



I N D O O R
LED GUIDE 2017

V2

SWITCH MADE IN THE WORLD

- Offices
- Exclusive partners and Distributors



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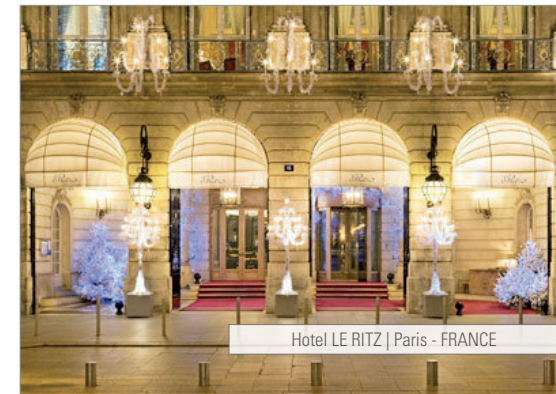
Rue du Tir-au-canon 4
Case postale 2146
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LED GUIDE 2017 v2

www.switch-made.com

SUCCESS

SWITCH MADE **SUCCESS STORIES**



SUCCESS

SWITCH MADE **SUCCESS STORIES**



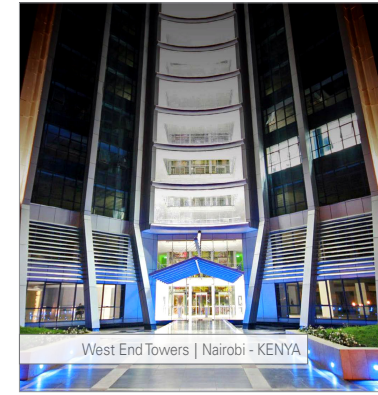
Sheraton Hotel | Dubai - UAE



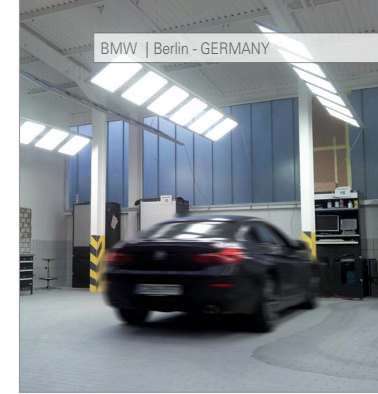
Swiss International Scientific School | Dubai - UAE



Cube Orange | Lyon - FRANCE



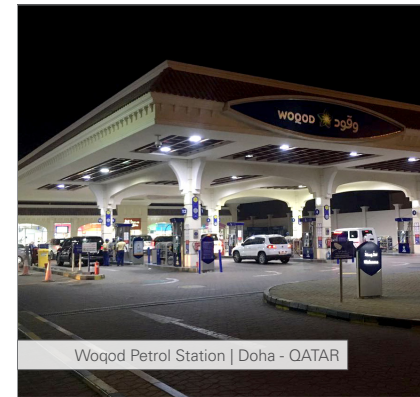
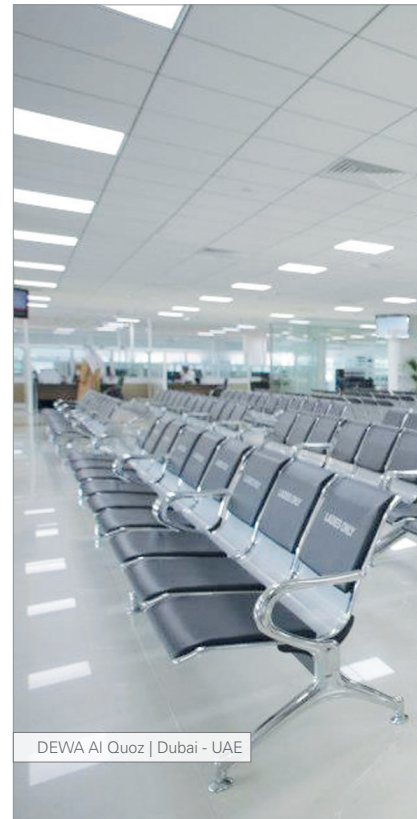
West End Towers | Nairobi - KENYA



BMW | Berlin - GERMANY

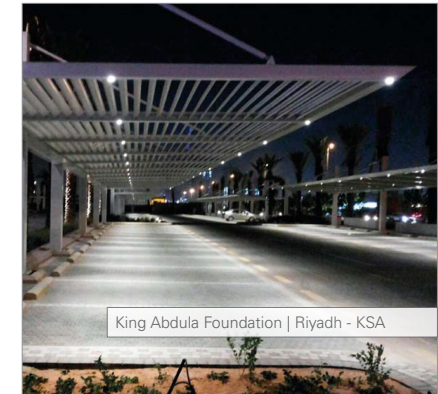
SUCCESS

SWITCH MADE **SUCCESS STORIES**



SUCCESS

SWITCH MADE **SUCCESS STORIES**



SWITCH MADE

SWITCH MADE®, fast growing company born in Lyon, France, has managed to impose itself as one of the major European actors on the lighting market thanks to its numerous added services (R&D team, Lighting designers, Project managers...) added to a global and wide offer of LED solutions. Its strong partnerships all over the world, reflect of its know-how, confirm its target of covering a large number of countries and maintaining its position among the biggest leaders of the lighting market.



2008

SET-UP

SWITCH MADE Belgium
SWITCH MADE Switzerland

2010

SET-UP

SWITCH MADE Middle East

2012

MIDDLE EAST FAST GROWING MARKET

SWITCH MADE MIDDLE EAST focuses on segments with strong potential (commercial, education, hospitality...)
SWITCH MADE MIDDLE EAST implements a successful strategy

2007

SET-UP

SWITCH MADE International
SWITCH MADE France

2009

SET-UP

SWITCH MADE Italia
SWITCH MADE Iberica & Morocco

2011

SET-UP

SWITCH MADE Germany
SWITCH MADE Netherlands
Acquisition of CALIGO (Urban Lighting)

SERVICE, A SWITCH MADE® KEY CONCEPT

Today, the criteria of energy savings, performance, security and visual comfort are in the center of the various market participants' requirements. From the client and sometimes end user, the contractor (MEP), to the architects, designers and consultant, each of these actors expect to find solutions adapted to their needs and meeting today's economic, environmental and social stakes.

It is for the above reasons that **SWITCH MADE®** strongly developed its activity around 3 key pillars,

- > Proposing 100% LED innovative products into a wide range of solutions
- > Offering a very competitive price positioning
- > Being reactive and flexible (airfreight & sea freight, customization...)

Besides, and in order to bring satisfaction to our demanding customer, we prepose:

- > A local presence
- > Experienced and dedicated team (lighting designers, R&D, logistics, sales & technical team)
- > Solutions adapted to specific environments. Flexibility of customization and adaptation.
- > Quality products, meeting the latest European norms, all tested through a strict quality control process.

Availability, proximity and quality of our services are a priority for **SWITCH MADE®** team and it is part of the company identity. That is how our team advice our customers and partners all along the duration of their projects.



2014

RECORD YEAR FOR EXPORT

SWITCH MADE doubles its turnover abroad and & sales strategic alliances in Middle East

2016

SET-UP

SWITCH MADE Qatar

2013

A FAST GROWING DUBAI OFFICE

SWITCH MADE MIDDLE EAST builds its specification department & intensifies the number of project completions
SWITCH MADE MIDDLE EAST improves its logistic process

2015

FOCUS ON MIDDLE EAST

First Middle East catalogue edition perfectly adapted to the market needs. Customized products for special request of Middle East. Working on setting up new offices in GCC.



LOGISTIC, CHALLENGING PART OF OUR SUCCESS

SWITCH MADE® focuses mainly on projects. The whole sales or retail represents less market shares, as, most of the time, it requires less expertise, and lower quality expectation, which is not our philosophy. Also nowadays, a majority of projects requires quick deliveries.

To meet our client's expectation, we decided to enable partial delivery, allowing ourselves, to alternate between sea freight and air freight, to make sure to be on time, which is our first priority, and to supply the project sites on continue.

Besides, our Project Managers will always be available for you to define your priorities, and therefore, decide which products to prioritize on production and/or to ship first.



R & D, FOR A CONSTANT INNOVATION

The R & D department is working to offer specific solutions, matching to your lighting project. Adapting solution to the environment or designing innovative solutions are among the missions of this multidisciplinary team that relies on 2D and 3D design software, and a prototype workshop to bring you complete satisfaction on solutions matching to your ideas and your needs.



LIGHTING DESIGNS, A NECESSARY "ART"

To help you in taking the right decisions, our team of lighting designers accompany you all along your project by providing advice and innovative lighting solutions.

From the basic lux calculation, lighting design, 3D rendering, to the payback calculation (economic savings), you will have all information in hand to decide efficiently and for the best!

From your requirements, we will bring our full expertise.

SALES TEAM, PROJECT MANAGEMENT AND ENGINEERING

Our sales team is at your disposal to provide the best advice and support for your projects. A "Project Manager" will be dedicated to your project each and every time, to daily follow up, from the design, the order, the delivery to the aftersales period of 3 to 5 years. It is made up of women and men with a strong technical experience and a real knowledge of our industry.

Working closely with the technical service, they will be glad to answer your questions and to offer you their expertise .





OUR COMMITMENTS

SWITCH MADE® commits itself on:

- > High quality LED chips and drivers
- > An integral respect of normative conformity with the CE label (European)
- > The availability of our entire catalogue assortment in a short delivery of time
- > A 3 - 5 years' warranty for all our solutions (inclusive of driver)
- > GREEN BUILDING Label (with 1 LEED Platinum, 1 LEED Gold & Minergie-Eco labelled projects completed in the last 4 years)
- > An excellent Price/Value ratio



By proposing 100% LED Solutions for your projects, SWITCH MADE® is a real partner for the natural environment protection.

By being partner with Recylum, Switch Made respects the environment!



QUALITY, OUR STANDARDS

In order to provide you with highly qualitative lighting solutions and meet your expectations, our quality department is being over active at each step of the product life cycle. We are going thru third party laboratories when necessary, and we are conform to SGS, SASO, Intertek, and other certificates. All our solutions are delivered in accordance with the procedures established by SWITCH MADE®.

Spectrometer (ROHS test), IK measure (mechanical impact resistance test), IP measure: (ingress protection test),

Chroma meter: (color temperature and lighting level), Oscilloscope (electronic test), Multimeter (electronic test), nothing is left randomly.



LEDs, ENVIRONMENT & ECONOMY

Immediate ignition | Resistance to vibrations | Low maintenance costs, no Relamping | Less energy consumption for higher energy efficiency | Higher energy efficiency than traditional solutions | No mercury, no infrared and no ultraviolet emission | Important life time | Return on investment | Useful lighting (no light pollution) | Easy to integrate | Lighting control



OUR WEB SITE, A COMPLEMENTARY TOOL

In a process of continuous improvement, Switch Made catalogue has less technical info, so this provide a better reading and visibility of the strict necessary.

