



In 2020 in our Barcelona facilities, we have completed the building of a factory which is totally dedicated to the manufacturing of luminaires and lighting kits in mass production.

Our new luminaire division is totally free of static electricity and the environment is dust/moisture free. We also have working surface areas which eliminate static electricity and also some equipment which releases any static electricity before entering. All of our operators work with special bracelets to free static electricity.

With these new facilities we are much more prepared for larger productions and above all for complying with the strictest quality controls.

Once the luminaires are manufactured they pass the necessary quality controls in our laboratory and the corresponding photometric measurements are generated and converted into IES files.

skyled



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Dublin Led Profile with ecoled flexible strip
Photographs courtesy of Nupami group



Made to measure kits



Innovation

made
in
Spain

You choose:

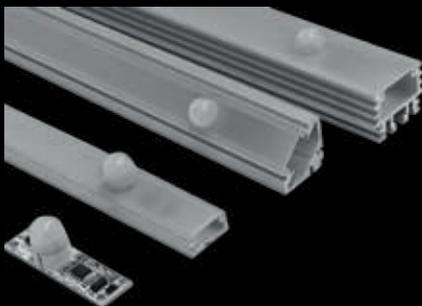
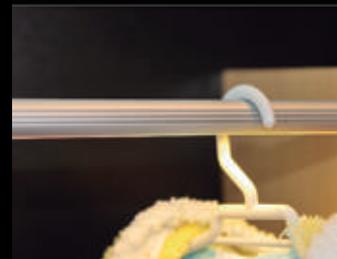
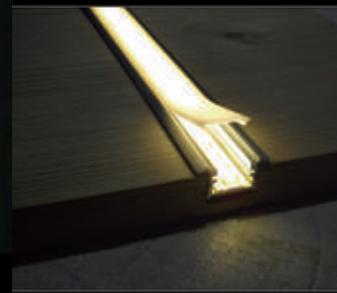
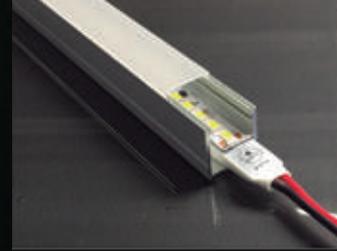
1. The profile and its length
2. Led (model, power, etc.)
3. Accessories (sensors, switches, hangers, etc.)
and we will prepare it for you, all ready to be plugged in

This is a totally personalised and made to measure service.

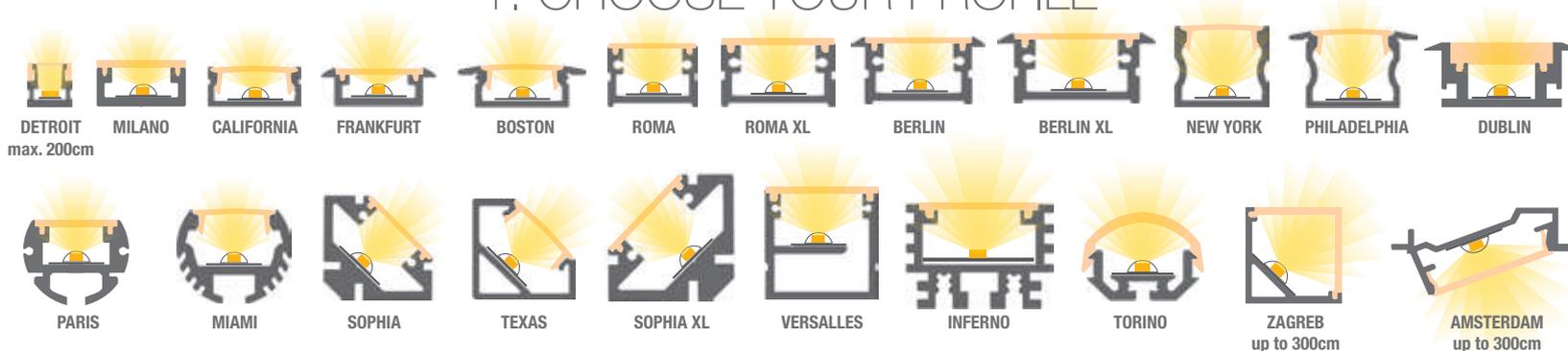
The kit includes the profile, the led, a choice of covers along with clips, endcaps and power supply with a soldered 2m cable.

Optional items include sensors, 45° angle cuts, resin encapsulation, etc. We can offer up to 6m in one single piece without any joints.

The RGB, RGB+W or WW+CW include their controllers and amplifiers. Special prices for large quantities.



1. CHOOSE YOUR PROFILE



2. CHOOSE YOUR LED

TYPE OF FLEXIBLE ecoled STRIP	SERIES	POWER	LUMENS	VOLTAGE	COLOUR (°KELVIN)	LEDS/m	WATERPROOFING	CUT SIZE (FLEXIBLE STRIP)
IBIZA PRO	PRO	4.8W/m	441 Lm / 6300°K	12V	6300 4000 2800	60	IP67 "DUO"	50mm
RUBI PRO	BASIC	4.8W/m	438 Lm / 6000°K	12V	6000 2800 RGB	60	IP65	50mm
VIZCAYA	PRO	10W/m	1100 Lm / 6500°K	24V	6500 4000 3000 2800	144	IP67 "DUO"	42mm
TOPACIO	BASIC	11.5W/m	864 Lm / 7800°K	12V	6000 2800	144	IP20	20mm
CASTELLON	PRO	12.8W/m	1327 Lm / 6000°K	48V	6000 4000 2800	150	IP20	100mm
ELITE 5, 10, 15*, 20	ELITE	15W/m	1770 Lm / 6500°K	24V	6500 4000 3000 2700 2400 2100	140	IP20	50mm
AGATA RGB	BASIC	14.4W/m	350 Lm / white	12V	RGB	60	IP65	50mm
ZAFIRO PRO	BASIC	15W/m	1203 Lm / 7800°K	24V	7800 4000 2800	60	IP65	100mm
HIERRO	PREMIUM	16W/m	1850 Lm / 4200°K	24V	4200 3200 2850	126	IP20	55.5mm
AVILA PRO	PRO	12W/m	1071 Lm / 5000°K	12V	6000 4400 3000 RGB	60	IP54	50mm
ESMERALDA RGB	BASIC	7.2W/m	220 Lm / white	12V	RGB	30	IP65	100mm
GOMERA	PREMIUM	21W/m	2450 Lm / 4200°K	24V	4200 3200 2850	238	IP20	29.4mm
INFINITY 14	230V	14W/m	1600 Lm / 6500°K	230V	6500 4500 3000 2700	140	IP67	100mm
LANZAROTE	PREMIUM	18W/m	2100 Lm / 4200°K	24V	4200 3200 2850	196	IP20	35.7mm
GERONA PRO RGB	PRO	23W/m	1150 Lm / white	24V	RGB	244	IP20	31.25mm
MARBELLA PRO RGBW	PRO	19W/m	800 Lm / white	24V	RGB+W 3000	60	IP20	100mm
NERJA	PRO	19.2W/m	1500 Lm / 5500°K	24V	6500 3100	120	IP20	50mm
CANOVELLES PRO	PRO	19.2W/m	1631 Lm / 6500°K	24V	6500 4000 3000	240	IP67 "DUO"	25mm
BARCELONA	PRO	19.2W/m	1600 Lm / 6500°K	12V	6500 4000 3000	240	IP20	12.5mm
GRANADA	PRO	21W/m	3150 Lm / 6500°K	24V	6500 4000 2700	128	IP20	62.5mm

* The temperatures reflected on the led will vary once we apply the profile and cover. In the case of the flexible strips with IP20, the colour temperature can vary in $\pm 200^{\circ}\text{Kelvin}$. In strips with IP65 and IP67, the colour temperature may vary in $\pm 400^{\circ}\text{Kelvin}$.

* The colour temperatures 2700°K-2400°K-2100°K correspond to Elite 15



Plugins available for DIALux and RELUX.

