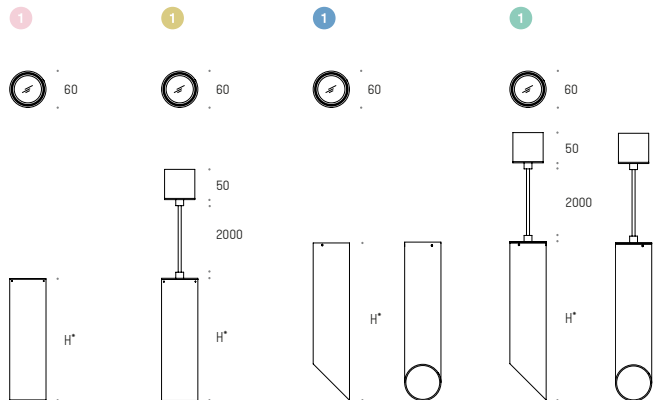


Model	On—Off	White + Black	White + Gold	White + Orange	Black + White	Black + Gold	Black + Orange	Black	White	Mixed	CRI98 2700K	CRI98 3000K	CRI98 4000K	Spot 21°	Medium 40°	Wide 57°
Texo Single ☉		.33	.88	.56	.44	.77	.66	.02	.03	.99	.927	.930	.940	.S	.M	.W
1 M.60 NT 1x 7W GU10 QPAR16 LED	2.1890	•	•	•	•	•	•			•						
2 M.60 AD 1F 1x 7W GU10 QPAR16 LED	7.1891	•	•	•	•	•	•			•						
3 M.60 AD 3F 1x 7W GU10 QPAR16 LED	7.1892	•	•	•	•	•	•			•						
Texo Single Cut ☉																
1 M.60 Cut NT 1x 7W GU10 QPAR16 LED	2.1887	•	•	•	•	•	•			•						
2 M.60 Cut AD 1F 1x 7W GU10 QPAR16 LED	7.1888	•	•	•	•	•	•			•						
3 M.60 Cut AD 3F 1x 7W GU10 QPAR16 LED	7.1889	•	•	•	•	•	•			•						
Texo Move ☉																
1 NT 1x 50W GU10 QPAR16	3.0272							•	•	•						
Texo XS / XL ☉																
1 XS.50 LED Reflektor NT 1x 10W 700lm, 47°	2.2444	•			•			•	•	•	•	•	•			
2 XS.50 G3 NT 1x 10W 700lm, 47°	3.2768	•			•			•	•	•	•	•	•			
3 XS.50 G3 AD 1F 1x 10W 700lm, 47°	7.2769	•			•			•	•	•	•	•	•			
4 XS.50 G3 AD 3F 1x 10W 700lm, 47°	7.2770	•			•			•	•	•	•	•	•			
5 XL.75 G2 NT H115 1x 14W 1050lm	3.2711	•			•			•	•	•	•	•	•	•	•	•
6 XL.75 G2 NT H150 1x 14W 1050lm	3.2712	•			•			•	•	•	•	•	•	•	•	•
7 XL.75 G2 H115 AD 3F 1x 14W 1050lm	7.2713	•			•			•	•	•	•	•	•	•	•	•
8 XL.75 G2 H150 AD 3F 1x 14W 1050lm	7.2714	•			•			•	•	•	•	•	•	•	•	•



Model	On—Off	Accessories	Gold	Miedziany	Black	White	Mixed
			.08	.40	.02	.03	.99
Texo M.60 NT ⊕							
1 H100	1x 7W GU10 QPAR16 LED	3.1958			•	•	•
H200	1x 7W GU10 QPAR16 LED	3.1959			•	•	•
H300	1x 7W GU10 QPAR16 LED	3.1960			•	•	•
H400	1x 7W GU10 QPAR16 LED	3.1961			•	•	•
H500	1x 7W GU10 QPAR16 LED	3.1962			•	•	•
H600	1x 7W GU10 QPAR16 LED	3.1963			•	•	•
Texo M.60 ZW ⊕							
1 H100	1x 7W GU10 QPAR16 LED	5.1964			•	•	•
H200	1x 7W GU10 QPAR16 LED	5.1965			•	•	•
H300	1x 7W GU10 QPAR16 LED	5.1966			•	•	•
H400	1x 7W GU10 QPAR16 LED	5.1967			•	•	•
H500	1x 7W GU10 QPAR16 LED	5.1968			•	•	•
H600	1x 7W GU10 QPAR16 LED	5.1969			•	•	•
1 M.60 Deco Ring	[option]	9.1956	•	•	•	•	•
Texo Cut M.60 NT ⊕							
1 H160	1x 7W GU10 QPAR16 LED	3.1970			•	•	•
H260	1x 7W GU10 QPAR16 LED	3.1971			•	•	•
H360	1x 7W GU10 QPAR16 LED	3.1972			•	•	•
H460	1x 7W GU10 QPAR16 LED	3.1973			•	•	•
H560	1x 7W GU10 QPAR16 LED	3.1974			•	•	•
H660	1x 7W GU10 QPAR16 LED	3.1975			•	•	•
Texo Cut M.60 ZW ⊕							
1 H160	1x 7W GU10 QPAR16 LED	5.1976			•	•	•
H260	1x 7W GU10 QPAR16 LED	5.1977			•	•	•
H360	1x 7W GU10 QPAR16 LED	5.1978			•	•	•
H460	1x 7W GU10 QPAR16 LED	5.1979			•	•	•
H560	1x 7W GU10 QPAR16 LED	5.1980			•	•	•
H660	1x 7W GU10 QPAR16 LED	5.1981			•	•	•
2 M.60 Deco Ring	[option]	9.1957	•	•	•	•	•