In parallel, Switch Made website was upgraded and is user friendly . You will find the soft copy of our catalogue, all technical datasheets per products, the entire IES files, Conformity Certificates, our main project references, the useful info about the company as well as all the news.

Catalogue is now linked to website and vice versa, which is the most convenient for our specifiers and clients.

INDOOR

SWITCH MADE provides a complete range of LED lighting solutions recessed, wall or ceiling mounted....

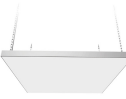
CONCEPT

CONCEPT
Pages 15 to 81


LINE
Pages 17 to 59



LED FRAME
Pages 60 to 75



STANDY & VICE VERSA
Pages 76 to 81




INDOOR

INDOOR
Pages 82 to 135


PALAOs
Pages 85 to 92




WALL & CEILING RECESSED
Pages 93 to 111



WALL & CEILING MOUNTED
Pages 112 to 123



TRACK LIGHTS
Pages 124 to 131



TRUNK SYSTEM
Pages 132 to 135



To explore our **OUTDOOR** and **TRIPROOF** range, flip the catalog over...



CONCEPT
CONCEPT



CONCEPT

SWITCH MADE reinvents and designs the future of LED lighting solutions offering unique, innovative and stylish concepts. SWITCH MADE concepts highlight comfort and welfare notions, placing people in the center of any project's process.

THE SWITCH MADE CONCEPT

Pages 15 to 81

LINE

Pages 17 to 59



LED FRAME

Pages 60 to 75

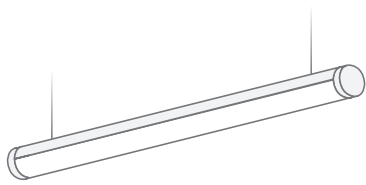


STANDY & VICE VERSA

Pages 76 to 81

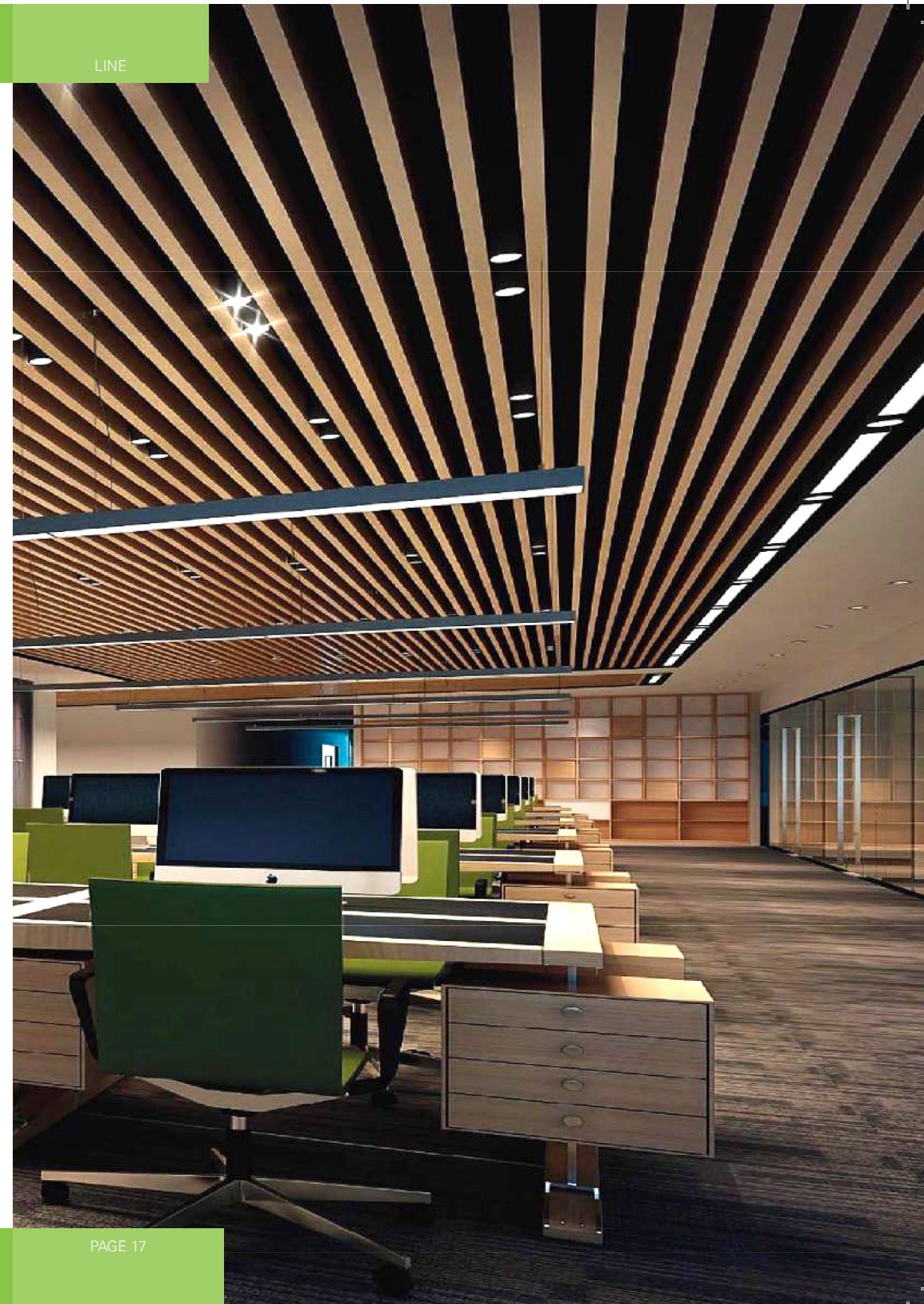


CONCEPT LINE



An attractive and innovative concept of multifunctional profiles.

For LED strips, drivers & accessories see p.44 - 59



PROFILE

Three families



Driver Integrated

External Driver

Recessed

Exterior color



Silver



White



Black

Installation



Length

1200
mm

1800
mm

2500
mm

LED

Light source



FR



PCB

CCT

2700
K

3000
K

4000
K

6000
K

DRIVER

Power

25
W


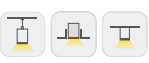







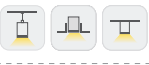







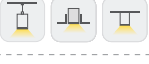




























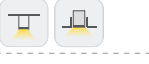










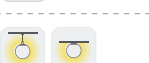






65
W

100
W



























CONCEPT
OUR LINE RANGE
IN ONE LOOK



CONCEPT LINE

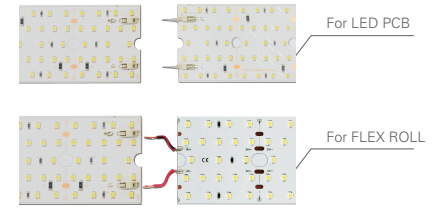
	CODE	PAGE NO.	IMAGE	DIMENSION	INSTALLATION	FLEX ROLL	LED PCB	180	L90	L90N	L90W	T90	X90
DRIVER INTEGRATED	S3360	p.24		33 x 60 x 2500 mm		FR8280-15	PCB8280-17						
	S4067	p.25		40 x 67 x 2500 mm		FR8280-20	PCB8280-23						
	S5470	p.26		54 x 70 x 2500 mm		FR8280-34	PCB8280-36						
	S7977	p.27		79 x 77 x 2500 mm		FR8420-59	PCB8420-62						
	S10570	p.28		105 x 70 x 2500 mm		FR8560-85	PCB8560-88						
	C12843	p.29		128 x 43 x 2500 mm		FR8280-20	PCB8280-23						
EXTERNAL DRIVER	S0709	p.31		7 x 9 x 2500 mm		FR3120	--	--	--	--	--	--	--
	E2613	p.32		26 x 13 x 2500 mm		FR898	--	--	--	--	--	--	--
	S1911K	p.33		19 x 20 x 2500 mm		FR8196	--		--	--	--	--	--
	S3535	p.34		35 x 35 x 2500 mm		FR8252	--	--	--	--	--	--	--
	G1515C	p.35		15 x 15 x 2500 mm		FR898	--	--	--	--	--	--	--
	G3030C	p.36		30 x 30 x 2500 mm		FR8196	--	--	--	--	--	--	--
	T60	p.37		60 x 60 x 2500 mm		FR8252	--		--	--	--	--	--
	T120	p.38		120 x 120 x 2500 mm		FR8350	--		--	--	--	--	--

CONCEPT LINE

	CODE	PAGE NO.	IMAGE	DIMENSION	INSTALLATION	FLEX ROLL	LED PCB	180	L90	L90N	L90W	T90	X90
RECESSED	E2613	p.40		26 x 13 x 2500 mm		FR898	—	—	—	—	—	—	—
	E5535	p.41		55 x 35 x 2500 mm		FR8280-20	PCB8280-23						
	E6935	p.42		69 x 35 x 2500 mm		FR8280-34	PCB8280-36						
	E9435	p.43		94 x 35 x 2500 mm		FR8420-52	PCB8420-55						