3. CHOOSE YOUR ACCESSORIES (at extra charge)



Resin



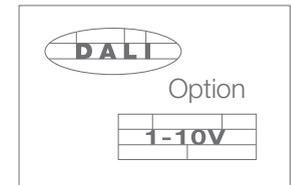
45° angle cut



Tactile switch or internal sensor



Hanging KIT



Profile + cover + endcaps + brackets + ecoled + power supply

KIT size: ecoled model	31-60 cm	61-90 cm	91-130 cm	131-170 cm	171-210 cm	211-250 cm	251-290 cm	291-330 cm	331-370 cm	371-410 cm	411-450 cm	451-500 cm	501-550 cm	551-600 cm
IBIZA PRO	30.017	30.018	30.019	30.020	30.021	30.022	30.023	30.024	30.025	30.026	30.027	30.028	30.029	30.030
RUBI PRO	30.031	30.032	30.033	30.034	30.035	30.036	30.037	30.038	30.039	30.040	30.041	30.042	30.043	30.044
VIZCAYA	33.039	33.040	33.041	33.042	33.043	33.044	33.045	33.046	33.047	33.048	33.049	33.050	33.051	33.052
TOPACIO	30.045	30.046	30.047	30.048	30.049	30.050	30.051	30.052	30.053	30.054	30.055	30.056	30.057	30.058
CASTELLON	33.053	33.054	33.055	33.056	33.057	33.058	33.059	33.060	33.061	33.062	33.063	33.064	33.065	33.066
ELITE 5	31.024	31.025	31.026	31.027	31.028	31.029	31.030	31.031	31.032	31.033	31.034	31.035	31.036	31.037
ELITE 10	31.038	31.039	31.040	31.041	31.042	31.043	31.044	31.045	31.046	31.047	31.048	31.049	31.050	31.051
ELITE 15	31.052	31.053	31.054	31.055	31.056	31.057	31.058	31.059	31.060	31.061	31.062	31.063	31.064	31.065
ELITE 20	31.066	31.067	31.068	31.069	31.070	31.071	31.072	31.073	31.074	31.075	31.076	31.077	31.078	31.079
AGATA "RGB"	30.059	30.060	30.061	30.062	30.063	30.064	30.065	30.066	30.067	30.068	30.069	30.070	30.071	30.072
ZAFIRO PRO	31.080	31.081	31.082	31.083	31.084	31.085	31.086	31.087	31.088	31.089	31.090	31.091	31.092	31.093
HIERRO	33.067	33.068	33.069	33.070	33.071	33.072	33.073	33.074	33.075	33.076	33.077	33.078	33.079	33.080
AVILA PRO 12V	32.029	32.030	32.031	32.032	32.033	32.034	32.035	32.036	32.037	32.038	32.039	32.040	32.041	32.042
ESMERALDA RGB	30.073	30.074	30.075	30.076	30.077	30.078	30.079	30.080	30.081	30.082	30.083	30.084	30.085	30.086
GOMERA	33.081	33.082	33.083	33.084	33.085	33.086	33.087	33.088	33.089	33.090	33.091	33.092	33.093	33.094
INFINITY 14	34.017	34.018	34.019	34.020	34.021	34.022	34.023	34.024	34.025	34.026	34.027	34.028	34.029	34.030
LANZAROTE	33.095	33.096	33.097	33.098	33.099	33.100	33.101	33.102	33.103	33.104	33.105	33.106	33.107	33.108
GERONA PRO	33.109	33.110	33.111	33.112	33.113	33.114	33.115	33.116	33.117	33.118	33.119	33.120	33.121	33.122
MARBELLA PRO	33.123	33.124	33.125	33.126	33.127	33.128	33.129	33.130	33.131	33.132	33.133	33.134	33.135	33.136
NERJA	33.137	33.138	33.139	33.140	33.141	33.142	33.143	33.144	33.145	33.146	33.147	33.148	33.149	33.150
CANOVELLES PRO	33.151	33.152	33.153	33.154	33.155	33.156	33.157	33.158	33.159	33.160	33.161	33.162	33.163	33.164
BARCELONA	32.043	32.044	32.045	32.046	32.047	32.048	32.049	32.050	32.051	32.052	32.053	32.054	32.055	32.056
GRANADA	33.165	33.166	33.167	33.168	33.169	33.170	33.171	33.172	33.173	33.174	33.175	33.176	33.177	33.178

* See information about flexible led strips.

* ecoled Infinity 14 230V: check profiles where this led strip can be placed.

* Made to measure kits with ecoled RGB led strip Esmeralda, Agata, Gerona and Marbella are offered with 41.049 controller or similar.

* Made to measure kits with ecoled Nerja are offered with 41.066 controller or similar.

* Other accessories: extra elements to be added to the price shown on the table.



Made to measure neons



Flexible silicone profiles suitable for indoor/outdoor use. They offer an IP67 waterproofing and UV protection, making them ideal also for outdoor applications. Each finished module includes endcaps , *fixing clips and an electric cable of 2m.

Module length up to		0.5m	1m	1.5m	2m	2.5m	3m	3.5m	4m	4.5m	5m	+5m
 Micro	With power supply	10.011	10.012	10.013	10.014	10.015	10.016	10.017	10.018	10.019	10.020	-
	Without power supply	10.022	10.023	10.024	10.025	10.026	10.027	10.028	10.029	10.030	10.031	-
 Mini	With power supply	10.033	10.034	10.035	10.036	10.037	10.038	10.039	10.040	10.041	10.042	-
	Without power supply	10.044	10.045	10.046	10.047	10.048	10.049	10.050	10.051	10.052	10.053	-
 Redondo	With power supply	10.077	10.078	10.079	10.080	10.081	10.082	10.083	10.084	10.085	10.086	-
	Without power supply	10.088	10.089	10.090	10.091	10.092	10.093	10.094	10.095	10.096	10.097	-
 Cuadrado	With power supply	10.055	10.056	10.057	10.058	10.059	10.060	10.061	10.062	10.063	10.064	-
	Without power supply	10.066	10.067	10.068	10.069	10.070	10.071	10.072	10.073	10.074	10.075	-
 XL	With power supply	10.099	10.100	10.101	10.102	10.103	10.104	10.105	10.106	10.107	10.108	-
	Without power supply	10.110	10.111	10.112	10.113	10.114	10.115	10.116	10.117	10.118	10.119	10.120
 Redondo XL	With power supply	10.187	10.188	10.189	10.190	10.191	10.192	10.193	10.194	10.195	10.196	-
	Without power supply	10.198	10.199	10.200	10.201	10.202	10.203	10.204	10.205	10.206	10.207	10.208
 Las Vegas	With power supply	10.121	10.122	10.123	10.124	10.125	10.126	10.127	10.128	10.129	10.130	-
	Without power supply	10.132	10.133	10.134	10.135	10.136	10.137	10.138	10.139	10.140	10.141	10.142
 Doble (Double Led)	With power supply	10.165	10.166	10.167	10.168	10.169	10.170	10.171	10.172	10.173	10.174	-
	Without power supply	10.176	10.177	10.178	10.179	10.180	10.181	10.182	10.183	10.184	10.185	10.186
 Las Vegas XL	With power supply	10.143	10.144	10.145	10.146	10.147	10.148	10.149	10.150	10.151	10.152	-
	Without power supply	10.154	10.155	10.156	10.157	10.158	10.159	10.160	10.161	10.162	10.163	10.164

Comments

Neón Micro, Mini, Redondo and Cuadrado:

Cies ecoled with a power of 12W/m, available in cold, neutral or warm white, red, green, blue and pink.

Neón, Doble, Las Vegas and Las Vegas XL:

Elite ecoled 15 with a power of 15W/m, available in cold, neutral and warm white, and also in pink. Alicante ecoled RGB (price does not include sequencer and amplifiers).

Maximum size in one length

Neón Micro, Mini, Redondo and Cuadrado:

With electric feed from one end: maximum 3 metres. With electric feed from two ends: Maximum 5 metres.

Neón, Doble, Las Vegas and Las Vegas XL:

Elite ecoled 15 with a power of 15W/m, electric feed from one end: maximum 5 metres; from two ends: maximum 10 metres.

*The Micro model can be used with or without endcaps, as we can always seal the ends with silicone. This neon is ideal for use in publicity and for creating small letters and texts (we find this more attractive without endcaps).



skyled

Made to measure

Our wide range of made to measure luminaires can be manufactured on an individual basis and in lengths of up to 6 metres without any types of joints.

Our luminaires are designed and manufactured entirely by Luz Negra (made in Spain) and are a perfect match for our **led profile** and our rigid strips from the German company Vossloh-Schwabe.

We offer versions for recessing, surfaces, hanging, cornices and also for using as wall lamps.

Dimmable or non-dimmable, Push or DALI.

Available in white, black, silver or can be personalised. They offer us efficiencies greater than 165 Lm/W and up to 9160 Lm (lineal metre).

We offer different types of covers: standard, microprism with symmetrical optics, asymmetrical, etc.

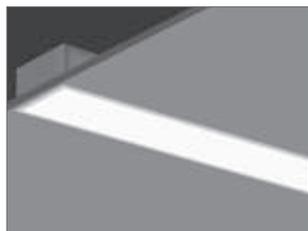
If requested, we also offer relevant luminous calculation studies and corresponding files for our luminaires, to be used with Dia**Lux** and **RE**lux programs.

Emergency kit for luminaires (optional).



Hanging

380



Recessed

382



Corner

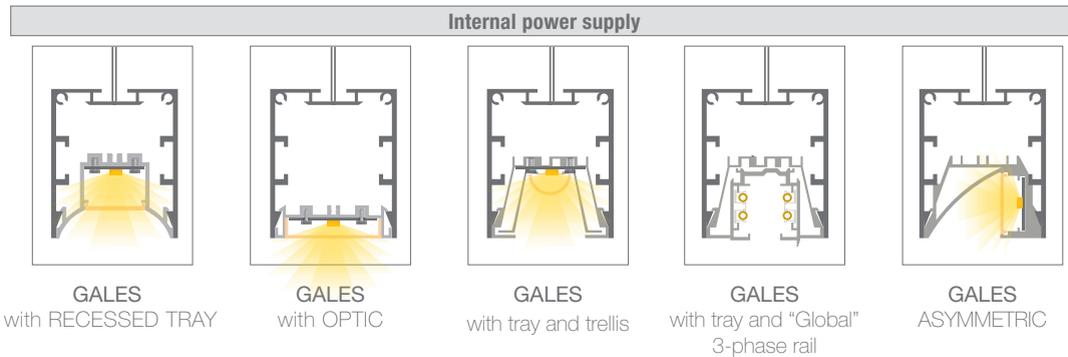
384



Wall lamp

385

Hanging luminaires - Made to measure



Amperage: 700mA - rigid led strip 20mm wide - The lumens reflected in this table correspond to the rigid strips for 4000°K (165 Lm/W - >85CRI).
The profiles can be manufactured in different finishings. Please check options with our commercial department.