Texo M.60



Texo / Texo Cut Deco Ring





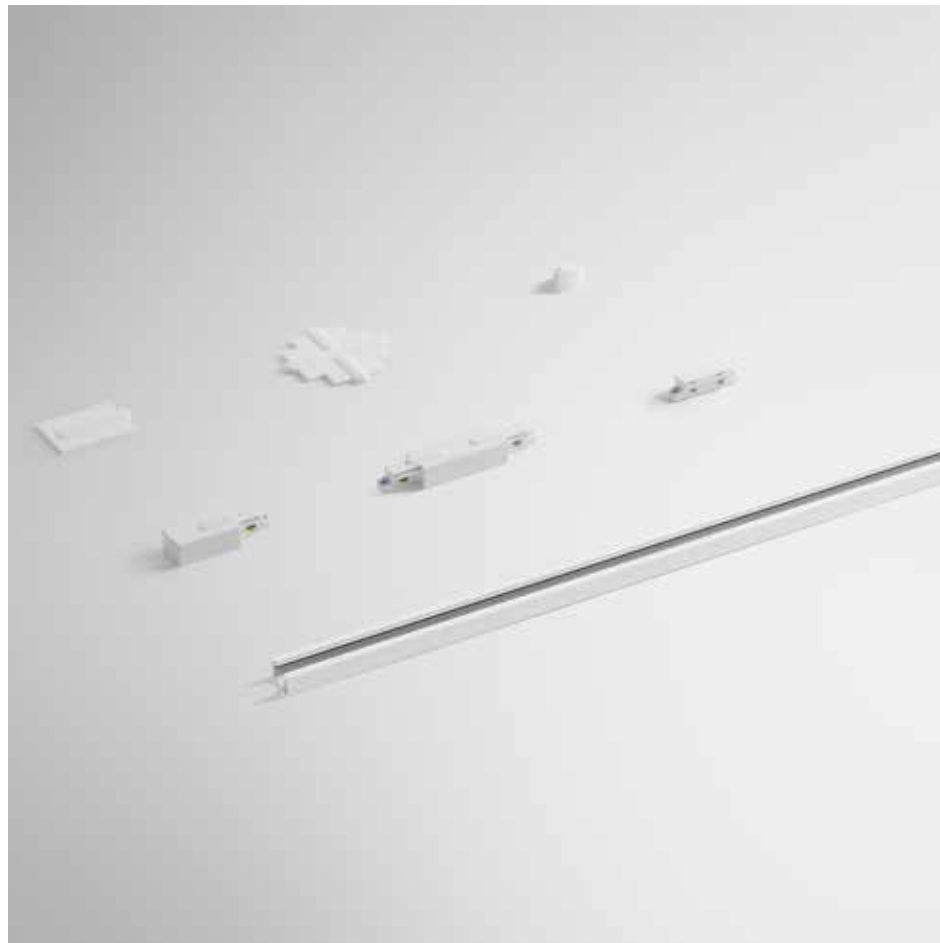
track

1F — 3F

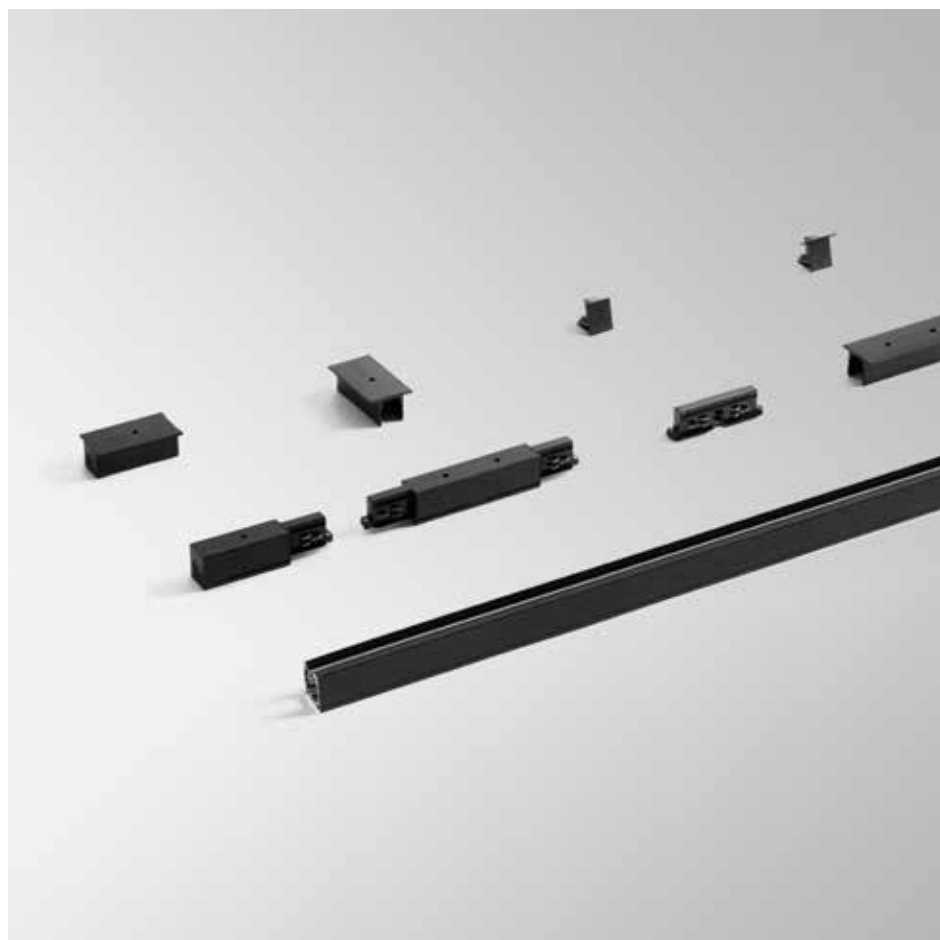


The Track system is a popular rail solution. It is based on an aluminium profile with implemented wires in a plastic shield. The Track system addresses the need to quickly and freely rearrange luminaires at home, in retail or in public spaces. A large selection of connectors and other accessories makes it easy to customise the rails to meet the needs of almost any interior. A great advantage of the system is its compatibility with many luminaire models.

There are two main types of the Track system in use — 1F, i.e. a small size rail with one available circuit. Track 3F is a solution designed for even the most complex configurations, it consists of three circuits + an additional DALI2 line for a complete luminaire control.



track 1F



track 3F



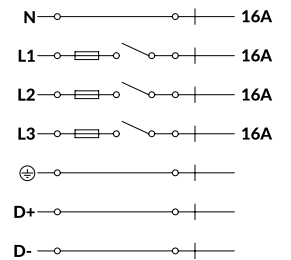
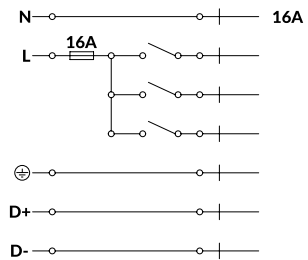
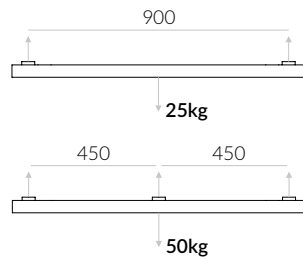
track 3F DALI

Track 3F DALI — technical data

Available colors

Electric diagram

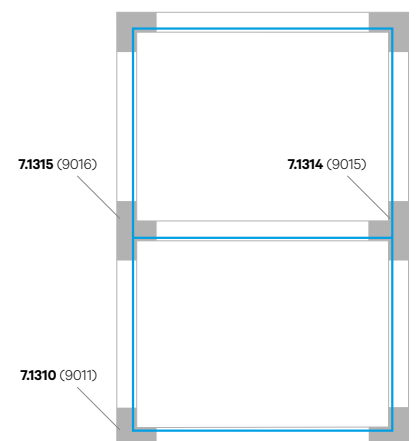
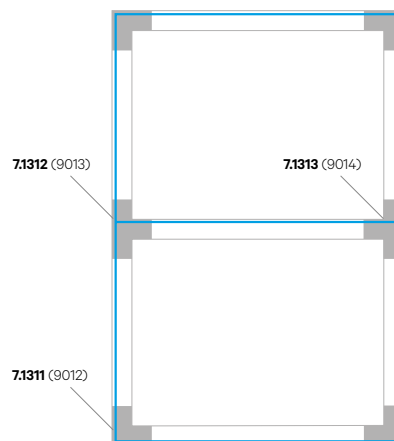
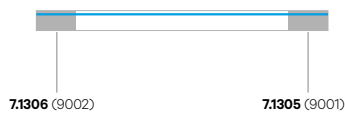
Permissible load