INNOVATION FOR EASY INSTALLATION



LED PCB interconnection

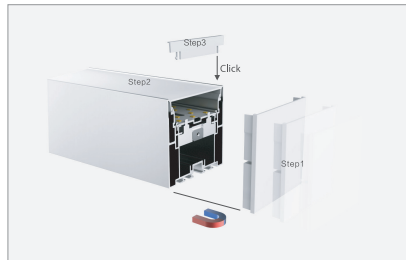
Pendant



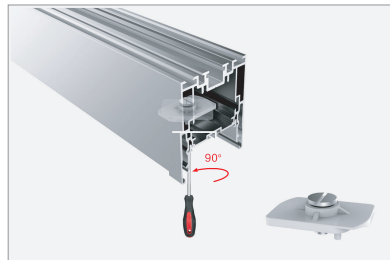
Surface mounted/Wall mounted



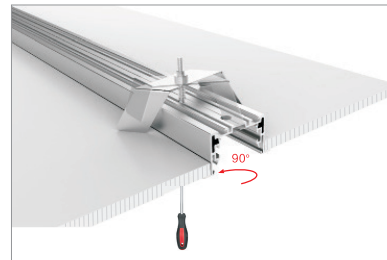
Recessed



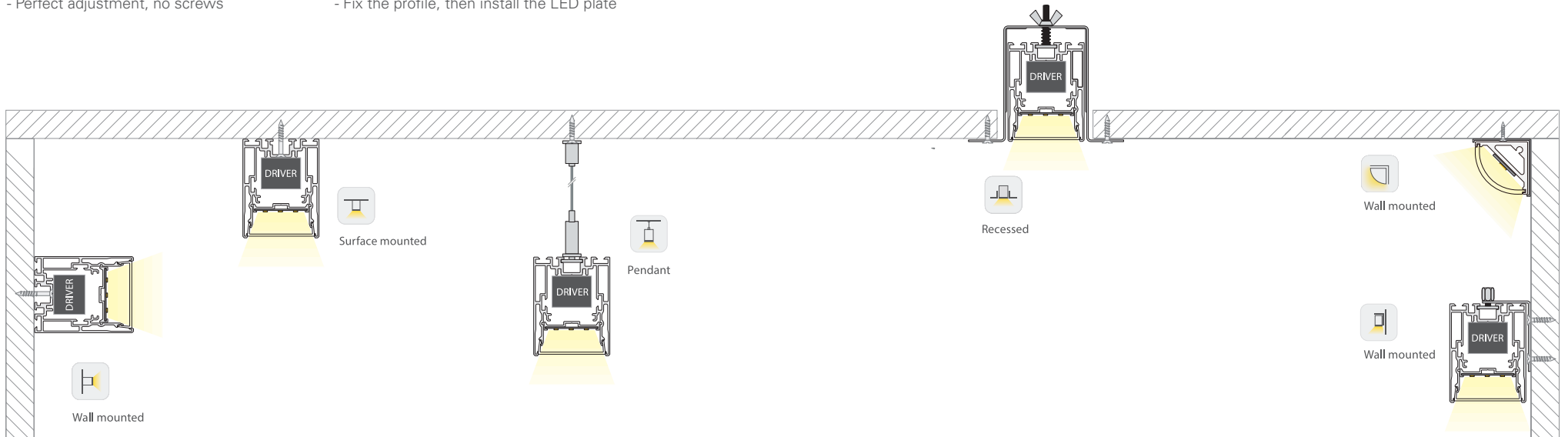
A. Magnetic end caps
- Perfect adjustment, no screws



B. Buckle to fix LED plate
- Fix the profile, then install the LED plate

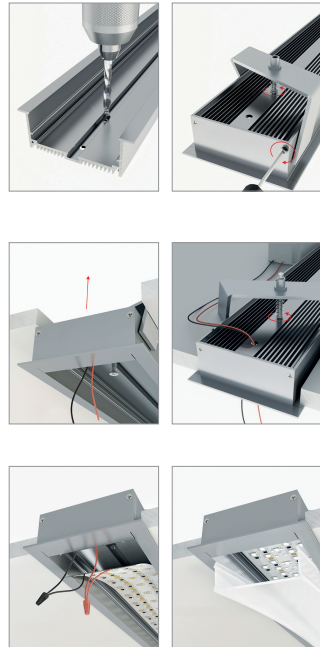


C. Easy to recess

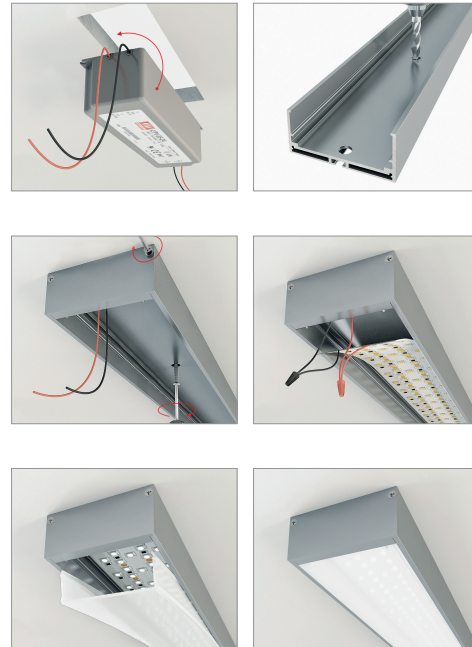


GENERAL LINE INSTALLATION

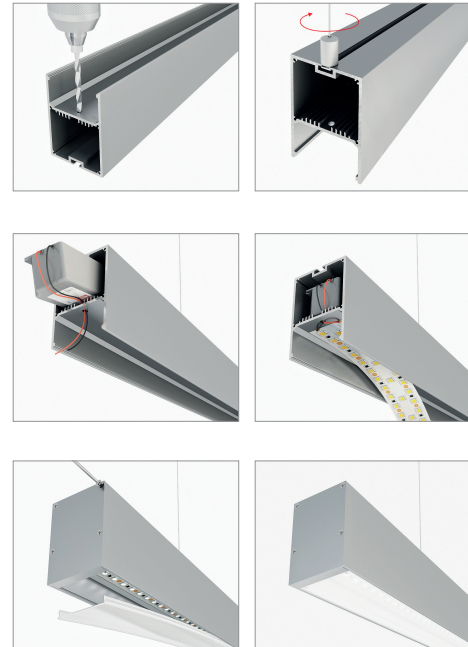
RECESSED



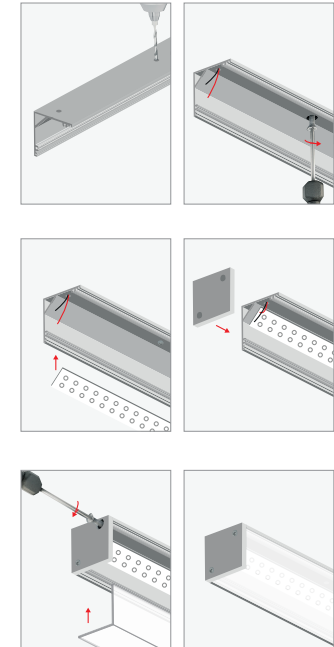
CEILING MOUNTED



SUSPENDED



WALL MOUNTED

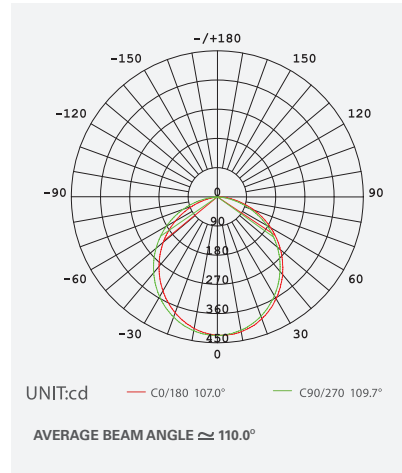
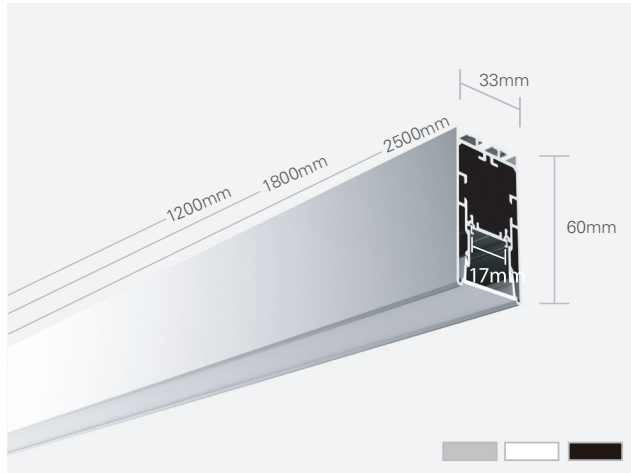


CONCEPT LINE

DRIVER INTEGRATED



LINE S3360



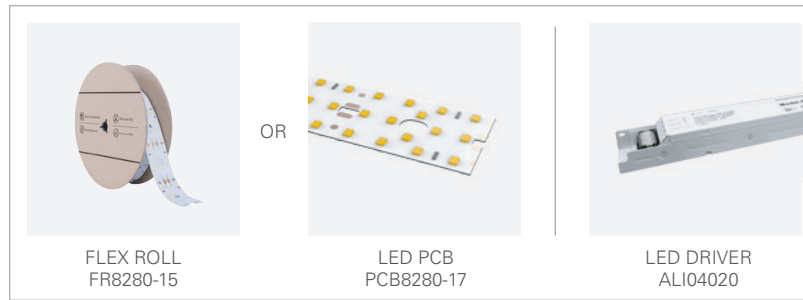
Flux out: 819.9lm

Height	Eavg,Emax	Angle:107.03deg	Diameter
1m	137.8,427.9lx		270.43cm
2m	34.44,107.0lx		540.87cm
3m	15.31,47.54lx		811.30cm
5m	5.510,17.11lx		1352.17cm
7m	2.811,8.732lx		1893.04cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

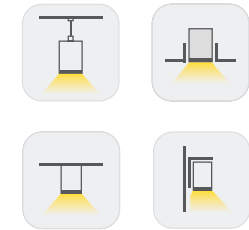
Accessories Included



20W/m, 2550lm, 24Vdc, IP33, CRI>80/90

2700 K 3000 K 4000 K 6000 K

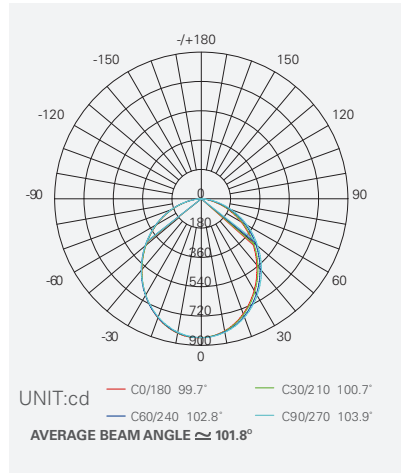
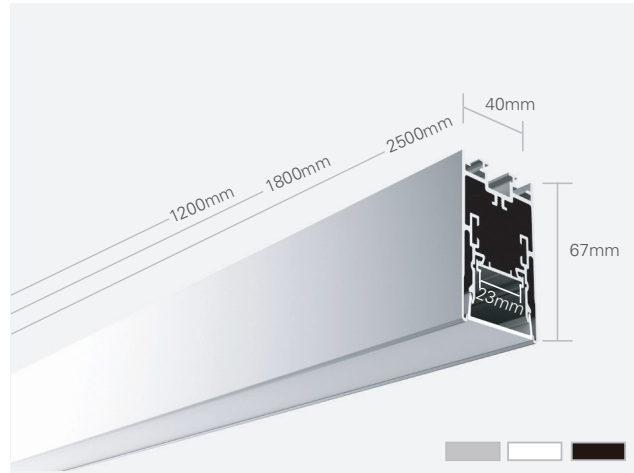
Installation guide, see p. 21 - 22



Optional



LINE S4067



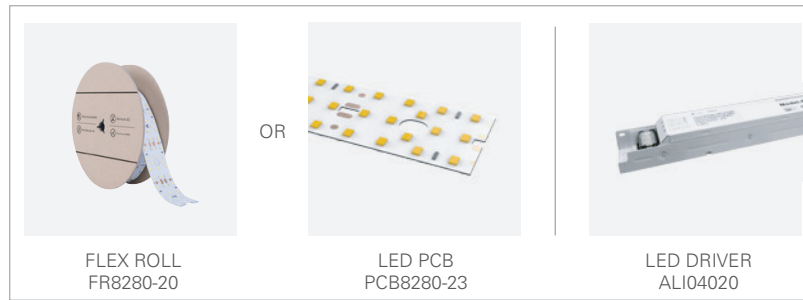
Flux out:1415lm

Height	Eavg,Emax	Angle:99.71deg	Diameter
1m	317,1,857,4lx		237,14cm
2m	79,28,214,4lx		474,27cm
3m	35,23,95,27lx		711,41cm
4m	19,82,53,59lx		948,54cm
5m	12,68,34,30lx		1185,68cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