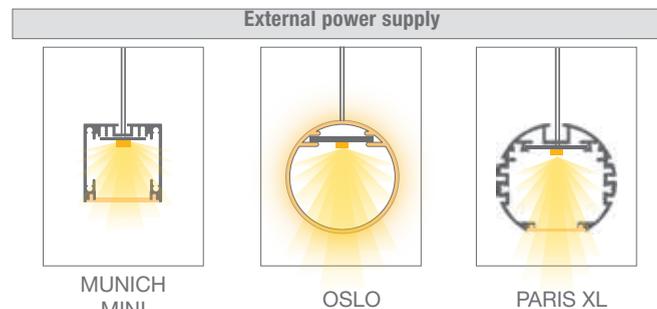
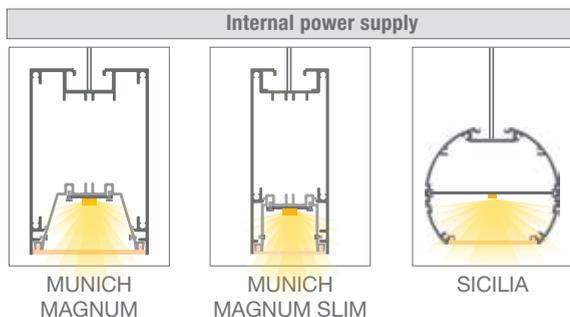
REFERENCES ON-OFF	REFERENCES DALI / PUSH	SIZE	POWER	LUMENS (4000°K)	COLOUR TEMP. (KELVIN)
82.073	82.053	58cm	33W	5545 Lm	3000K-4000K-5000K
82.074	82.054	86cm	50W	8250 Lm	3000K-4000K-5000K
82.075	82.055	114cm	67W	11055 Lm	3000K-4000K-5000K
82.076	82.056	142cm	84W	13860 Lm	3000K-4000K-5000K
82.077	82.057	170cm	101W	16665 Lm	3000K-4000K-5000K
82.078	82.058	198cm	118W	19470 Lm	3000K-4000K-5000K
82.079	82.059	226cm	135W	22275 Lm	3000K-4000K-5000K
82.080	82.060	254cm	152W	25080 Lm	3000K-4000K-5000K
82.081	82.061	282cm	169W	27885 Lm	3000K-4000K-5000K
82.082	82.062	338cm	203W	33495 Lm	3000K-4000K-5000K

The data reflected on this table may suffer slight changes according to manufacturing.

- Luminosity data is based on supplier's data sheets Vossloh-Schwabe for led strips.
- We offer a 5 year guarantee.



Hanging luminaires - Made to measure



Amperage: 700mA - rigid led strip 20mm wide - The lumens reflected in this table correspond to the rigid strips for 4000°K (165 Lm/W).
The profiles can be manufactured in different finishings. Please check options with our commercial department.

REFERENCES ON-OFF	REFERENCES DALI / PUSH	Size	Power	Lumens (4000°K)	Colour temp. (Kelvin)
82.113	82.083	58cm	33W	5545 Lm	3000K-4000K-5000K
82.114	82.084	86cm	50W	8250 Lm	3000K-4000K-5000K
82.115	82.085	114cm	67W	11055 Lm	3000K-4000K-5000K
82.116	82.086	142cm	84W	13860 Lm	3000K-4000K-5000K
82.117	82.087	170cm	101W	16665 Lm	3000K-4000K-5000K
82.118	82.088	198cm	118W	19470 Lm	3000K-4000K-5000K
82.119	82.089	226cm	135W	22275 Lm	3000K-4000K-5000K
82.120	82.090	254cm	152W	25080 Lm	3000K-4000K-5000K
82.121	82.091	282cm	169W	27885 Lm	3000K-4000K-5000K
82.122	82.092	338cm	203W	33495 Lm	3000K-4000K-5000K
82.123	82.093	394cm	237W	39105 Lm	3000K-4000K-5000K
82.124	82.094	450cm	271W	44715 Lm	3000K-4000K-5000K
82.125	82.095	506cm	305W	50325 Lm	3000K-4000K-5000K
82.126	82.096	562cm	339W	55935 Lm	3000K-4000K-5000K
82.127	82.097	590cm	356W	58740 Lm	3000K-4000K-5000K

The data reflected on this table may suffer slight changes according to manufacturing.

* Hanging system included in the price. Our Munich Magnum, Munich Magnum Slim and Sicilia profiles permit Up&Down lighting (please consult increment with the commercial department).

- Luminosity data is based on supplier's Vossloh-Schwabe data sheets for led strips.
- We offer a 5 year guarantee.



- Photometric curves and IES/LDT files can be carried out in our laboratory on request.

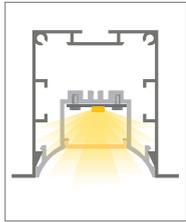


European Patent
Nº.: 13156605.1

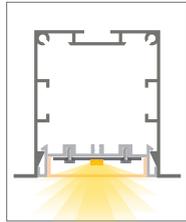


Recessed luminaires - Made to measure

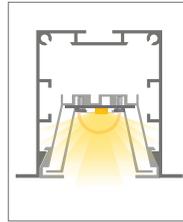
Internal power supply



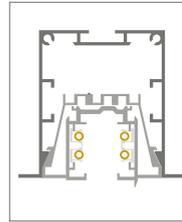
KRAKOVIA
with RECESSED TRAY



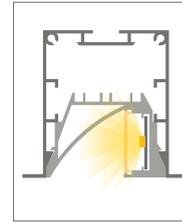
KRAKOVIA
with OPTIC



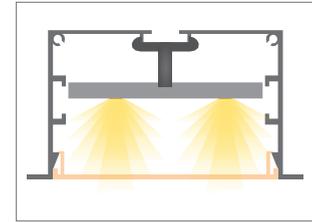
KRAKOVIA
with tray and trellis



KRAKOVIA
with tray and "Global"
3-phase rail



KRAKOVIA
ASYMMETRIC



ANDORRA

Amperage: 700mA - rigid led strip 20mm wide - The lumens reflected in this table correspond to the rigid strips for 4000°K (165 Lm/W).
The profiles can be manufactured in different finishings. Please check options with our commercial department.

REFERENCES ON-OFF	REFERENCES DALI / PUSH	SIZE	POWER	LUMENS (4000°K)	COLOUR TEMP. (KELVIN)
84.040	84.020	58cm	33W	5545 Lm	3000K-4000K-5000K
84.041	84.021	86cm	50W	8250 Lm	3000K-4000K-5000K
84.042	84.022	114cm	67W	11055 Lm	3000K-4000K-5000K
84.043	84.023	142cm	84W	13860 Lm	3000K-4000K-5000K
84.044	84.024	170cm	101W	16665 Lm	3000K-4000K-5000K
84.045	84.025	198cm	118W	19470 Lm	3000K-4000K-5000K
84.046	84.026	226cm	135W	22275 Lm	3000K-4000K-5000K
84.047	84.027	254cm	152W	25080 Lm	3000K-4000K-5000K
84.048	84.028	282cm	169W	27885 Lm	3000K-4000K-5000K
84.049	84.029	338cm	203W	33495 Lm	3000K-4000K-5000K

The information and prices reflected in this table refer to luminaires with only 1 line of led strip. The Andorra model can use two lines of led strip (please check with our commercial department for corresponding prices and data).



Emergency kit for luminaires (optional)

The data reflected on this table may suffer slight changes according to manufacturing.

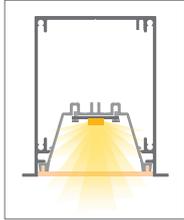
- Our luminaires with optics can only be manufactured with our models KRAKOVIA given measurements can suffer small changes.
- Luminosity data is based on supplier's data sheets for led strips Vossloh-Schwabe.
- We offer a 5 year guarantee.

- Photometric curves and IES/LDT files can be carried out in our laboratory on request.

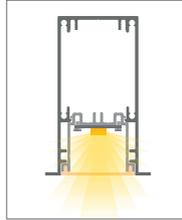


Recessed luminaires - Made to measure

Internal power supply

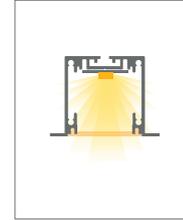


MOSCU
MAGNUM

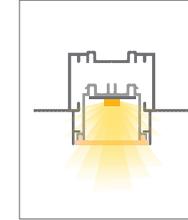


MOSCU
MAGNUM SLIM

External power supply



MOSCU
MINI



MADEIRA

Amperage: 700mA - rigid led strip 20mm wide - The lumens reflected in this table correspond to the rigid strips for 4000°K (165 Lm/W).

The profiles can be manufactured in different finishings. Please check options with our commercial department.

REFERENCES ON-OFF	REFERENCES DALI / PUSH	SIZE	POWER	LUMENS (4000°K)	COLOUR TEMP. (KELVIN)
84.080	84.050	58cm	33W	5545 Lm	3000K-4000K-5000K
84.081	84.051	86cm	50W	8250 Lm	3000K-4000K-5000K
84.082	84.052	114cm	67W	11055 Lm	3000K-4000K-5000K
84.083	84.053	142cm	84W	13860 Lm	3000K-4000K-5000K
84.084	84.054	170cm	101W	16665 Lm	3000K-4000K-5000K
84.085	84.055	198cm	118W	19470 Lm	3000K-4000K-5000K
84.086	84.056	226cm	135W	22275 Lm	3000K-4000K-5000K
84.087	84.057	254cm	152W	25080 Lm	3000K-4000K-5000K
84.088	84.058	282cm	169W	27885 Lm	3000K-4000K-5000K
84.089	84.059	338cm	203W	33495 Lm	3000K-4000K-5000K
84.090	84.060	394cm	237W	39105 Lm	3000K-4000K-5000K
84.091	84.061	450cm	271W	44715 Lm	3000K-4000K-5000K
84.092	84.062	506cm	305W	50325 Lm	3000K-4000K-5000K
84.093	84.063	562cm	339W	55935 Lm	3000K-4000K-5000K
84.094	84.064	590cm	356W	58740 Lm	3000K-4000K-5000K

The data reflected on this table may suffer slight changes according to manufacturing.