Track 3F DALI — accessories usage

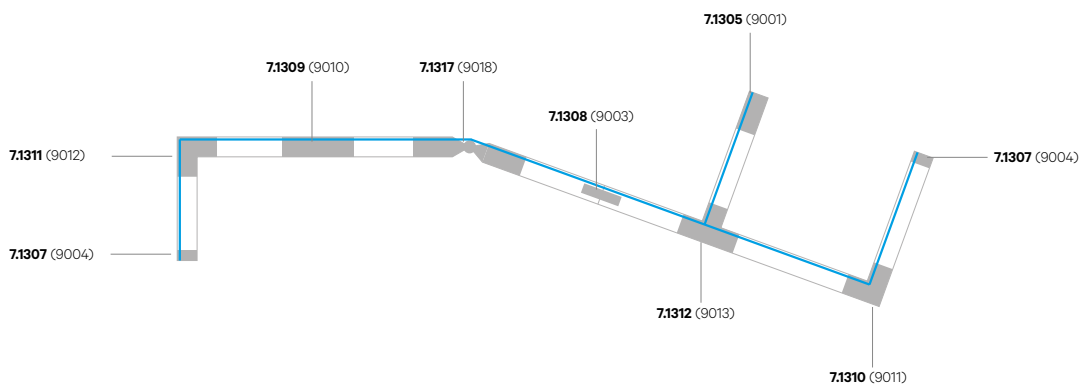
Usage of end feeds


Usage of connectors "L" i "T"



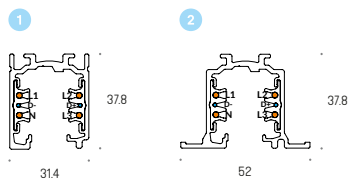
Track 3F DALI

An example of the use of system components

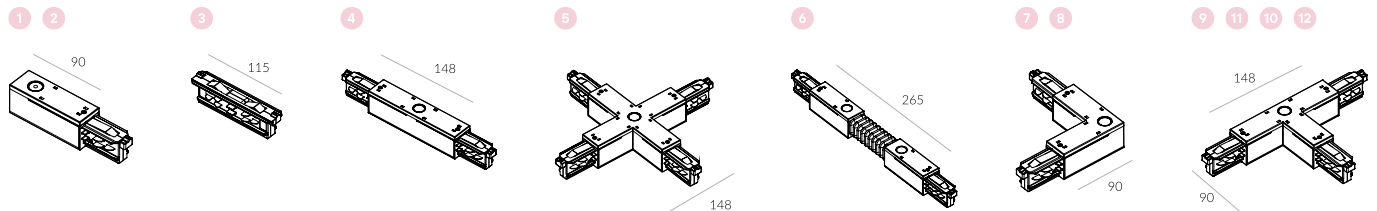


Model	Komponenty	Black	White
	Track 3F 	.02	.03
1	Track Surface 3F 100cm (9000-1)	•	•
1	Track Surface 3F 200cm (9000-2)	•	•
2	Track Recessed 3F 100cm (9000-1)	•	•
2	Track Recessed 3F 200cm (9000-2)	•	•
1	End Feed LEFT (9001)	•	•
2	End Feed RIGHT (9002)	•	•
3	Internal Connector, Straight (9003)	•	•
4	Straight Feed Connector (9010)	•	•
5	"X" Feed Connector (9017)	•	•
6	Straight Feed Connector - Flexible (9018)	•	•
7	"L" Corner Feed Connector inner RIGHT (9011)	•	•
8	"L" Corner Feed Connector LEFT (9012)	•	•
9	"T" Feed Connector inner RIGHT (9013)	•	•
10	"T" Feed Connector outer LEFT (9014)	•	•
11	"T" Feed Connector inner RIGHT (9015)	•	•
12	"T" Feed Connector outer LEFT (9016)	•	•
1	Pendant mounting		
2	Pendant power supply (5x 0,5)	•	•
3	Ceiling mounting (S-9000/111)		
4	End Cap (9004)	•	•
	Recessed track mounting bracket		
	Recessed End Feed Cover	•	•
	Recessed Straight Feed Cover	•	•
	Recessed Corner Feed Cover	•	•

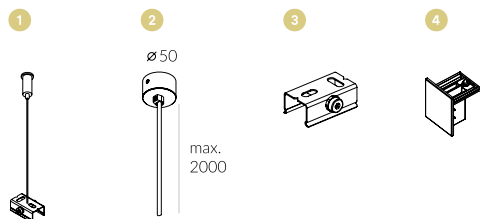
Track 3F — profiles



Track 3F — Connectors



Track 3F — mountings / end caps




track 1F


Track 1F BASIC — technical data

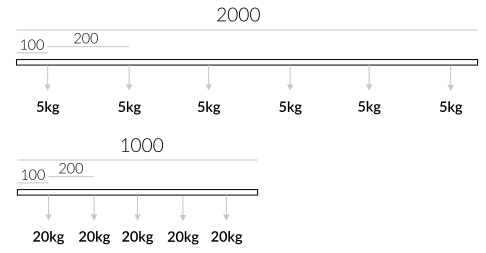
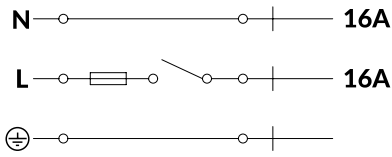
Available colors

Electric diagram

Permissible load

 .02 Black — RAL 9005

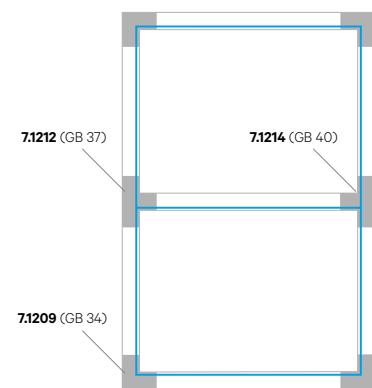
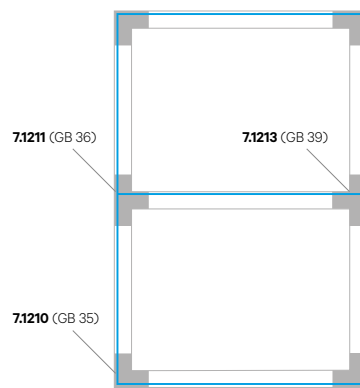
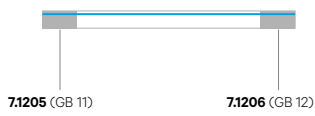
 .03 White — RAL 9010