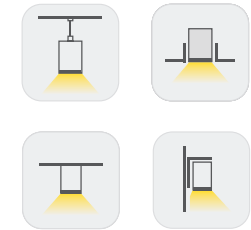
Accessories Included



20W/m, 2550lm, 24Vdc, IP33, CRI>80/90

2700 K 3000 K 4000 K 6000 K

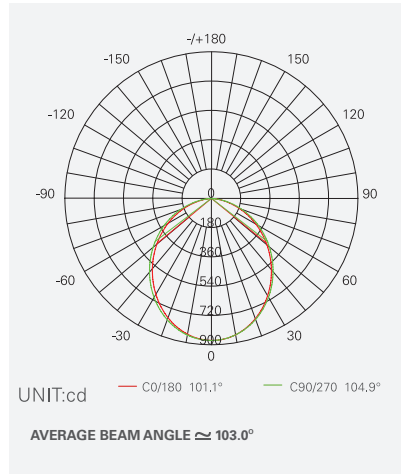
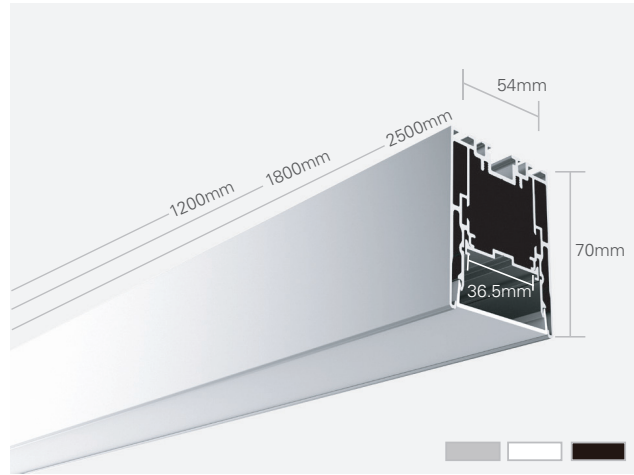
Installation guide, see p. 21 - 22



Optional



LINE S5470



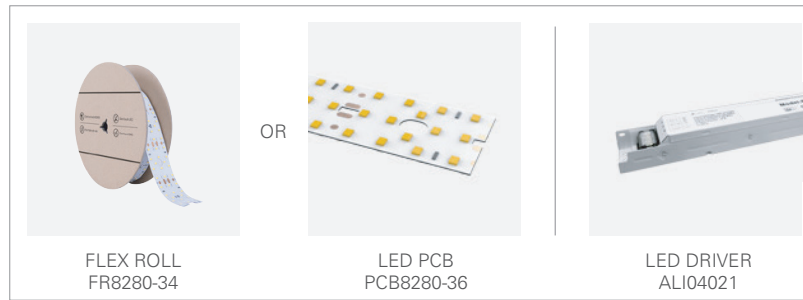
Flux out: 1499lm

Height	Eavg, Emax	Angle: 101.12deg	Diameter
1m	312,8,877.3lx		243.14cm
2m	78.20,219.3lx		486.29cm
3m	34.75,97.48lx		729.43cm
5m	12.51,35.09lx		1215.71cm
7m	6.384,17.90lx		1702.00cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

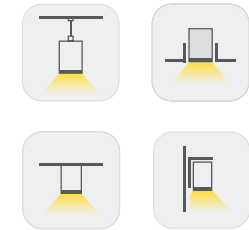
Accessories Included



25W/m, 3100lm, 24Vdc, IP33, CRI>80/90

2700 K 3000 K 4000 K 6000 K

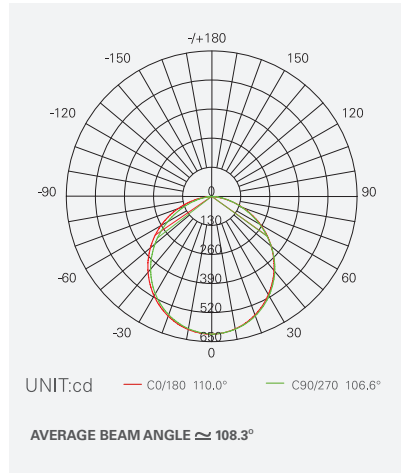
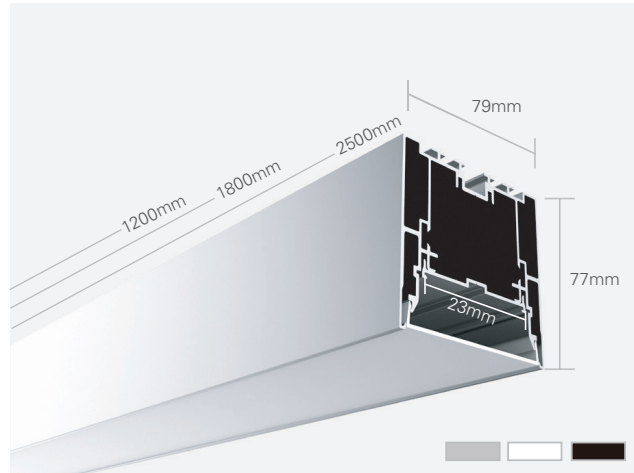
Installation guide, see p. 21 - 22



Optional



LINE S7977



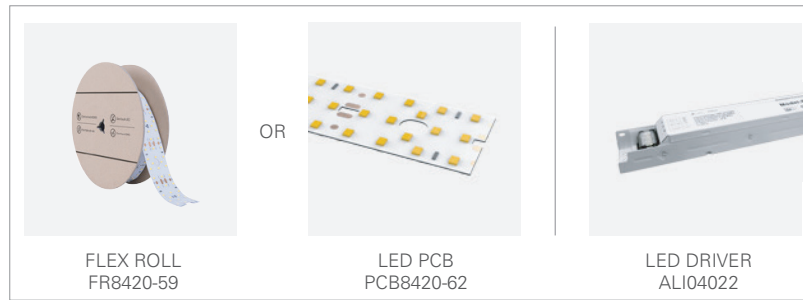
Flux out: 0.5901lm

Height	Eavg, Emax	Angle: 0.72deg	Diameter
1m	616.5, 1011lx		1.25cm
2m	154.1, 252.8lx		2.51cm
3m	68.50, 112.3lx		3.76cm
5m	24.66, 40.44lx		6.27cm
7m	12.58, 20.63lx		8.78cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

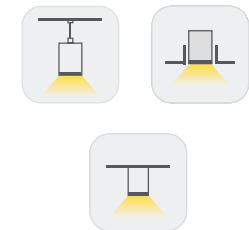
Accessories Included



30W/m, 3700lm, 24Vdc, IP33, CRI>80/90

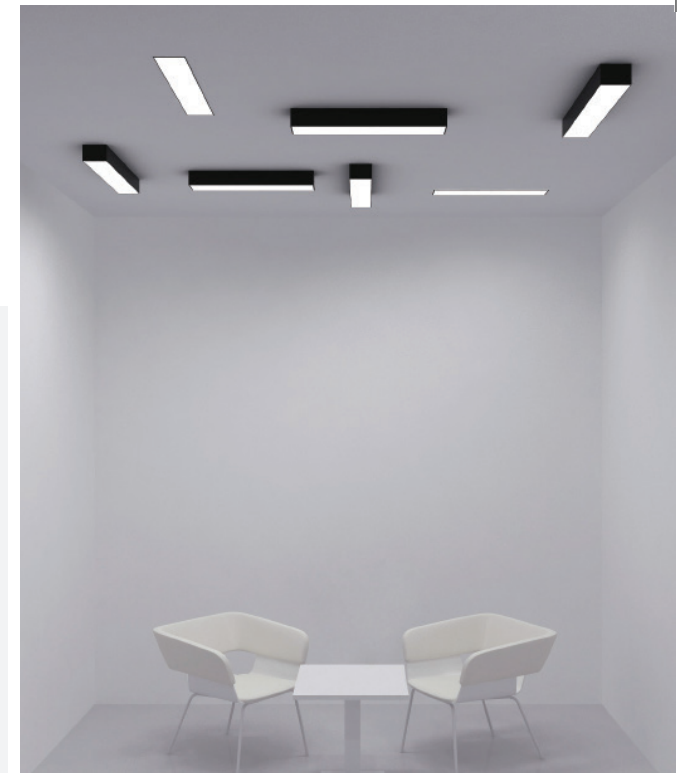
2700 K 3000 K 4000 K 6000 K

Installation guide, see p. 21 - 22

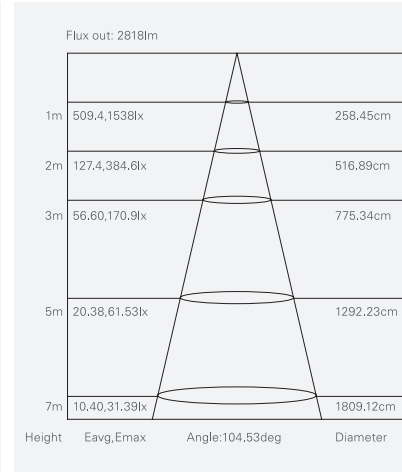
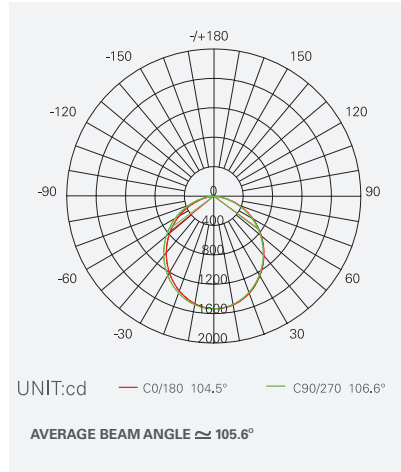
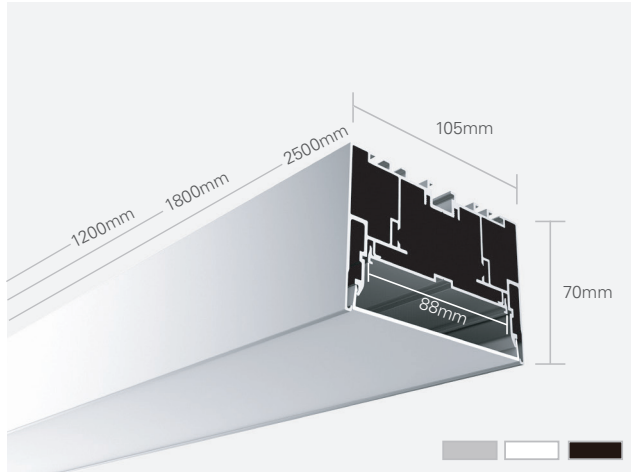