- Luminosity data is based on supplier's data sheets for led strips Vossloh-Schwabe.
- We offer a 5 year guarantee.



Emergency kit for luminaires (optional)



European Patent
Nº.: 13156605.1

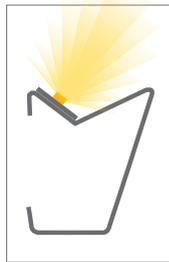


- Photometric curves and IES/LDT files can be carried out in our laboratory on request.

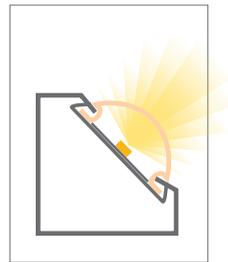


Corner luminaires - Made to measure

Internal power supply

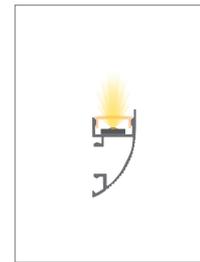


VENEZIA



MONACO

External power supply



GALICIA

● Profiles in lacquered white.

Canovelles led strip 19W for our Venezia profile. Granada led strip for Mónaco and Galicia profile. Data according to Granada ecoled.

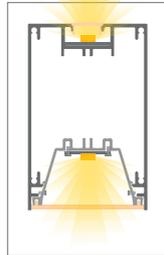
REFERENCES ON-OFF	REFERENCES DALI / PUSH	SIZE	POWER	LUMENS (4000°K)	COLOUR TEMP. (KELVIN)
83.017	83.005	58cm	12.20W	1740 Lm	2700K-4000K-6500K
83.018	83.006	86cm	18.10W	2580 Lm	2700K-4000K-6500K
83.019	83.007	114cm	23.95W	3420 Lm	2700K-4000K-6500K
83.020	83.008	142cm	29.85W	4260 Lm	2700K-4000K-6500K
83.021	83.009	170cm	35.7W	5100 Lm	2700K-4000K-6500K
83.022	83.010	198cm	41.67W	5940 Lm	2700K-4000K-6500K

The data reflected on this table may suffer slight changes according to manufacturing.

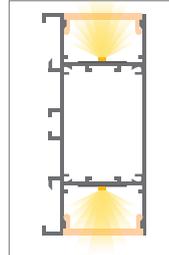


Wall lamp luminaires - Made to measure

Internal power supply

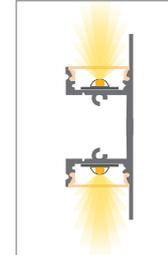


MUNICH
MAGNUM



WASHINGTON

External power supply



KENTUCKY

- Profiles in silver anodised.
Granada led strip 19W.

REFERENCES ON-OFF	REFERENCES DALI / PUSH	SIZE	POWER	LUMENS (4000°K)	COLOUR TEMP. (KELVIN)
83.053	83.023	58cm	12.20W	1740 Lm	2700K-4000K-6500K
83.054	83.024	86cm	18.10W	2580 Lm	2700K-4000K-6500K
83.055	83.025	114cm	23.95W	3420 Lm	2700K-4000K-6500K
83.056	83.026	142cm	29.85W	4260 Lm	2700K-4000K-6500K
83.057	83.027	170cm	35.7W	5100 Lm	2700K-4000K-6500K
83.058	83.028	198cm	41.67W	5940 Lm	2700K-4000K-6500K

The data reflected on this table may suffer slight changes according to manufacturing.



European Patent
Nº.: 13156605.1



- Photometric curves and IES/LDT files can be carried out in our laboratory on request.



Up to:
7000 Lm/m
189 Lm/W

Led + power supply
+ emergency kit



5 year
guarantee

Innovation



Up to 200m
with only one
electric supply

Up to 16A
with only one
electric supply

OPTIONAL

Phase selector
L1 - L2 - L3

Vossloh emergency kit
(it reduces luminosity to 10%)

Suspension support which allows
us to hang the luminaire.
The ceiling support (surface)
is also available.

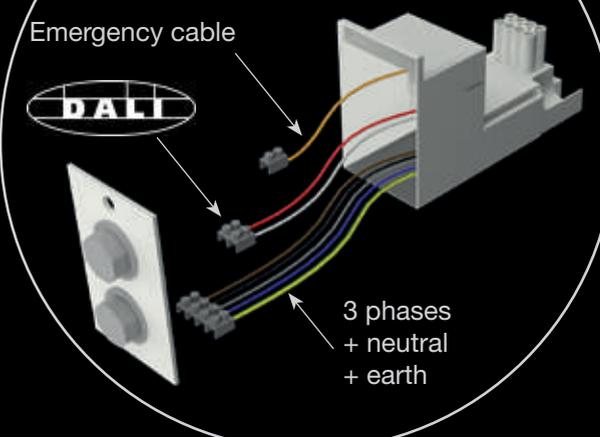


Channelling for 8 cables
throughout the installation

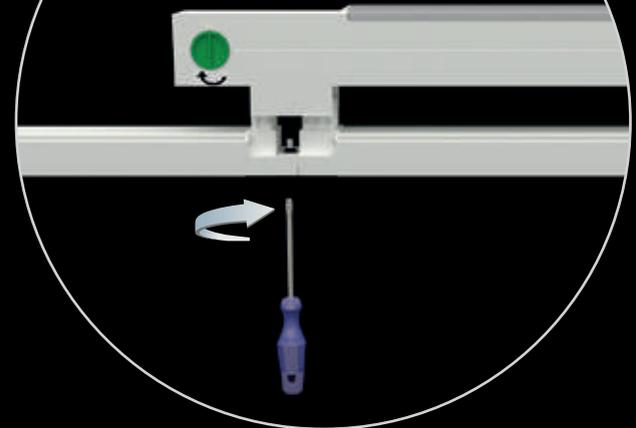
Emergency cable

DALI

3 phases
+ neutral
+ earth



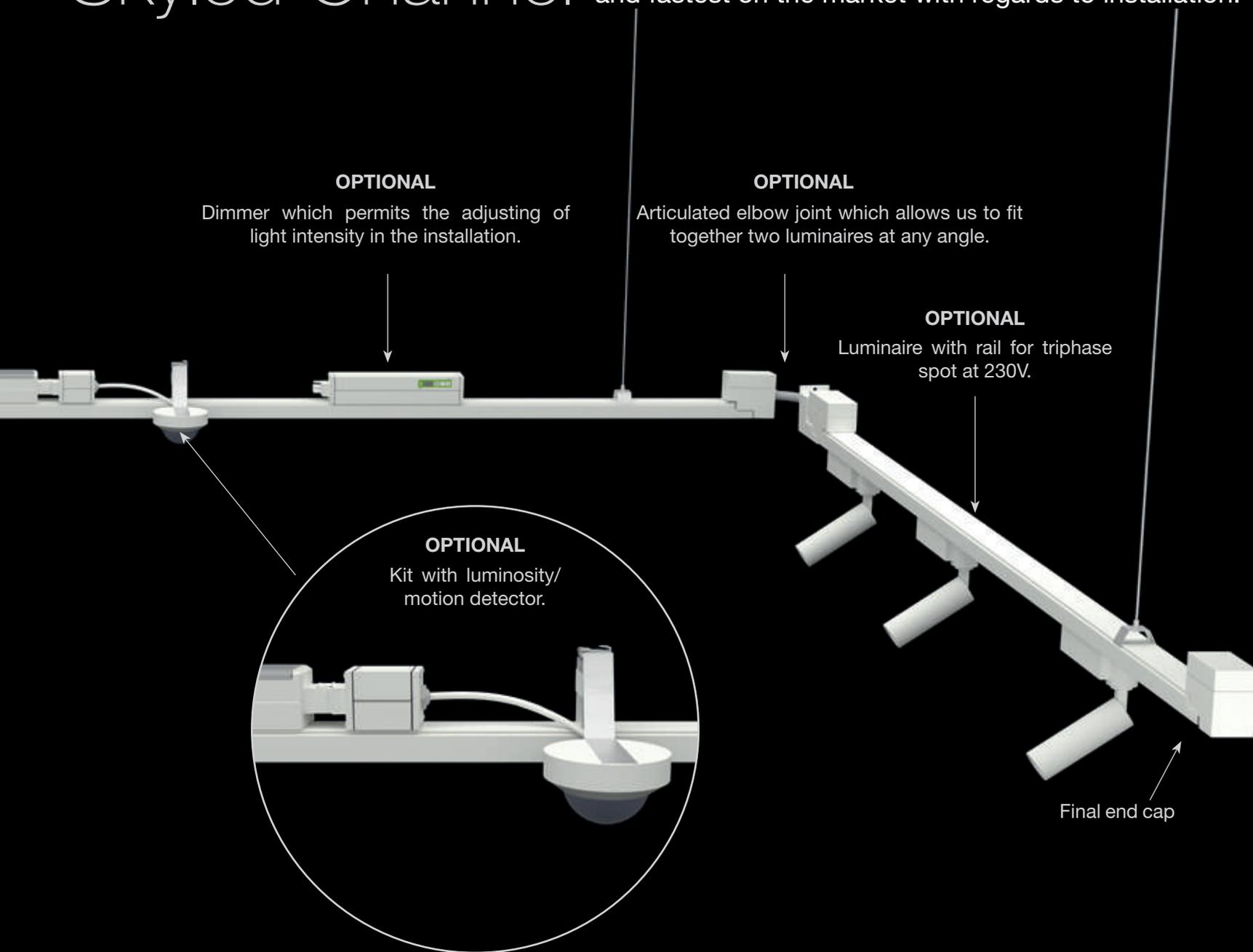
Joining system between
luminaires which includes
Vossloh power supply.