Track 1F BASIC — accessories usage

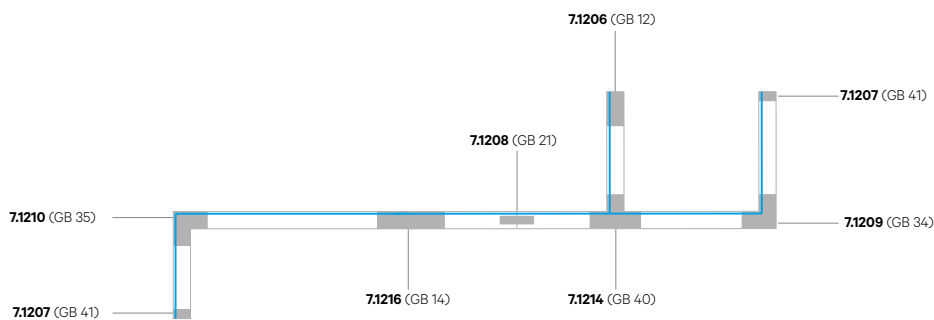
Usage of end feeds


Usage of connectors 'L' | 'T'



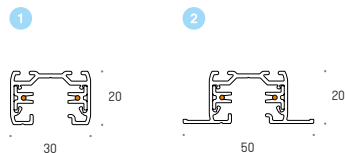
Track 1F BASIC

An example of the use of system components

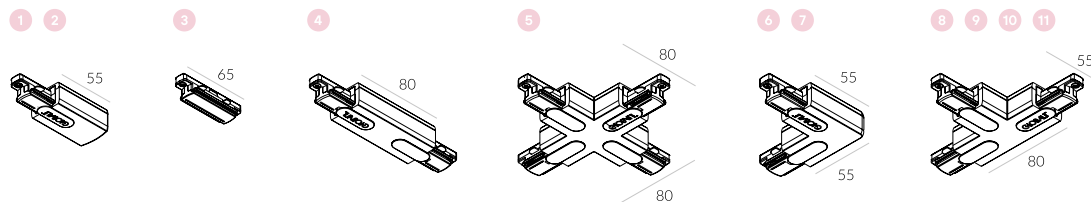


Model	Components	Black		White	
		.02	.03		
Track 1F 					
1	Track Surface 1F 100cm (GB2100)	71201	•	•	
1	Track Surface 1F 200cm (GB2200)	71202	•	•	
2	Track Recessed 1F 100cm (GBF2100)	71203	•	•	
2	Track Recessed 1F 100cm (GBF2200)	71204	•	•	
1	End Feed LEFT (GB11)	71205	•	•	
2	End Feed RIGHT (GB12)	71206	•	•	
3	Internal Connector Straight (GB21)	71208	•	•	
4	Straight Feed Connector (GB14)	71216	•	•	
5	"X" Feed Connector (GB38)	71215	•	•	
6	"L" Corner Feed Connector inner RIGHT (GB34)	71209	•	•	
7	"L" Corner Feed Connector outer LEFT (GB35)	71210	•	•	
8	"T" Feed Connector outer RIGHT (GB36)	71211	•	•	
9	"T" Feed Connector outer LEFT (GB37)	71212	•	•	
10	"T" Feed Connector inner RIGHT (GB39)	71213	•	•	
11	"T" Feed Connector inner LEFT (GB40)	71214	•	•	
1	Pendant mounting	71217	•	•	
2	Pendant Power supply (3x 0,5)	71218			
3	Recessed End Feed Cover (GBF10)	71219	•	•	
4	Recessed "X" Connector Cover (GBF30)	71220	•	•	
	Recessed Track mounting bracket	9.2360	•	•	
5	End Cap (GB41)	71207			