Optional



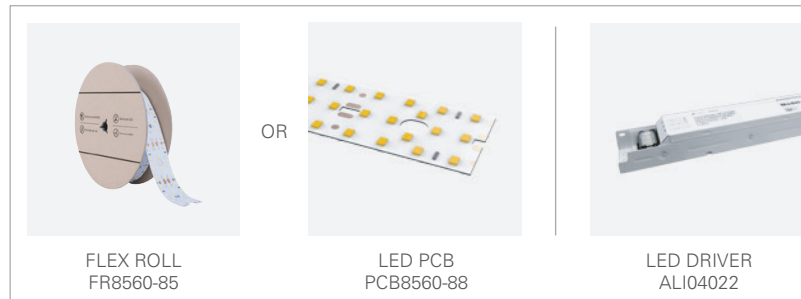


LINE S10570



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included

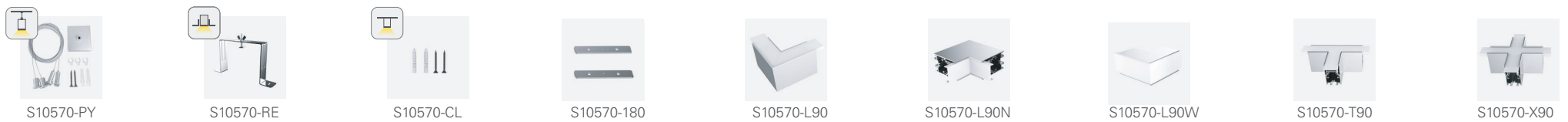


40W/m, 4800lm, 24Vdc, IP33, CRI>80/90 2700 K 3000 K 4000 K 6000 K

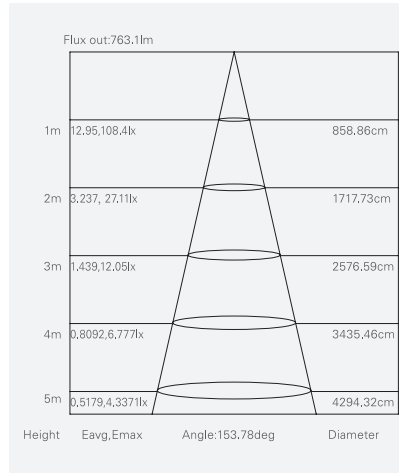
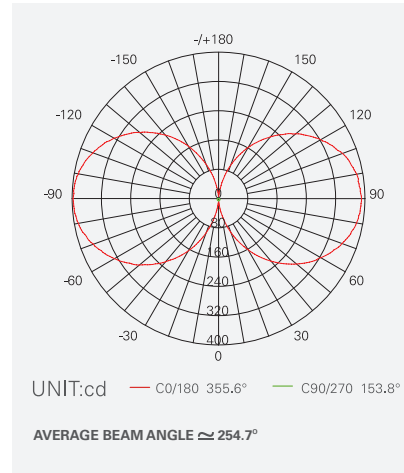
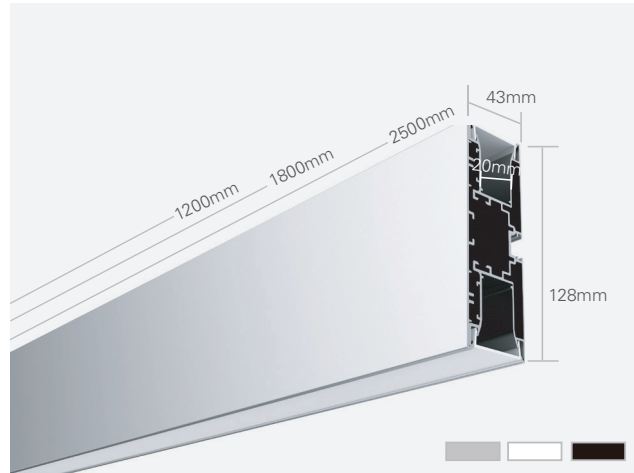
Installation guide, see p. 21 - 22



Optional



LINE C12843

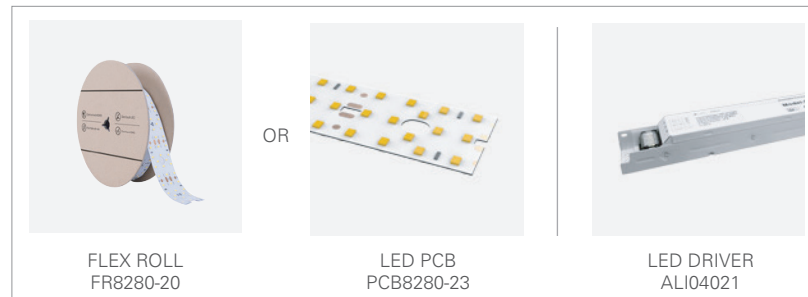


LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Optional



20W/m, 2550lm, 24Vdc, IP33, CRI>80/90

2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22

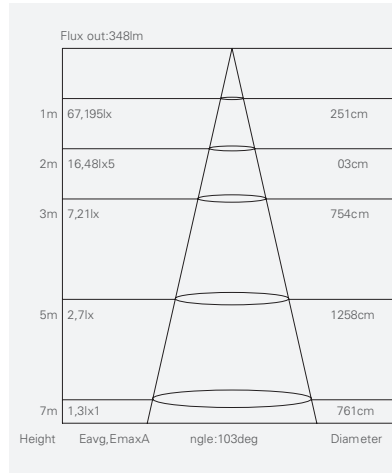
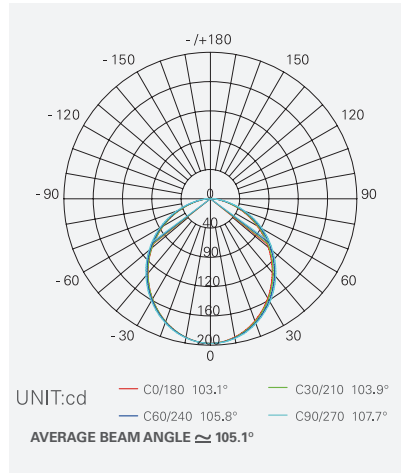
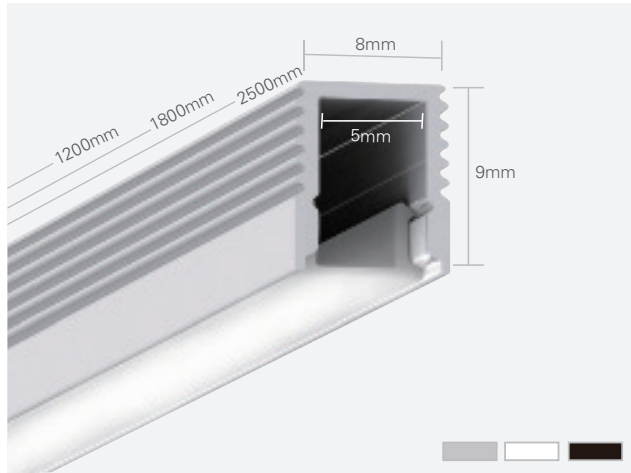


CONCEPT LINE

EXTERNAL DRIVER



LINE S0709



LUMINAIRE PHOTOMETRIC for 1.2M 6000K



Accessories Included



Alu. Profile/
Diffuser



End Caps x 2



Mounting
Bracket x 8
(for 2500mm)

12Vdc

FLEX ROLL
FR3120

12Vdc

LED DRIVER
See p.56

8.7W/m, 750lm, 12Vdc, IP33, CRI>80/90

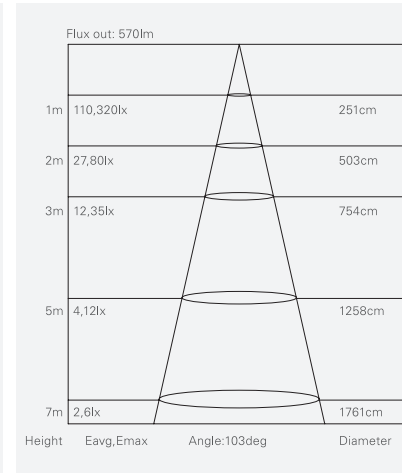
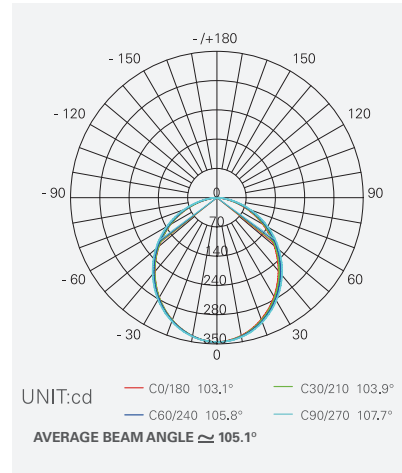
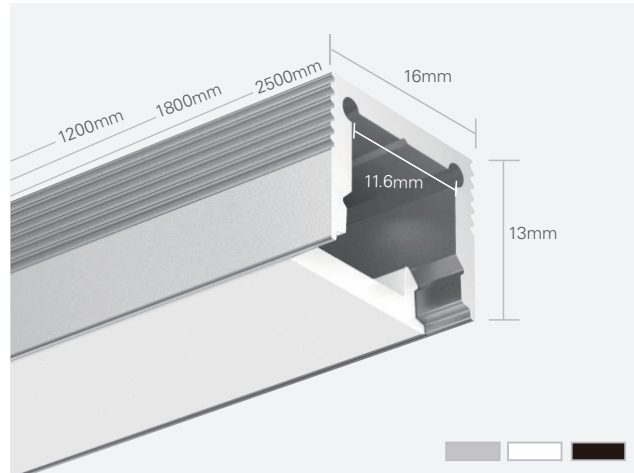
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22