Luminaire lengths: 171cm and 285cm
Standard colours: lacquered white - lacquered black

Skyled Channel

The DALI professional lighting system is the easiest and fastest on the market with regards to installation.



OPTIONAL

Dimmer which permits the adjusting of light intensity in the installation.

OPTIONAL

Articulated elbow joint which allows us to fit together two luminaires at any angle.

OPTIONAL

Luminaire with rail for triphase spot at 230V.

OPTIONAL

Kit with luminosity/motion detector.

Final end cap

Covers available: transparent - frosted - opal - microprism
Optics available: wide - narrow - drop - batwing - asymmetric

Skyled Channel

Our Skyled Channel is a professional DALI system where we can connect up to 200 metres with only one connection. The profile and components are designed and manufactured in Spain, except for the led strips, power supplies and emergency kits which are from the German multinational company, Vossloh. We offer a 5 year guarantee for these products.

Skyled offers up to 7000 lumens per metre with an energetic efficiency of up to 189 lumens per metre. It offers a wide range of accessories so it can be used in any type of installation (hanging, surface, blind sections, rails with spotlights). Making the most of the channels, we can have electric derivations to other elements such as emergency signs, etc.

Fast and simple



Compared to other illumination equipment on the market, our Skyled Channel is most probably the easiest and fastest linear lighting system with regards to installing. This is due to the fact that we only have to turn a screw which joins one luminaire to the next one and at the same time, the same screw fixes the power supply in place, which also acts as a joining piece and reinforces the structure.

The rest of the accessories, such as dimmers, emergency kits, etc. are connected by pushing in with a slight pressure.



*In our web page you will find all references and possible combinations for our Skyled Channel.



The basic elements of our Skyled Channel

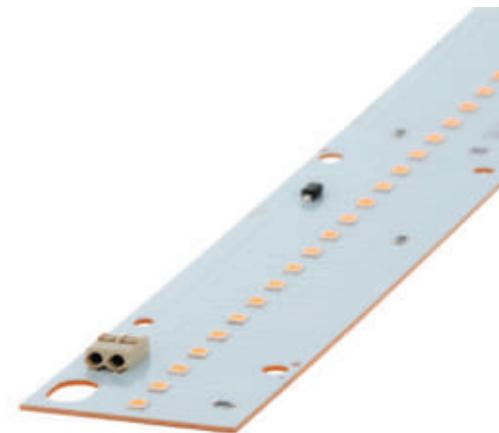
Leds

Our luminaires can be configured with different types of leds, according to the luminosity needs for each project. They are available in colour temperatures: 3000°K-4000°K-5000°K.

Although led technology is becoming more and more advanced, here at Luz Negra we are constantly updating and adapting our products.

Currently the main models are:

- SKL100 with 100 leds per section (2837mm). This is the dimmest version and ideal for corridors and installations with low ceilings, etc. Optics cannot be applied.
Section of 2837mm: 46W - 6600 lumens - 3.37kgs - CRI >85
- SKL150 with 150 leds per section (2837mm). This offers a very efficient level of luminosity and thanks to its optics allows us to illuminate at a very competitive price.
Section of 2837mm: 67W - 10300 lumens - 3.37kgs - CRI >85
Section of 1713mm: 40W - 6180 lumens - 2.07kgs - CRI >85
- SKL120 with 120 leds per section (2837mm). This has a new generation of leds which are very competitive in efficiency and in cost, offering us a multi-valued solution for retail or car parks which have demanding levels of light.
Section of 2837mm: 86W - 12200 lumens - 3.37kgs - CRI >85
Section of 1713mm: 51W - 7300 lumens - 2.07kgs - CRI >85
- SKL200 with 200 leds per section (2837mm). This is a system between SKL120 and SKL300 and especially indicated for retail or car parks where we use blind sections (discontinued light). Optics cannot be used.
Section of 2837mm: 94W - 12000 lumens - 3.37kgs - CRI >85
Section of 1713mm: 57W - 7200 lumens - 2.07kgs - CRI >85
- SKL300 with 300 leds per section (2837mm). This allows very homogeneous lighting and its high quantity of leds is of utmost importance whenever we need a greater control of the glare level. Our wide range of covers and optics means we can adapt the light to different types of atmospheres.
Section of 2837mm: 108W - 16400 lumens - 3.37kgs - CRI >85
Section of 1713mm: 65W - 9900 lumens - 2.07kgs - CRI >85
- SKL150HB with 150 high luminosity leds per section (2837mm). This is the brightest option in our Skyled Channel due to its high efficiency and great benefits and is ideal for installations with high levels of light.
Section of 2837mm: 136W - 19000 lumens - 3.37kgs - CRI >85
Section of 1713mm: 83W - 11500 lumens - 2.07kgs - CRI >85



*In our web page you will find all references and possible combinations for our Skyled Channel.



The basic elements of our Skyled Channel

Luminaires

Our luminaires are available in 2 sizes: 2837mm and 1713mm and are supplied in both black lacquered and white lacquered. Inside there is a channel for 8 cables, 3-phase (this is a 3-phase system) + neutral + earth + emergency + 2 cables for the DALI system. It offers a water-tightness of IP52 when used with normal covers and an IP42 when used with lens covers. The luminaire is manufactured in Spain and the led inside, from the German brand, Vossloh (Panasonic Group). Each luminaire includes an external power supply and 2 brackets for hanging. The luminaire also acts as a cable channel (hence its name "Skyled Channel") so as well as illuminating, it allows each section to carry out an outer derivation of up to 1 ampere for external elements such as light boxes, vending machines, auxiliary light, etc.

The luminaire lets us create blind sections for those installations which don't require continuous light (there is only cable channelling inside, without any led or optic).



Power supplies

The power supplies are found outside the luminaire. This is due to the fact that the lifespan of a led is not the same as that of a power supply and therefore we shouldn't have to open the luminaire in order to replace it. Also, because it is independent, the luminaire holds less heat.

The power supply is connected at one end of the luminaire, acting as a joint between 2 sections and can be easily fixed or removed just by loosening a screw.

The power supply is manufactured by a multinational Germany company, Vossloh (Panasonic Group) and has a metallic plate in the upper part for improved heat dissipation.

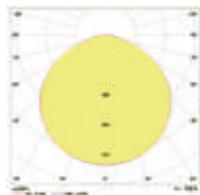


*In our web page you will find all references and possible combinations for our Skyled Channel.

The basic elements of our Skyled Channel

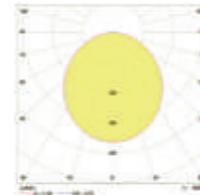
Covers and optics

Our luminaires can be combined with different types of covers (and also optics), according to the requirements of each individual project. We can offer the following models:



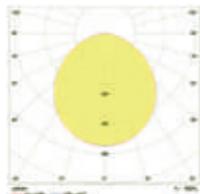
TRANSPARENT

For installations which require the highest levels of luminosity and where dotting is not a problem.



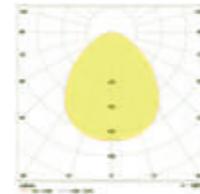
OPAL

This is the best option for installations where a dot free effect is very important.



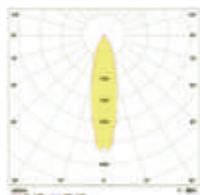
FROSTED

This option falls between transparent and opal and offers a good relation regarding the diffusion of the dot and light transmission.



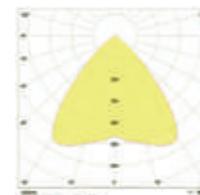
MICRO PRISM

This is the perfect choice when we require a high level of visual comfort and a low UGR.



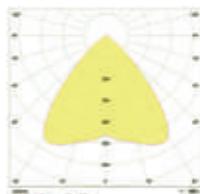
OPTIC 30°

This type of optic is used for greater depth installations due to its closed angle, which allows us to project the light over long distances.



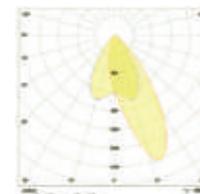
OPTIC 110°

This optic is ideal for installations with small depths, where we require very intense light over small distances.



OPTIC 60°

This optic is the perfect option for installations with medium sized depths.



ASYMMETRIC OPTIC

This type of optic is used where we have to project light only towards one side of the installation.

*In our web page you will find all references and possible combinations for our Skyled Channel.



The basic elements of our Skyled Channel



Our Skyled Channel is compatible with 3-phase rails (for spotlights). It can be supplied in modules with 3-phase rails and can be combined with other types of linear lighting.