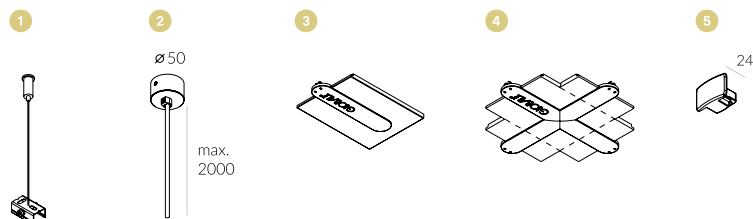
Track 1F — profiles



Track 1F — Connectors



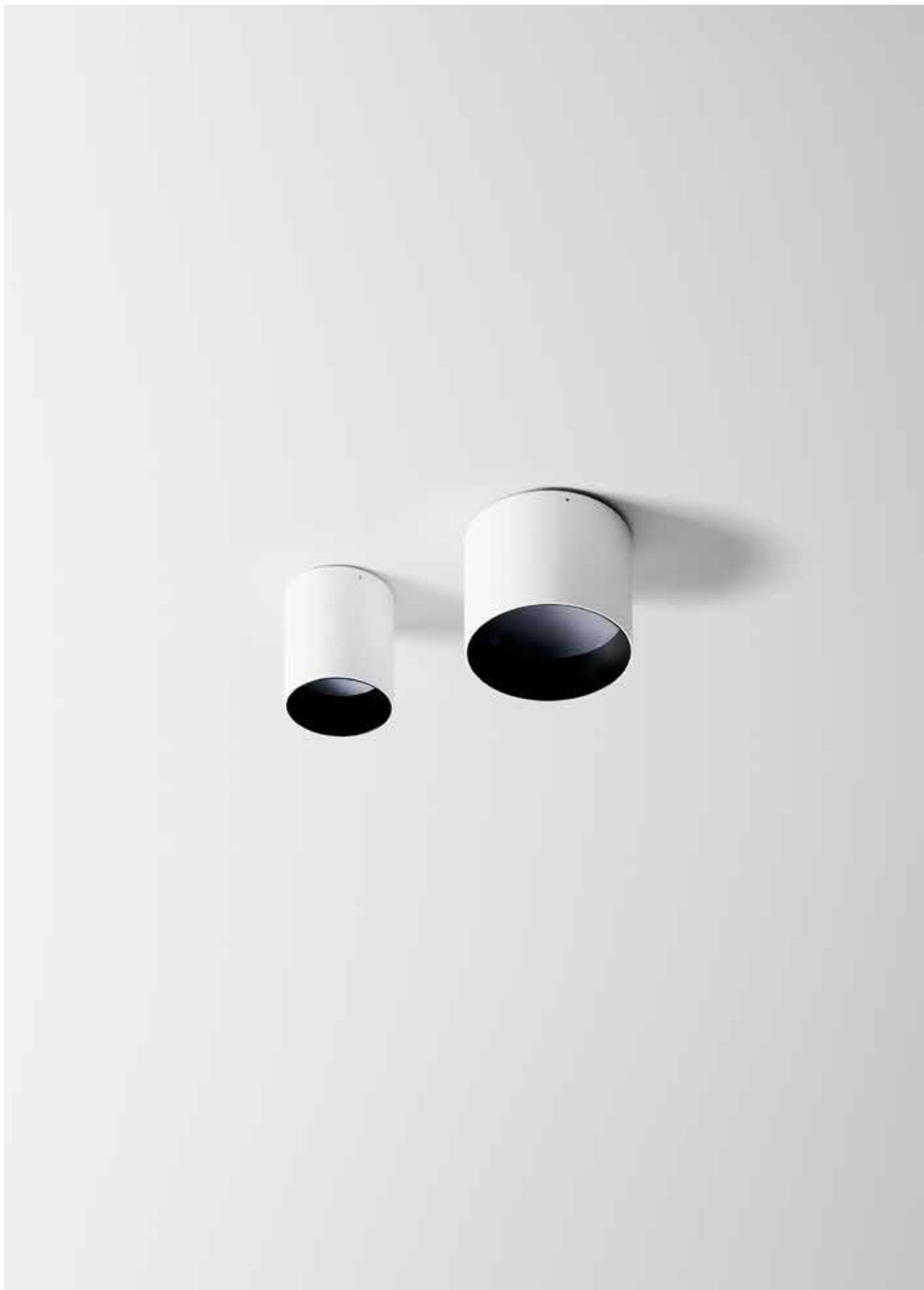
Track 1F — mountings / end caps





tubular

Tubular is a downlight type of luminaire available in two diameters: 90 mm and 133 mm. The aluminium body houses LEDs integrated behind a light-diffusing screen. Choose between diffused opal (DF) or microprismatic satin (MP). With its minimalist form, the Tubular is well-suited for both modern and classic interiors, however, it is most often used in kitchen areas. The luminaire is distinguished by a very deeply recessed screen; additionally, the interior of the luminaire can be painted in a different colour than the main body.

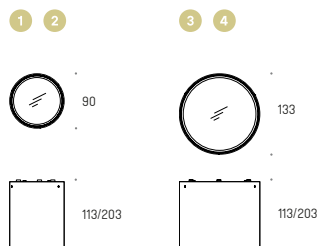


Model		On—Off	Switch DIM	DALI2	White + Black	Black	White	Mixed	CR180 2700K	CR180 3000K	CR180 4000K	Diffused	Microprismatic
Tubular	⊕				.33	.02	.03	.99	.827	.830	.840	.DF	.MP
1 90 H110	10W 500lm *	3.1097			•	•	•	•	•	•	•	•	•
2 90 H200	10W 500lm *	3.1098			•	•	•	•	•	•	•	•	•
3 133 H110	20W 1200lm *	3.1099	3.1988	3.1158	•	•	•	•	•	•	•	•	•
4 133 H200	20W 1200lm *	3.1100	3.1989	3.1159	•	•	•	•	•	•	•	•	•

* version DF, interior White



Tubular



tubular 133 — microprismatic cover





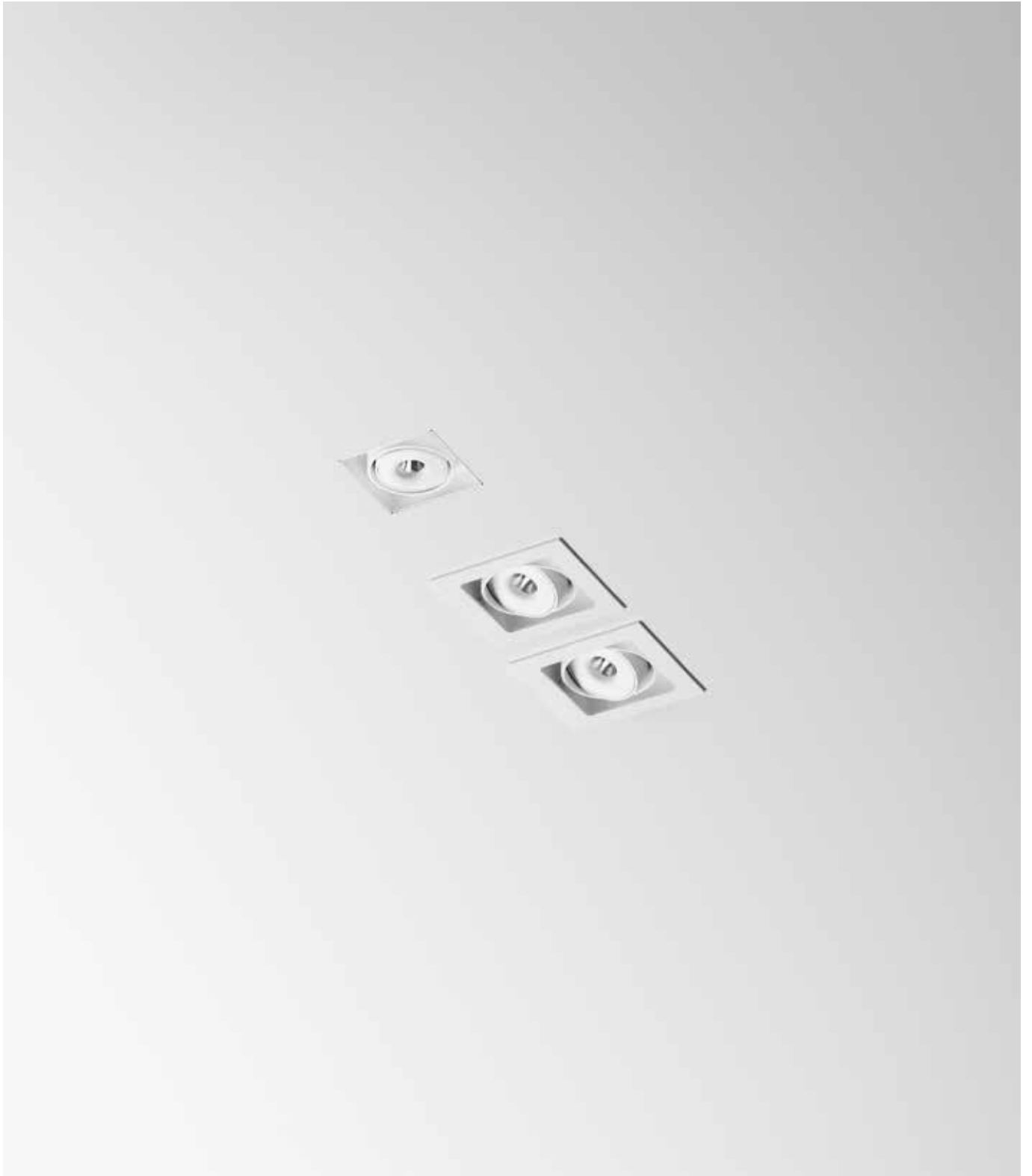
Na Antresoli

foi. Migdal Studio

tweet

tweet

TWEET luminaires are characterised by simple cubist shapes and the minimum of visible elements. The family consists of double and single surface-mounted luminaires and recessed luminaires, in which case customers can choose between frameless models or those with a narrow frame covering the cut-out of the mounting hole. The body houses moving spotlights with QPAR16 LED, mini.LED or GU10. An interesting luminaire for ceiling mounting in kitchens, corridors, dressing rooms or halls, it is also well-suited for offices and public spaces.