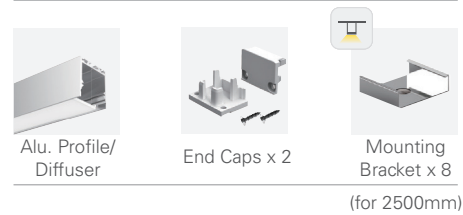


LINE S1613

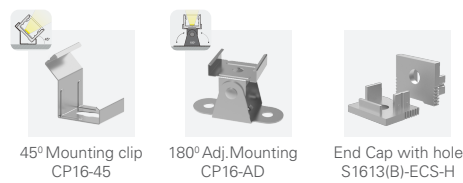


LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Optional



11W/m, 1350lm, 24Vdc, IP33, CRI>80/90

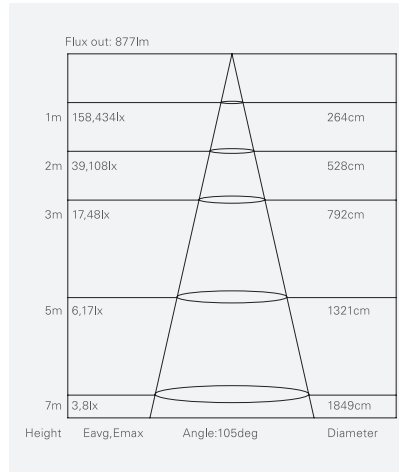
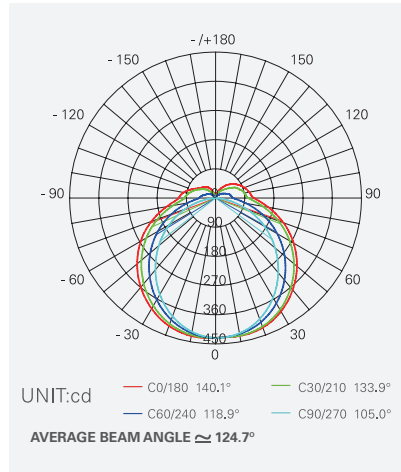
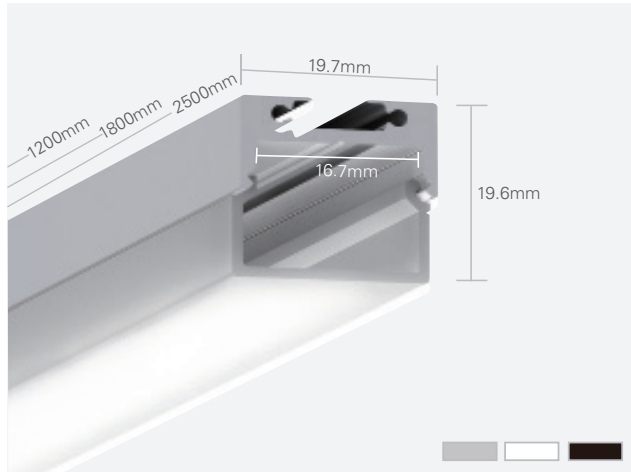
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22



LINE S1911K



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Alu. Profile/
Diffuser



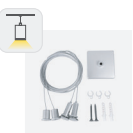
End Caps x 2



Mounting
Bracket x 8

(for 2500mm)

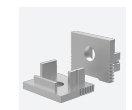
Optional



S1911K-PY



180° Extender
CN1001/CN1003



End Cap with hole
S1911K(B)-ECS-H



FLEX ROLL
FR8196

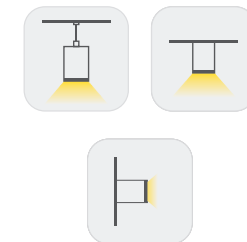
LED DRIVER
See p.49 & 55

21W/m, 2570lm, 24Vdc, IP33, CRI>80/90

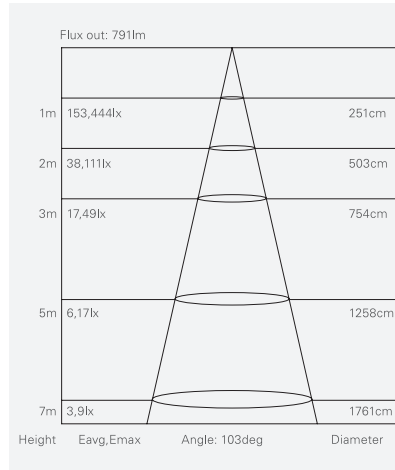
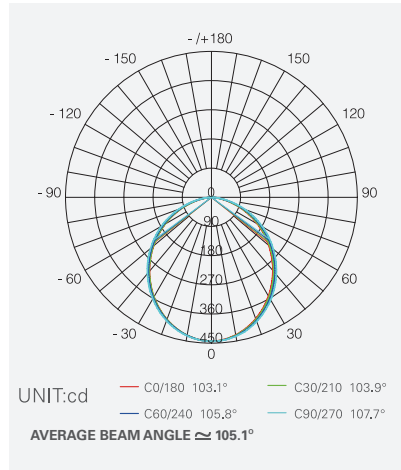
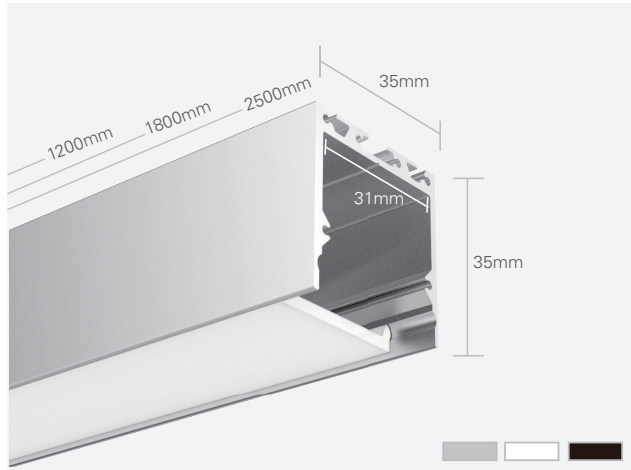
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

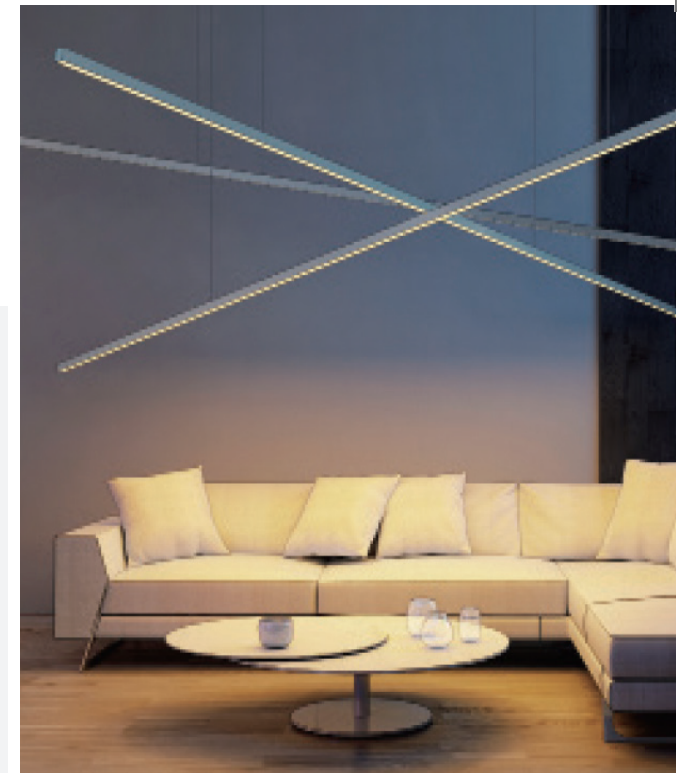
Installation guide, see p. 21 - 22



LINE S3535



LUMINAIRE PHOTOMETRIC for 1.2M 6000K



Accessories Included



Alu. Profile/
Diffuser



End Caps x 2



Mounting
Bracket x 8

(for 2500mm)

Optional



S3535-PY



180° Extender
CN1001/CN1003



FLEX ROLL
FR8252

LED DRIVER
See p.49 & 55

27W/m, 3260lm, 24Vdc, IP33, CRI>80/90

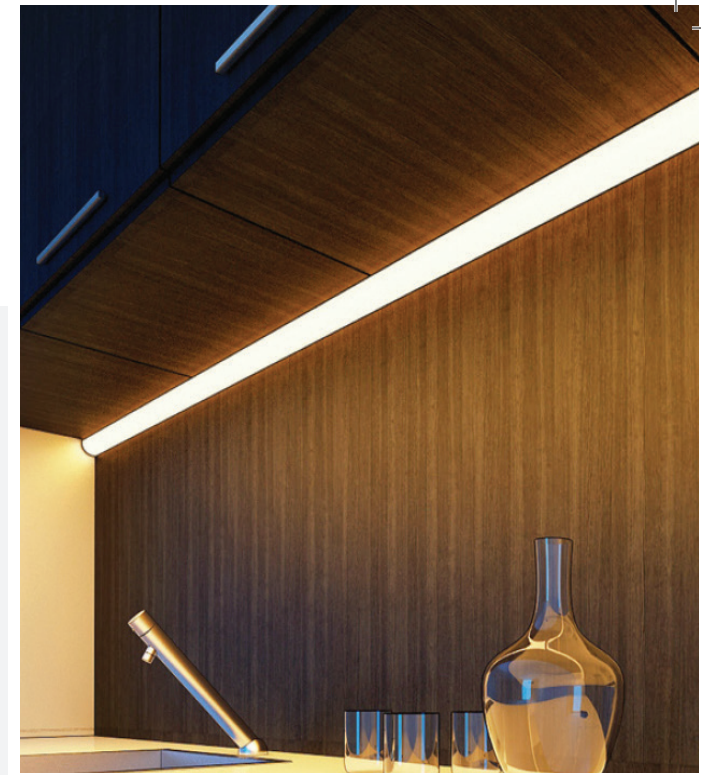
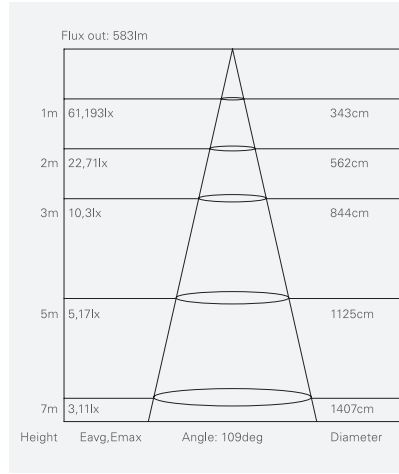
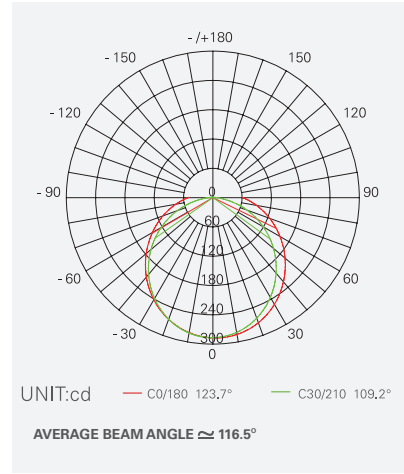
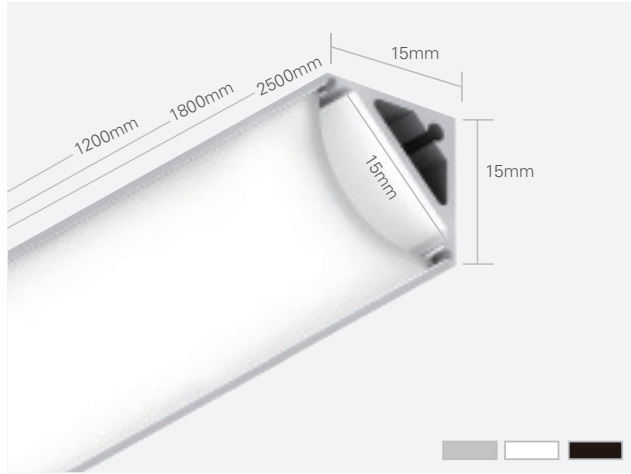
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22