Kit for dimming the complete installation



Emergency kit for reducing luminosity to 10% nominal



Anchoring system for hanging luminaires



Anchoring system for surface luminaires



Initial power connection



End connector



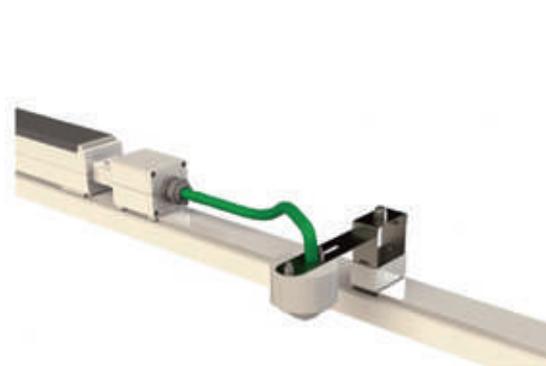
Presence detection kit



Joining kit with adjustable flexible tube

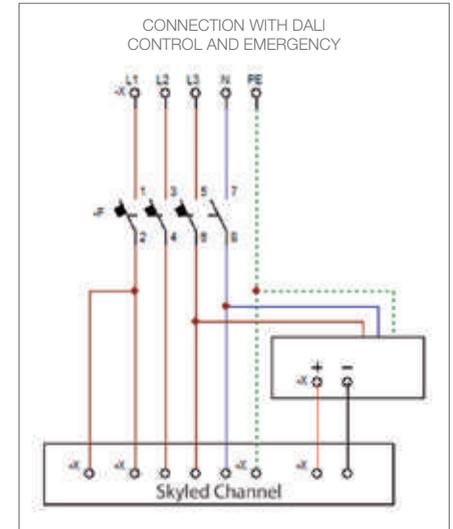
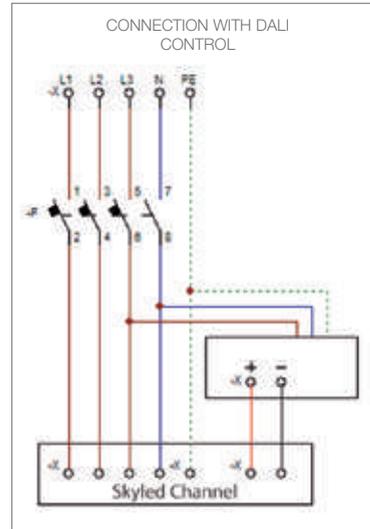
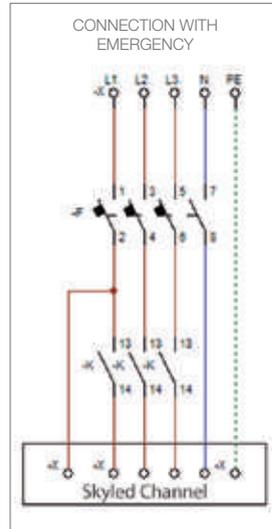
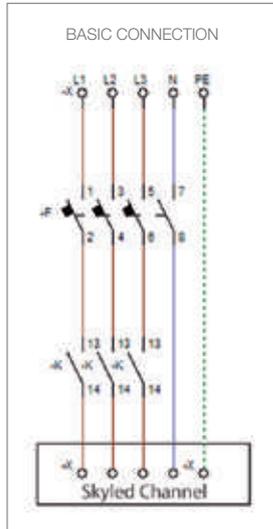


Sample presentation box



*In our web page you will find all references and possible combinations for our Skyled Channel.

Electrical connection schemes



Certifications



CERTIFICATION	STANDARD
IEC-CE marking	UNE-EN 60598-1+A11:2009 UNE-EN 60598-2-1:93
Electromagnetic compatibility	2004/108/CE (EMC) EN 55015:2006+A1:2007+A2:2009 EN 61547:2009 EN 91000-3-2:2006+A1:2009 EN61000-3-3:2009 EN 62493:2010
Photo biological safety	IEC/TR 62778
RoHS	2011/65/EU (RoHS)
Declaration of substances	1907/2006 (REACH)
Emergency lighting in public areas	UNE-EN 60598-1:09+A11:2009 UNE-EN 60598-2-22+A2:08+CORR:14 ITC-BT-28
Energy efficiency index	EEL EN 62612 9.3-9.1-8.1



Linear lighting system with steel tape

A thin strip made of stainless steel, which only 15mm in width, produces an indirect light line. It can be adapted to different situations, stretching it from wall to wall, with different degrees of inclination or from ceiling to floor, according to the needs of each project.

It comes in strips of 10m or 30m and can be cut to desired length (20m lengths can be requested. Please check price with our commercial department)

Led strip not included.

Recommended for use with led strips with a PCB of maximum 12mm.



Bracket (A)



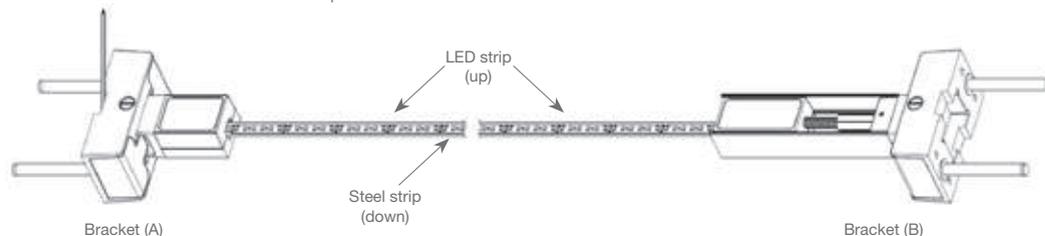
Bracket (B)



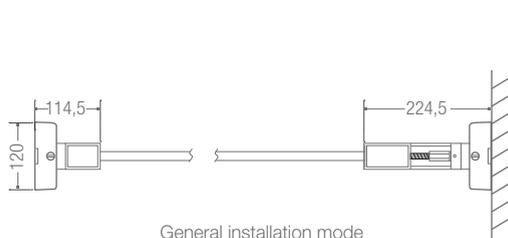
Steel strip



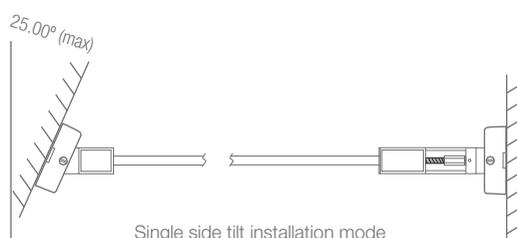
Accessory kit



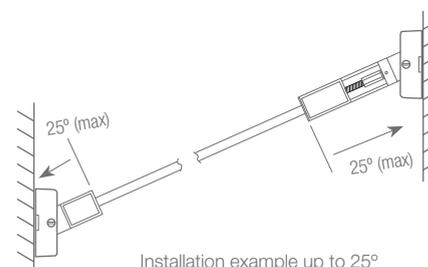
- Ref: 82.130 Soft line white colour (10m)
- Ref: 82.128 Soft line white colour (30m)
- Ref: 82.129 Soft line black colour (30m)



General installation mode



Single side tilt installation mode



Installation example up to 25°





luggage



bluwire

CHARGE ANYWHERE

Saturno

Saturno is a collection of luminaires manufactured in circular. They offer illumination by means of high luminosity rigid strips. Used for hanging purposes, surfaces and wall applications.



Saturno 150

Luminaires with a diameter of 156cm, manufactured in textured lacquered white/black aluminium and illuminated with a led strip in 3000°K - 4000°K - 6000°K. Compared with the models 60-90-120cm, this model is supplied in 4 different parts because of its size. It can be used on surfaces or for hanging applications (using hanging kits).

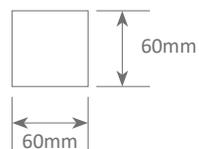
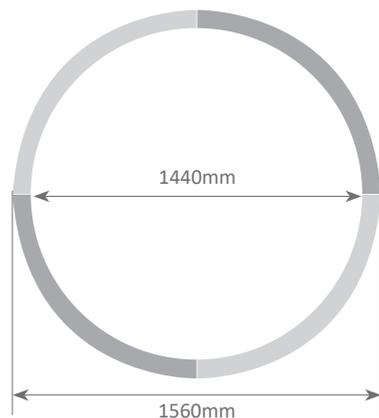
Ref: 80.019	3000°K	laquered white
Ref: 80.020	4000°K	laquered white
Ref: 80.021	6000°K	laquered white
Ref: 80.022	3000°K	laquered black
Ref: 80.023	4000°K	laquered black
Ref: 80.024	6000°K	laquered black

Circular luminaire IP20.

Driver and small rosette included.

Large rosette, ref: 46.015 supplied on request.

Power (W)	80W
Voltage (V)	220V-240V
Lumens (4000°K)	9800 Lm/m
Light emission	120°
Waterproofing	IP20
Size	Ø1560mm
Working temp.	-15°C / +60°C
Apt for	Indoor
Packaging	1 unit
Guarantee	3 years



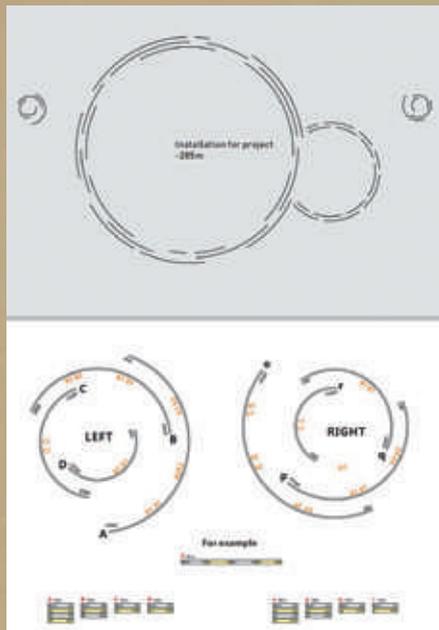
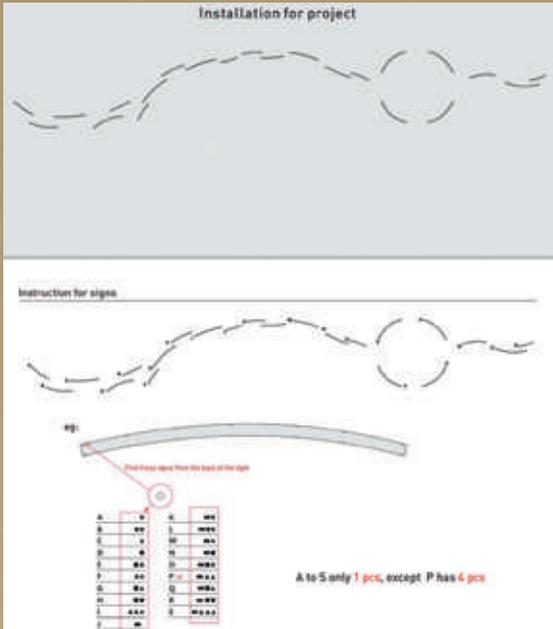
Saturno