tweet 50.1 trimless / 50.2 WP







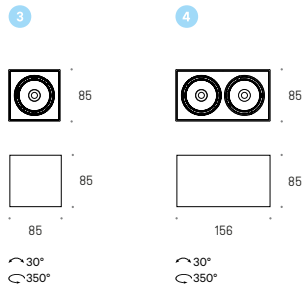
tweet 50.2 NT / 50.1 NT



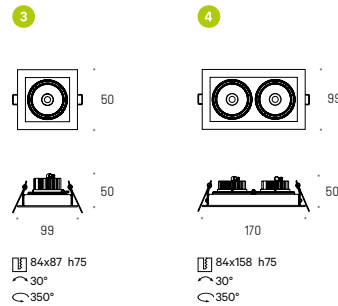
Model		On—Off	Switch DIM	DALI2	PhaseCut	Accessories	White + Black	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
							.33	.02	.03	.99	.927	.930	.940
Tweet NT ☺													
1	50.1	1x 7W GU10 QPAR16 LED	3.2127				•	•	•	•			
2	50.2	2x 7W GU10 QPAR16 LED	3.2128				•	•	•	•			
3	50.1 mini.LED AC230	1x 6W 550lm, 47°	3.2129				•	•	•	•	•	•	•
4	50.2 mini.LED AC230	2x 6W 550lm, 47°	3.2130				•	•	•	•	•	•	•
Tweet ☺													
1	50.1	1x 7W GU10 QPAR16 LED	4.1140				•	•	•	•			
2	50.2	2x 7W GU10 QPAR16 LED	4.1141				•	•	•	•			
3	50.1 mini.LED	1x 11W 850lm, 47°	4.1160	4.1335	4.1408	4.1407	•	•	•	•	•	•	•
4	50.2 mini.LED	2x 11W 850lm, 47°	4.1161	4.1336	4.1410	4.1409	•	•	•	•	•	•	•
Tweet Trimless ☺													
1	50.1	1x 7W GU10 QPAR16 LED	4.1142				•	•	•	•			
2	50.2	2x 7W GU10 QPAR16 LED	4.1143				•	•	•	•			
3	50.1 mini.LED	1x 11W 850lm, 47°	4.1162	4.1337	4.1414	4.1413	•	•	•	•	•	•	•
4	50.2 mini.LED	2x 11W 850lm, 47°	4.1163	4.1338	4.1416	4.1415	•	•	•	•	•	•	•
5	50.1 Mounting Frame	[required]				4.1756							
6	50.2 Mounting Frame	[required]				4.1757							



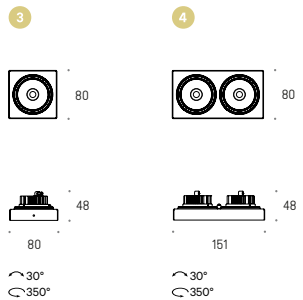
Tweet NT



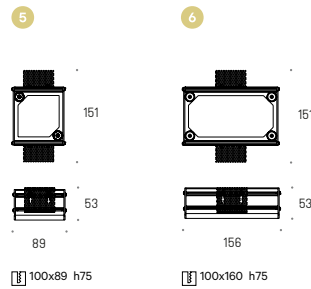
Tweet WP



Tweet WP Trimless



Tweet WP Trimless — mounting frames





PW interior Jaroslav Horák

foť. Jaroslav Horák

walk'ny

walk'y

The Walk'y stair luminaire is designed to illuminate passageways and individual stair treads. It has the shape of a flat square with a side of 80 mm and a small light source placed asymmetrically. Spotlighting the floor provides comfort when moving around after dark and effectively highlights interior design elements. The thin front panel is made of 4mm thick aluminium. The black lacquered interior effectively eliminates uncomfortable glare. The luminaire is designed to be mounted in plasterboard but thanks to a special box, it can be installed directly into concrete.

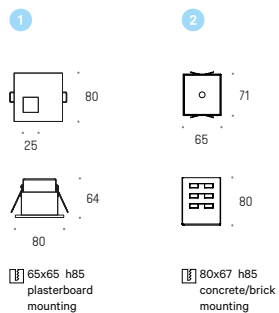


walk'y 230V

Model	On-Off	Accessories	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
Walky	☹		.02	.03	.99	.927	.930	.940
1 Walky 230V	1 x 2.5W 90lm	4.0317	•	•	•	•	•	•
2 Concrete mounting Box	[option]	9.0390						



Walky





OFFA Studio Mikołaj Bejnarowicz

fol. Krzysztof Zgola

wave

wave

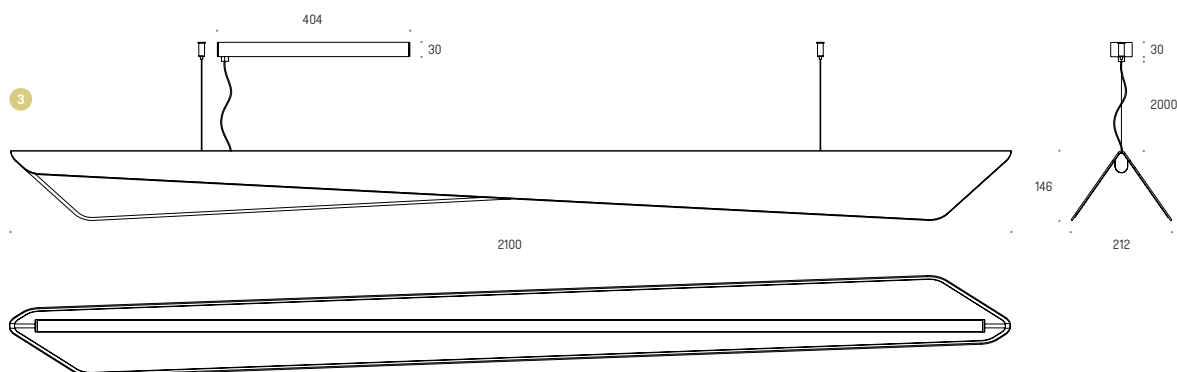
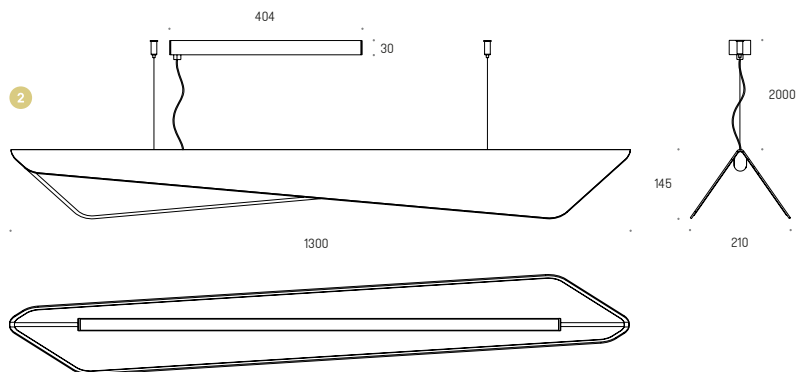
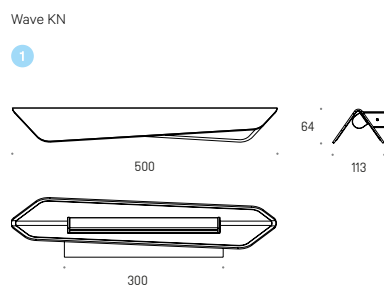
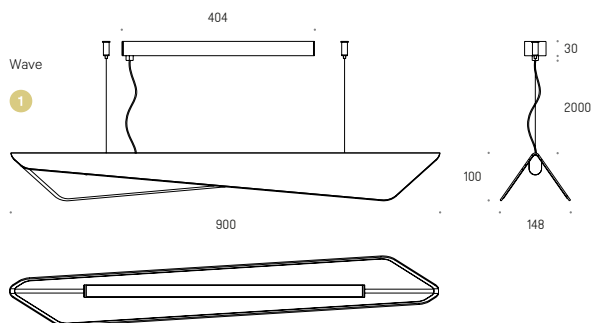
Wave owes its original shape to finely bent aluminium. The silhouette of the luminaire resembles an asymmetrically flowing wave. The combination of a black body with a white interior, which is perfect for diffusing the light, adds lightness and elegance to the whole design. All of this is combined with modern LED sources with colour temperature of 2700, 3000 or 4000 K and a high CRI of 90. There are three sizes of pendant luminaires to choose from — where different lengths, from 900 to 2000mm, allow you to fit into spaces of different sizes. Bright and pleasant light will be perfect over a dining room table or will emphasise the style of representative office interiors. The range is completed by a small wall lamp which uses reflected light.