LINE G1515C



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Alu. Profile/
Diffuser



End Caps x 2



Mounting
Bracket x 8
(for 2500mm)

Optional



End Cap with hole
G1515C(B)-ECS-H



FLEX ROLL
FR898

LED DRIVER
See p.49 & 55

11W/m, 1350lm, 24Vdc, IP33, CRI>80/90

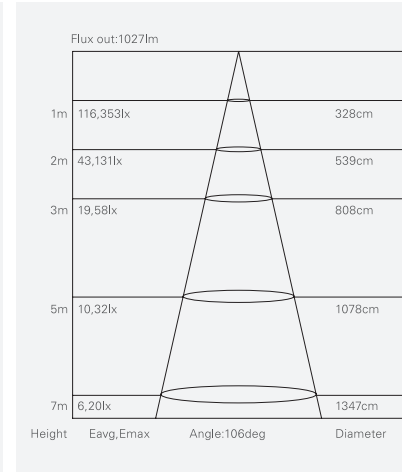
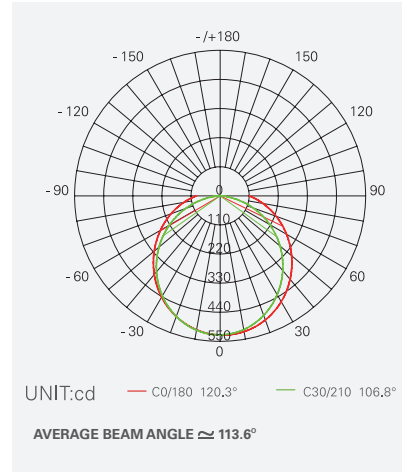
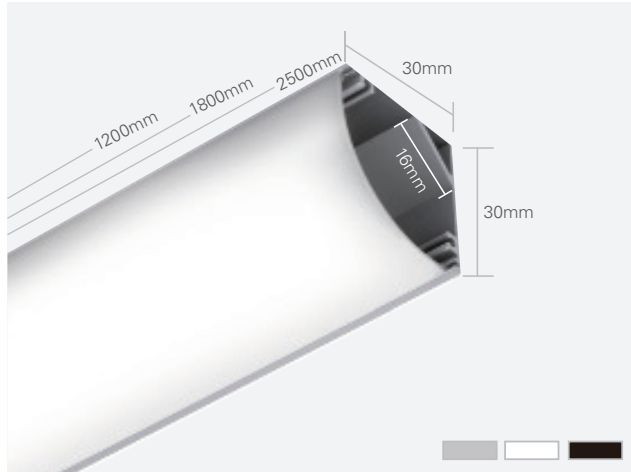
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22



LINE G3030C

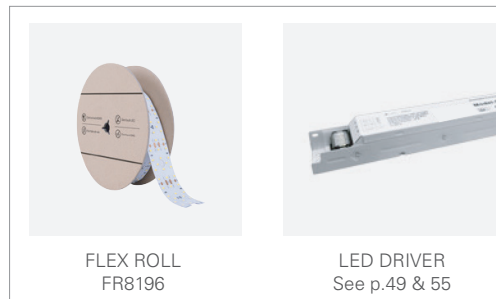
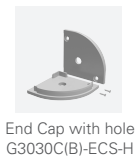


LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Optional



21W/m, 2570lm, 24Vdc, IP33, CRI>80/90

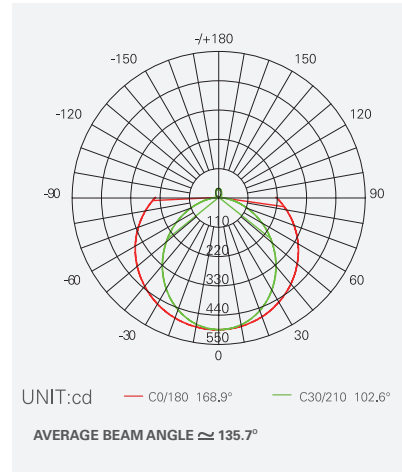
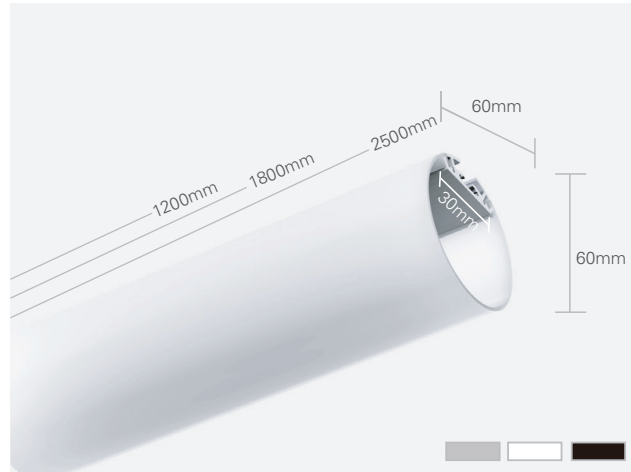
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22



LINE T60



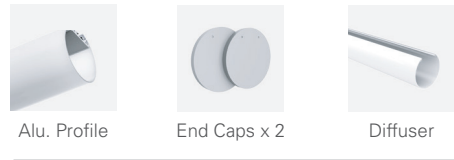
Flux out: 978lm

Height	Eavg, Emax	Angle: 102deg	Diameter
1m	127,336lx		304cm
2m	47,125lx		499cm
3m	21,55lx		748cm
5m	11,31lx		998cm
7m	7,20lx		1247cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Optional

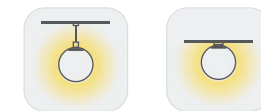


27W/m, 3260lm, 24Vdc, IP33, CRI>80/90

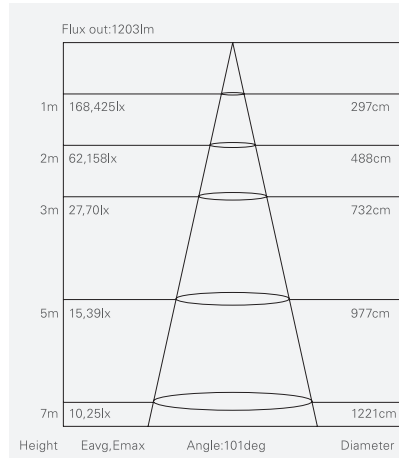
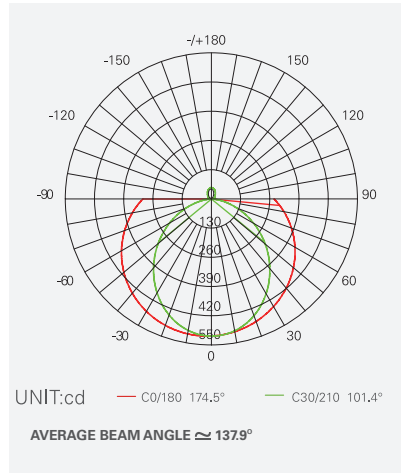
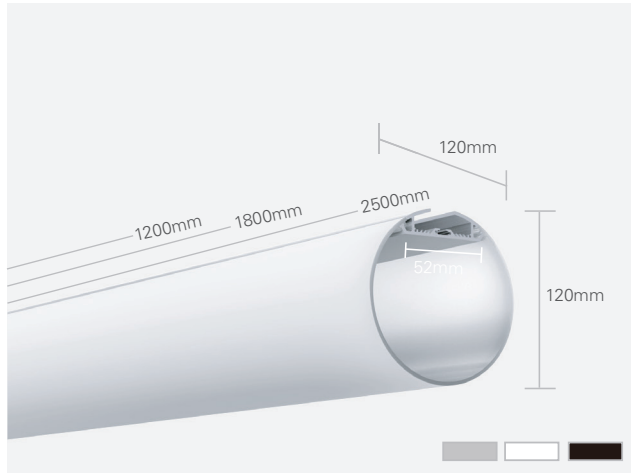
2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