Customised projects



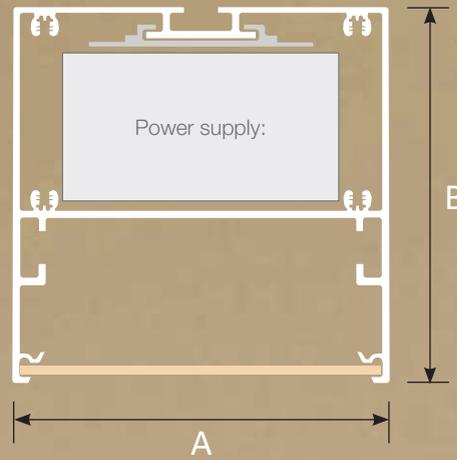


Examples of customised projects



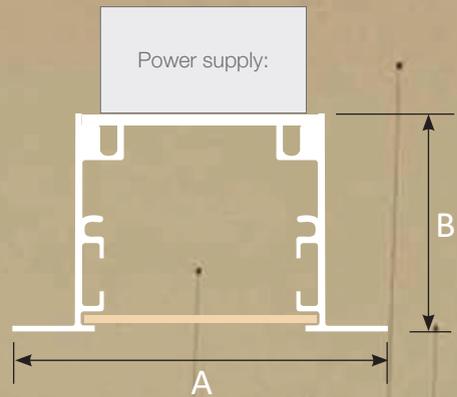
Profile sizes available:

hanging / surface



A B
40x60mm
60x60mm
40x80mm
60x80mm
80x80mm

recessed



A B
60x35mm
70x35mm
80x35mm
100x35mm
120x35mm
150x35mm

Flexible cover available for longer length luminaires

1. Choose your profile colour: white, black, grey or other personalised colours.
2. Choose the profile size from amongst our standard options.
3. Choose the length of the luminaire.
4. Choose the shape of the luminaire.
5. Choose the type of lighting : upper, lower or Up&Down.
6. Choose the colour tone of the led.
7. Choose the type of control: without control, dimmable, Dali, etc.
8. Choose the type of luminaire: surface, hanging or recessed.





Shinka **One**light luminaires

With this new system, we achieve a minimalist and delicate concept where we integrate light in a homogeneous manner in any space. Here at Luz Negra we are now moving on from conventional lighting for ceilings by now offering architects and designers a whole new concept in the freedom of creating illuminated spaces.

In order to make the most of the space, they are made to measure, with depths of 8 to 15cm. We can manufacture them up to a maximum of 2x6 metres. It is suitable for multiple installations, surfaces, ceilings, walls, and hanging applications.

The profiles can be finished in textured lacquered white, textured black and silver anodised.

Its textile front creates a homogeneous distribution of the light which, combined with led lighting, achieves a luminaire which discreetly blends into its surroundings and at the the same time, gives out light in a uniform manner and without any glaring effect.

We have a customised solution for every project. Luminosity data is based on supplier's data sheets for led strips (sideview pro).

REFERENCES	SIZE	SURFACE	POWER	LUMENS (4000°K)	STONE
66.031	50x50x8cm	0.25m ²	52W	5000 Lm	2700°K-4000°K-6000°K
66.032	100x100x8cm	1.00m ²	210W	20000 Lm	2700°K-4000°K-6000°K
66.033	200x100x15cm	2.00m ²	420W	40000 Lm	2700°K-4000°K-6000°K
66.034	200x200x15cm	4.00m ²	840W	80000 Lm	2700°K-4000°K-6000°K
66.035	200x300x15cm	6.00m ²	1260W	120000 Lm	2700°K-4000°K-6000°K
66.036	200x400x15cm	8.00m ²	1680W	160000 Lm	2700°K-4000°K-6000°K
66.037	200x500x15cm	10.00m ²	2100W	200000 Lm	2700°K-4000°K-6000°K
66.038	200x600x15cm	12.00m ²	2500W	240000 Lm	2700°K-4000°K-6000°K





Microsoft

Microsoft Surface

More power to you

InfoSis

Surf

Surface Payment Solutions
for small business

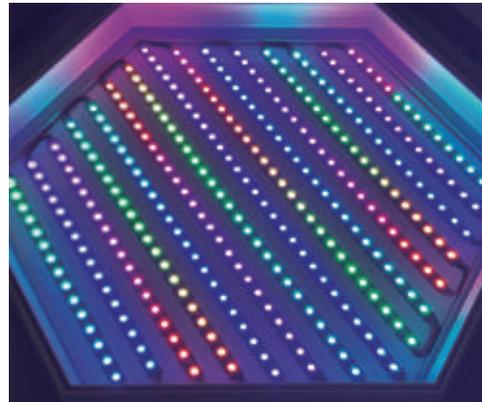
389

YB

2

Shinka with digital led - made to measure

Innovation
■ made
■ in
■ Spain



Custom-made light boxes with frontal textile and RGB digital led inside. Profile of aluminium F110 (depth of 11cm), white/black lacquered or silver anodised. Rear side of black alucobond.

It includes white, translucent frontal side, power supply and controller ref: 41.047 (externally installed), a mapping of the installation and 5 default effects from our standard collection (fire, water, waves, plasma, etc.).

On demand, we can quote special, customised effects and other types of controllers.

REFERENCES	SIZE	POWER	PIXELS
85.017	50x50cm	35W	175
85.018	50x100cm	70W	350
85.019	50x150cm	105W	525
85.020	50x200cm	140W	700
85.021	50x250cm	175W	875
85.022	50x300cm	210W	1.050
85.023	100x50cm	70W	350
85.024	100x100cm	140W	700
85.025	100x150cm	210W	1.050
85.026	100x200cm	280W	1.400
85.027	100x250cm	350W	1.750
85.028	100x300cm	420W	2.100



Courtesy of Protopixel

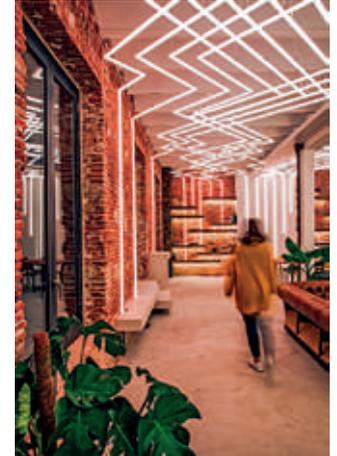
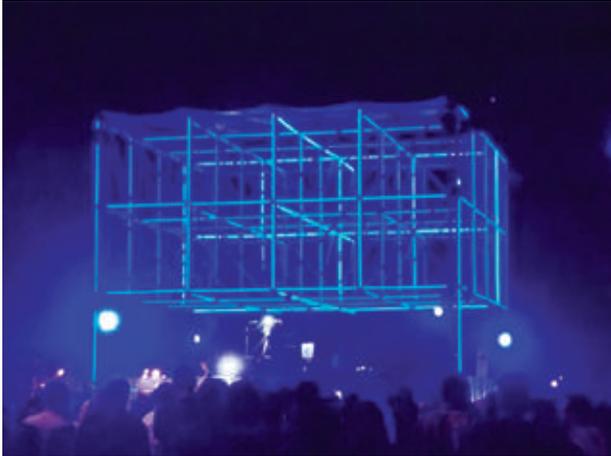


Luz Negra manufactures luminaires, which can also be personalised with textile fronts. We also supply a printing service for the front image along with various programming options for the led lighting effects. Check with the commercial department.



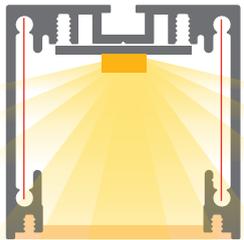
Digital linear luminaires - Made to measure

Innovation
■ made
■ in
■ Spain

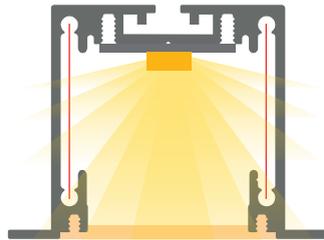


Luminaires manufactured with led profiles, containing our "Hawai" digital led strip inside. Power supply is not included as various luminaires can share the same one.

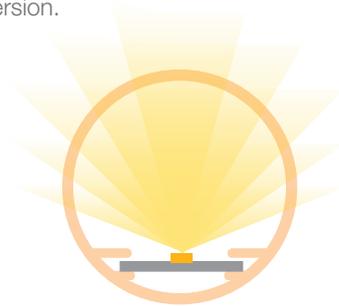
Various programs are available: standard content (many different programs to choose from) or customised programs (please check extra cost).
 Led profiles available with white covers or our Black&White version.



Múnich Mini
See page 192



Moscú Mini
See page 214



Oslo
See page 103



Versalles
See page 54

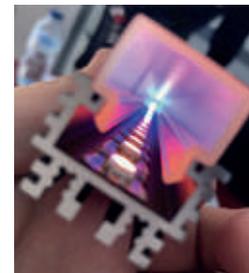


Inferno
See page 56



Roma XL
See page 52

REFERENCES	SIZE	POWER	VOLTAGE	PIXELS
85.005	50cm	7.2W	12V	30
85.006	100cm	14.4W	12V	60
85.007	150cm	21.6W	12V	90
85.008	200cm	28.8W	12V	120
85.009	250cm	36W	12V	150
85.010	300cm	43.2W	12V	180



Sales terms and conditions

THE FORMAL ACCEPTANCE OF AN ORDER IMPLIES THE COMPLIANCE WITH THE FOLLOWING SALES TERMS AND CONDITIONS

GENERAL CONDITIONS

All sales procedures will be carried out under the following conditions.