Model		On—Off	Switch DIM	DALI2	PhaseCut	Black + White	Black + Orange	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K
						.44	.66	.02	.03	.99	.927	.930	.940
Wave KN	⊕												
1 MAX Minimal	1x 14W 1100lm	1.1179			1.1180	•	•	•	•	•	•	•	•
Wave	⊕												
1 MAX Minimal	1x 27W 2200lm	5.1177	5.2490	5.1178		•	•	•	•	•	•	•	•
2 MAX	1x 25W 1900lm	5.0424	5.2491	5.0844		•	•	•	•	•	•	•	•
3 MAX Superior	1x 45W 3800lm	5.1188	5.2492	5.1189		•	•	•	•	•	•	•	•





yon 46

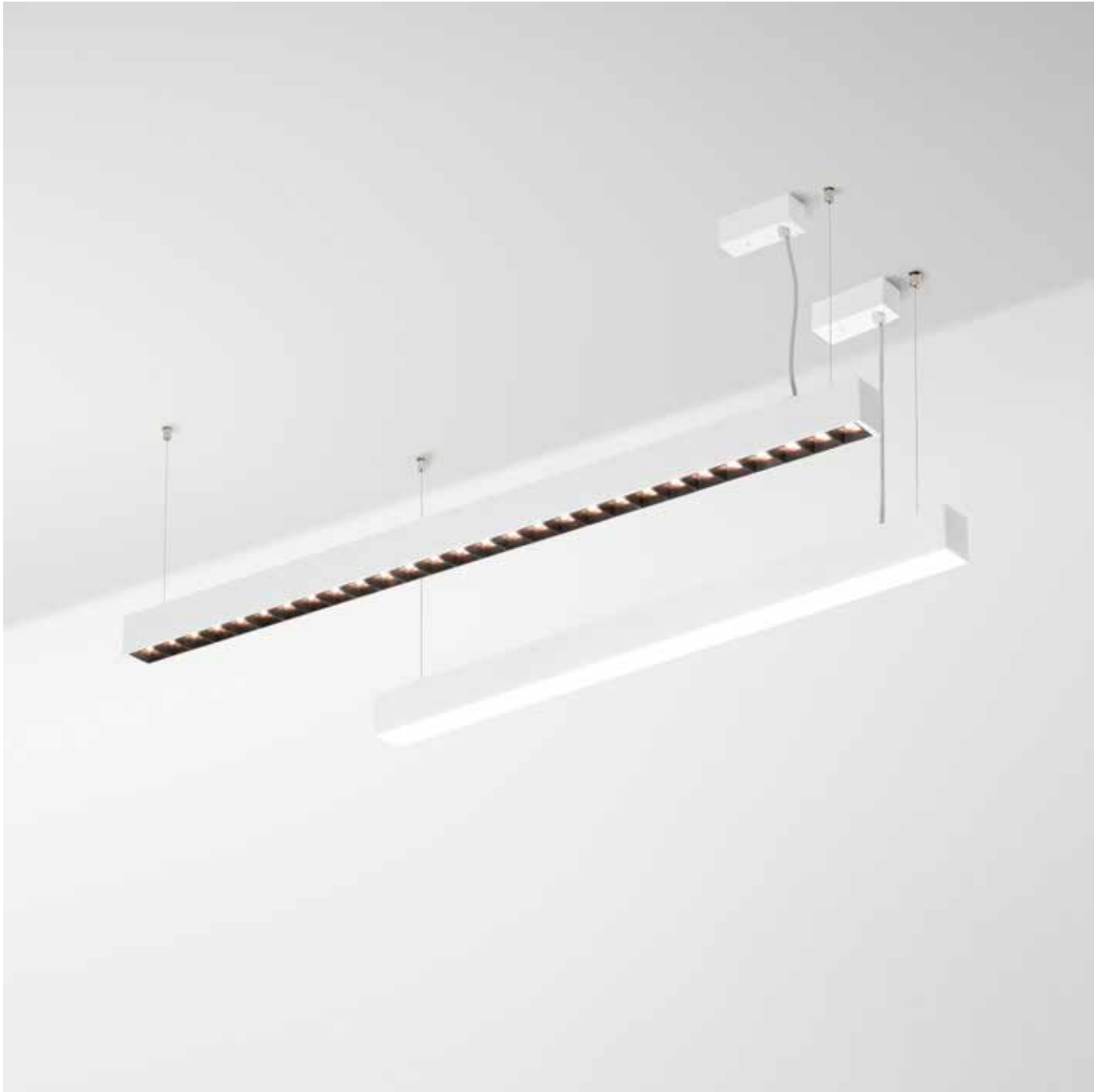


Yon is a family of linear luminaires in surface-mounted, suspended and wall mounted versions, equipped with an integrated LED source. The simple form is based on a 57mm high aluminium body. With a variety of model lengths to choose from and a range of light outputs from 1050lm to as much as 7400lm, this range can illuminate any space. Yon Grid is primarily dedicated to office interiors as a workstation lighting with UGR <19. The luminaire with a shade made of opal matt polycarbonate will work well as general lighting. The two-piece design ensures easy installation. Built-in electronic driver.





yon 46.9 grid NT / yon 46.9 NT



yon 46.12 grid ZW / yon 46.9 ZW

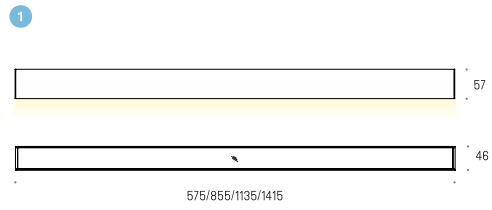




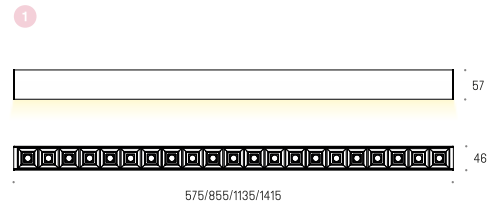


yon 46

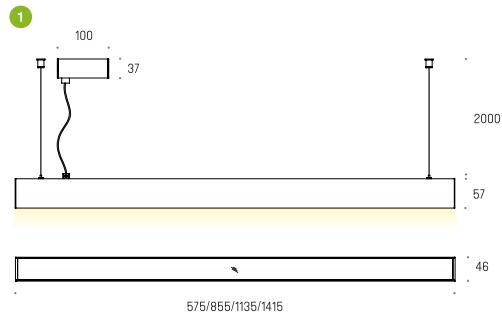
Yon 46 NT



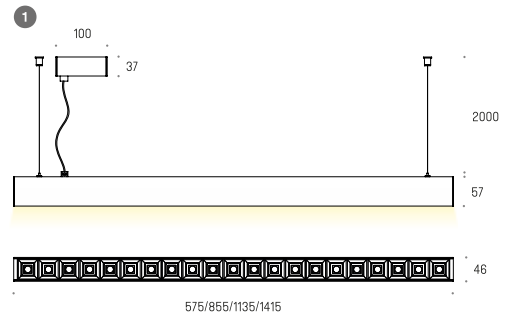
Yon 46 Grid NT



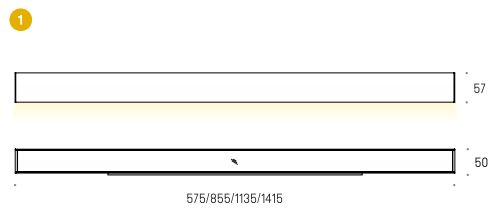
Yon 46 ZW



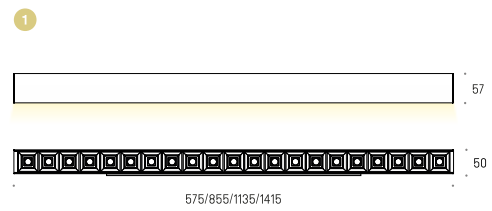
Yon 46 Grid ZW



Yon 46 KN



Yon 46 Grid KN



yon 46 — Diffused / general lighting



yon 46 grid — lens 52° / UGR <19



Model		On—Off	Switch DIM	DALI2	White + Black	Black	White	Mixed	CR190 2700K	CR190 3000K	CR190 4000K	Wide 52°	X-Wide 82°
					.33	.02	.03	.99	.927	.930	.940	.W	.XW
Yon 46 NT (surface) ⊕													
1	46.6 LP	15W 1050lm	6.2565	6.2812	6.2566	•	•	•	•	•	•		
	46.6 HP	28W 2100lm	6.2567	6.2813	6.2568	•	•	•	•	•	•		
	46.9 LP	22W 1600lm	6.2569	6.2814	6.2570	•	•	•	•	•	•		
	46.9 HP	40W 3200lm	6.2571	6.2815	6.2572	•	•	•	•	•	•		
	46.12 LP	28W 2100lm	6.2573	6.2816	6.2574	•	•	•	•	•	•		
	46.12 HP	52W 4200lm	6.2575	6.2817	6.2576	•	•	•	•	•	•		
	46.15 LP	34W 2600lm	6.2577	6.2818	6.2578	•	•	•	•	•	•		
	46.15 HP	66W 5250lm	6.2579	6.2819	6.2580	•	•	•	•	•	•		
Yon 46 ZW (suspended) ⊕													
1	46.6 LP	15W 1050lm	6.2581	6.2820	6.2582	•	•	•	•	•	•		
	46.6 HP	28W 2100lm	6.2583	6.2821	6.2584	•	•	•	•	•	•		
	46.9 LP	22W 1600lm	6.2585	6.2822	6.2586	•	•	•	•	•	•		
	46.9 HP	40W 3200lm	6.2587	6.2823	6.2588	•	•	•	•	•	•		
	46.12 LP	28W 2100lm	6.2589	6.2824	6.2590	•	•	•	•	•	•		
	46.12 HP	52W 4200lm	6.2591	6.2825	6.2592	•	•	•	•	•	•		
	46.15 LP	34W 2600lm	6.2593	6.2826	6.2594	•	•	•	•	•	•		
	46.15 HP	66W 5250lm	6.2595	6.2827	6.2596	•	•	•	•	•	•		
Yon 46 KN (wall) ⊕													
1	46.6 LP	15W 1050lm	6.2613	6.2828	6.2614	•	•	•	•	•	•		
	46.6 HP	28W 2100lm	6.2615	6.2829	6.2616	•	•	•	•	•	•		
	46.9 LP	22W 1600lm	6.2617	6.2830	6.2618	•	•	•	•	•	•		
	46.9 HP	40W 3200lm	6.2619	6.2831	6.2620	•	•	•	•	•	•		
	46.12 LP	28W 2100lm	6.2621	6.2832	6.2622	•	•	•	•	•	•		
	46.12 HP	52W 4200lm	6.2623	6.2833	6.2624	•	•	•	•	•	•		
	46.15 LP	34W 2600lm	6.2625	6.2834	6.2626	•	•	•	•	•	•		
	46.15 HP	66W 5250lm	6.2627	6.2835	6.2628	•	•	•	•	•	•		
Yon 46 Grid NT (surface) ⊕													
1	46.3 Grid HP	17W 1500lm	6.2663			•	•	•	•	•	•	•	•
	46.6 Grid HP	31W 2950lm	6.2665	6.2837	6.2666	•	•	•	•	•	•	•	•
	46.9 Grid HP	47W 4450lm	6.2667	6.2838	6.2668	•	•	•	•	•	•	•	•
	46.12 Grid HP	61W 5900lm	6.2669	6.2839	6.2670	•	•	•	•	•	•	•	•
	46.15 Grid HP	75W 7400lm	6.2671	6.2840	6.2672	•	•	•	•	•	•	•	•
Yon 46 Grid ZW (suspended) ⊕													
1	46.6 Grid HP	31W 2950lm	6.2675	6.2842	6.2676	•	•	•	•	•	•	•	•
	46.9 Grid HP	47W 4450lm	6.2677	6.2843	6.2678	•	•	•	•	•	•	•	•
	46.12 Grid HP	61W 5900lm	6.2679	6.2844	6.2680	•	•	•	•	•	•	•	•
	46.15 Grid HP	75W 7400lm	6.2681	6.2845	6.2682	•	•	•	•	•	•	•	•
Yon 46 Grid KN (wall) ⊕													
1	46.6 Grid HP	31W 2950lm	6.2695	6.2847	6.2696	•	•	•	•	•	•	•	•
	46.9 Grid HP	47W 4450lm	6.2697	6.2848	6.2698	•	•	•	•	•	•	•	•
	46.12 Grid HP	61W 5900lm	6.2699	6.2849	6.2700	•	•	•	•	•	•	•	•
	46.15 Grid HP	75W 7400lm	6.2701	6.2850	6.2702	•	•	•	•	•	•	•	•

Yon Grid — data for White version, optic .W, 52°



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