Any suggested variations not conforming to these conditions shall be approved only after an official and written acceptance on behalf of LUZ NEGRA S.L.

QUOTATIONS

Quotations will be valid for a maximum of 15 days from the date of issue.

GUARANTEE AND QUALITY

All our products are guaranteed (please refer to the data sheet of each product, available in our website www.luznegra.net) against any manufacturing defect.

The guarantee does not cover damages caused by the normal wear and tear of the product or arising from an improper use or maintenance, incorrect installation, or any usage errors for which the customer is accountable. Also, the guarantee does not apply to products which have been handled by personnel not authorized by LUZ NEGRA S.L.

Small deviations amongst single units of the same product or any change carried out in the specific attributes of a product are claims which will not be accepted as grounds for complaint.

Any claim regarding quantity, quality or defective products must be forwarded to LUZ NEGRA within a period of time of up to a maximum of 48 hours after the date of receipt of the goods from the placed order. On the expiry of such term, all claims will not be accepted.

Prior to executing a product's guarantee, the customer must return the defective material to LUZ NEGRA facilities to undergo a lab analysis specifically designed to determine the reason behind the product's poor performance. Additionally, the submission of the invoice as well as the proof of payment are a precondition for initiating any procedure implying guarantee applications.

With the aim of improving the quality of the products provided by LUZ NEGRA, S.L., the company reserves the right to modify or cancel them without prior notice to the customer and therefore no complaints arising from a decision based on this right will be accepted.

DELIVERY TIME

The time scheduled for the delivery of a placed order remains approximate, thus not implying any liability to LUZ NEGRA. All customer claims regarding alleged damages incurred as a result of the delay in the delivery of the goods, will not be accepted, nor will any claim for compensation for contractual infringements be accepted by LUZ NEGRA.

In the event of failing to meet the deadline scheduled, this does not imply an immediate effect on the initial commitment to the commercial agreement, settled by the customer. Moreover, the customer shall remain unauthorized to terminate the contract without notice, and will accord the possibility of a balanced solution, within a reasonable time frame to allow for importing material (60-90 days).

LUZ NEGRA is not subject to give notice of a delay, when the reason underlying the updating of our delivery agenda refers

to circumstances of force majeure, official measures, natural catastrophes, strikes and other disputes and difficulties in obtaining supplies and other unavoidable or unpredictable major events.

PRICES/SHIPMENT COSTS

Unless expressly indicated, all the prices are stated in Euros.

The costs of transport and delivery will be specified separately in the offer (if requested by the client).

The client shall be fully and solely responsible for clearing the products for import and for payment of any applicable local taxes or import duties. The client shall obtain at his own risk and expense any import license or other official authorization and carry out all customs formalities for the importation of the products and, where necessary, for their transit through another country.

Unless stated, otherwise in offer, product prices are:

- Exclusive of VAT.
- Exclusive of import and export duties and any other levies by authorities.
- Exclusive of transport, unloading, insurance, installation and assembly.
- Exclusive of environmental levies or environmental surcharges that are or have been imposed by the authorities.

ORDERS

The formal acceptance of all orders is an indispensable precondition before commencement of all production procedures, and shall be carried out accordingly by submitting the customer's conformity via written statement. All customized orders must be revised duly by the customer, as this type of material cannot be returned by the customer in the event of calculation errors. Should an order enclosing customized items be prepared without a due and written statement of conformity, no complaints about discrepancies between the goods delivered and those requested will be accepted. The production procedures of a placed order will always be started off after and subsequent receipt of proof of payment (in case of bank transfer).

ORDER CANCELLATIONS AND RETURNS

The time limits for returning an order are laid down as 15 days from receiving the order after which no returns will be accepted.

All procedures concerning a return order must be previously authorized by LUZ NEGRA and shall also require the goods to be accompanied by the corresponding return merchandise authorization (RMA).

LUZ NEGRA will not accept a return order in the event of non-compliance of any of the above mentioned requirements.

In the event of any return delivery, both of the following elements involved in the process, namely the shipment costs resulting from a return order along with all the contractual liabilities concerning the collection of the goods, are always dependable and therefore defined on the basis of those particular circumstances uniquely referring to the concerned delivery. Moreover, the natural dependency of the process itself on the particular circumstances under which each return delivery takes place, becomes, eventually, a hindrance to any settling of LUZ NEGRA'S return delivery conditions.

For this reason, each return order will be treated individually.

No customized products or "special request" goods, petitioned by the customer and not normally in our stock, will be reimbursed and LUZ NEGRA will not be liable.

RIGHT OF OWNERSHIP

The supplied goods will remain full property of LUZ NEGRA until payment has been made.

The right of ownership still remains valid until the client has paid his debt, even if he has made a sale to a third party.

SHIPMENT

On receiving the order, the customer must revise the products and must document on the transport agency's delivery note any anomaly that is observed or any other issue that may have taken place during transport.

The customer must notify us in writing of any incident immediately after receiving the goods. After 24 hours from delivery, no claims regarding poor conditions of the goods will be accepted.

If no special instructions regarding transport have been additionally indicated by the customer, the shipment will be carried out under INCOTERMS: Ex-Works.

PAYMENT

The payment terms shall be the ones agreed by both parties and duly set forth in all purchase orders.

LUZ NEGRA S.L. reserves the right to charge and claim all default bank interests in the case of overdue payments or compensation for any inconveniences incurred as a result of any non-payment on the due date.

Overdue payments bring about an immediate termination of all prior agreements, which include all duties and all liabilities on our part with respect to the customer.

The customer will always commit to his contractual liabilities, where no claims which were previously submitted but not accepted, shall exempt the customer from completely settling the purchase price of the total amount of any order.

In the event of any outstanding or overdue payment, all credit agreements will be cancelled, while at the same time, all ongoing proceedings to supply any goods will also be interrupted and shall remain as such until a full payment is received, thus enabling the situation to become regularized. Also, in the case of a repeated infringement, the previously agreed payment method will be irrevocably cancelled.

JURISDICTION

In case of dispute, conditions shall be submitted to the Courts of the city of Granollers municipality located in the province of Barcelona (Spain), with express waiver by the parties of their jurisdiction.

COURT COSTS AND JUDICIAL EXPENSES

All the attorney's fees, court costs and other expenses of litigation resulting from the judicial proceedings, shall be assumed by the party who is held accountable for non-compliance of the contractual terms and conditions.

SUPPLEMENTARY RIGHT

All agreements shall be construed and governed by the aforementioned terms and conditions or, failing these, they shall follow the laws covered the Spanish Commercial Code and laid down for the Spanish market.

#shinka

SHOWROOM

custom made

#ledprofile



SIGN OR LUMINAIRE??



#skyled



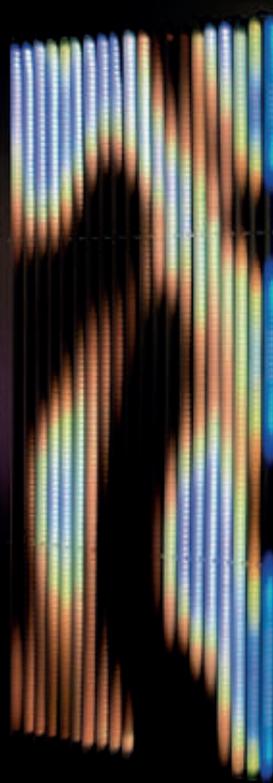
TAP OFF UNIT

LUKA LINE BY VOSSLOH-SCHWABE

THREE DIFFERENT OPTICAL DIFFUSORS

NARROW PHOTOMETRY
WIDE PHOTOMETRY
DECORATIVE OPAL

#digitalled



LUZ NEGRA

3D Tech

LUZ NEGRA

OUR TIMELINE

- 1987 Ricardo Téllez is the founder of Exinval, the first company in the group.
- 1988 We attend the first exhibition for signage products, introducing our own brand name **SIGN**.
- 1989 In Spain we design our first signage profiles.
- 1992 Luz Negra is founded in Barcelona, making it the second company in the group.
- 1999 In Paris we receive the International Prize for Quality.
- 2002 We attend the first international exhibition in Paris, followed by Frankfurt and Milán.
- 2003 Luz Negra Centro is founded in Madrid.
- 2006 We create our led lighting division under our own brand name **ECOLED**.
- 2008 We create the brand **LED PROFILE** for linear lighting with led strips.
- 2009 We create our Waterproof DUO system with IP67 for led strips.
- 2010 We design our exclusive “easy-ON” system, which holds a European patent and is certified by Applus, granting us IP65 protection for our led profiles.
- 2012 For the first time we attend the Light & Building Exhibition in Frankfurt.
- 2014 Luz Negra France is founded in Paris.
- 2017 In Luz Negra Barcelona we set up a laboratory for lighting calculations and CQ.
- 2018 We create a range of luminaires with our own brand name, **SKYLED**, offered in standard sizes.
- 2019 Luz Negra forms part of the Lighting Cluster CICAT and the Professional Association of Lighting Designers APDI.
- In 2019 we open our new digital lighting department, creating our **DIGITALLED** brand.
- 2020 We launch our new luminaire factory (free of static electricity).
- At Luz Negra we incorporate new equipment in our laboratory for improved quality control, such as a salt spray chamber, a waterproof testing chamber, a resistance machine and torsion testing apparatus.
- 2021 The future seems like a wonderful challenge. Do you dare to join us to discover what it has in store?



Sign (Madrid 1992)



Viscom (Paris 2002)



Light+Building (Frankfurt 2014)



Construmat (Barcelona 2019)



Euroshop (Düsseldorf 2020)