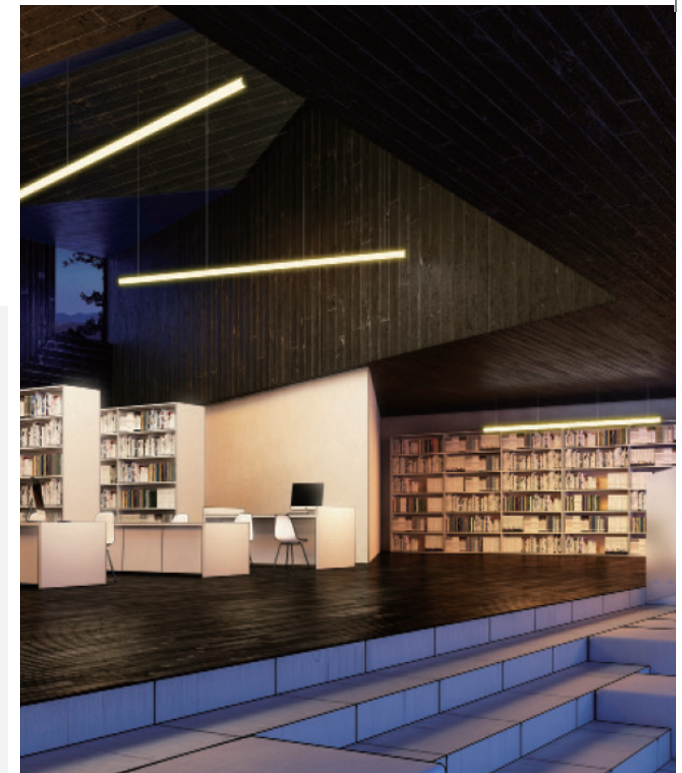
Installation guide, see p. 21 - 22



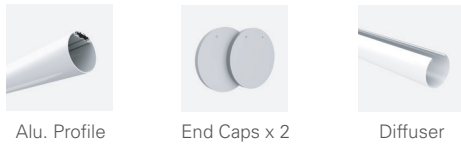
LINE T120



LUMINAIRE PHOTOMETRIC for 1.2M 6000K



Accessories Included



Optional

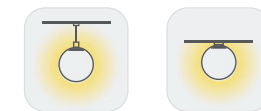


36W/m, 4200lm, 24Vdc, IP33, CRI>80/90

2700 K 3000 K 4000 K 6000 K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22

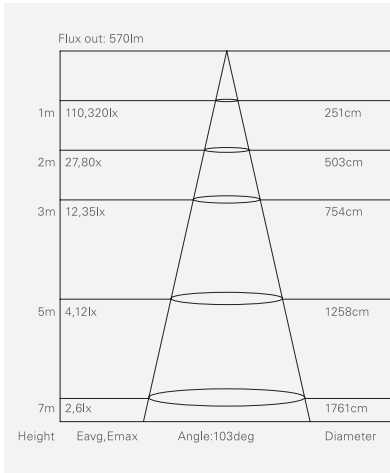
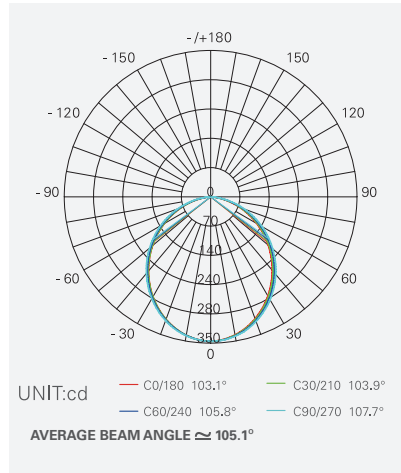
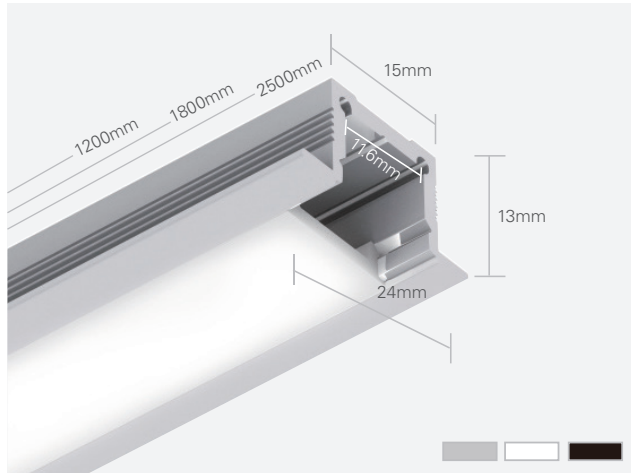


CONCEPT LINE

RECESSED PROFILES

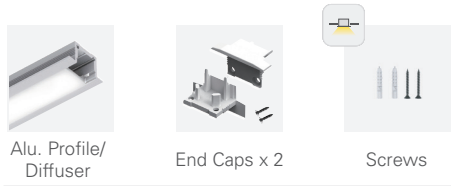


LINE E2613

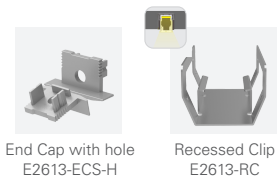


LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Optional



11W/m, 1350lm, 24Vdc, IP33, CRI>80/90

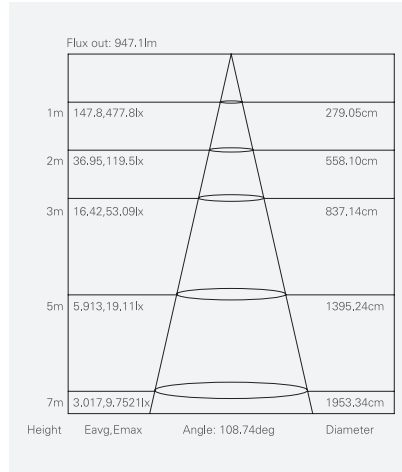
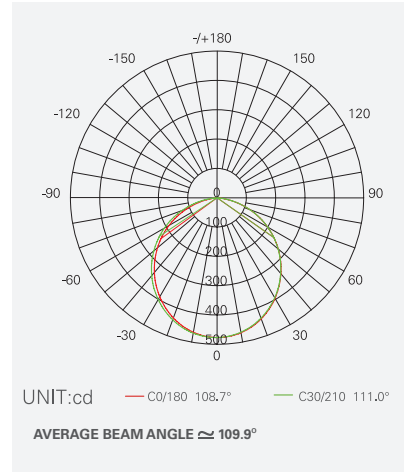
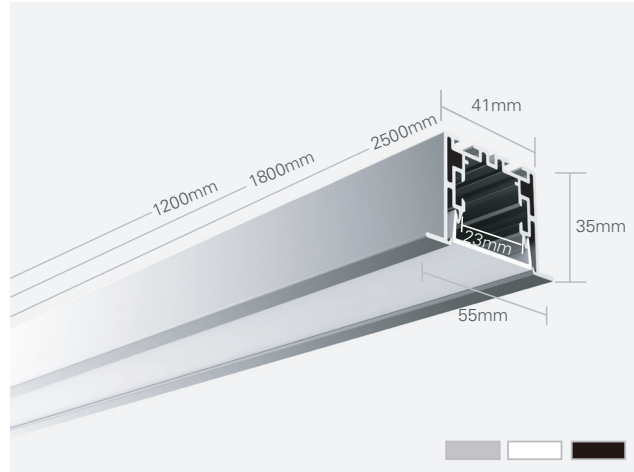
2700K 3000K 4000K 6000K

For more info see p. 45 - 49

Installation guide, see p. 21 - 22



LINE E5535



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Alu. Profile



End Caps X 2

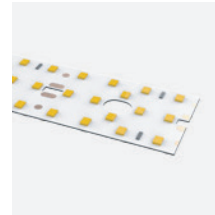


Diffuser



FLEX ROLL
FR8280-20

OR

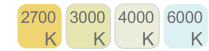


LED PCB
PCB8280-23



LED DRIVER
ALI04021

20W/m, 2550lm, 24Vdc, IP33, CRI>80/90



Installation guide, see p. 21 - 22



Optional



E5535-RN



E5535-RB



E5535-180



E5535-L90



E5535-L90N



E5535-L90W

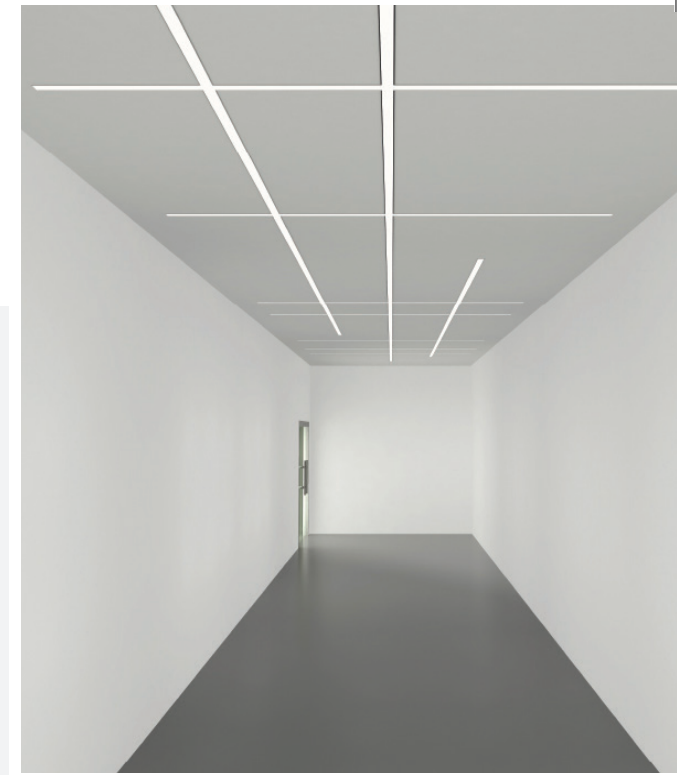
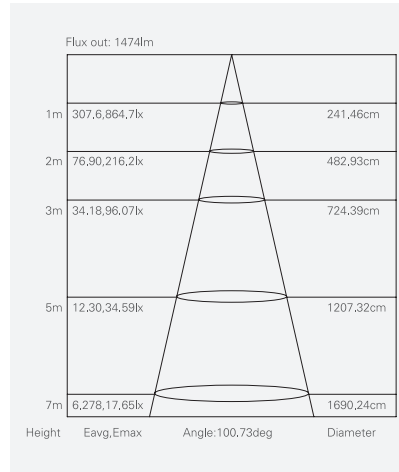
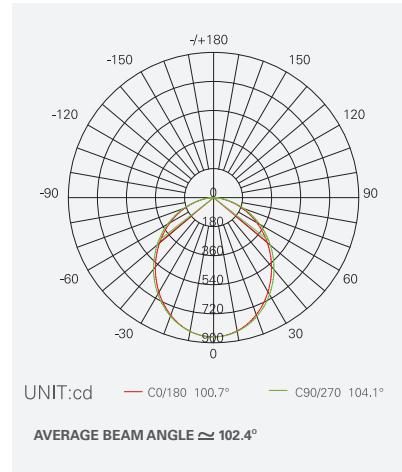
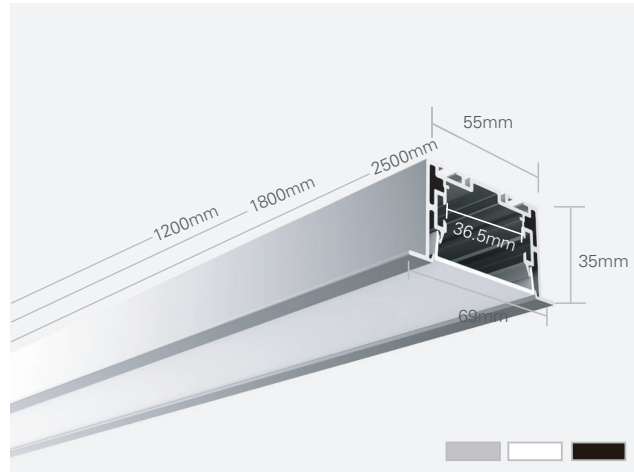


E5535-T90



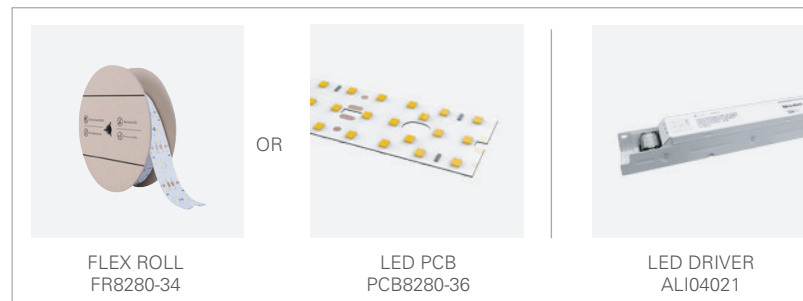
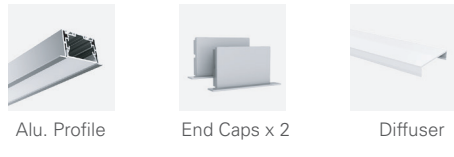
E5535-X90

LINE E6935

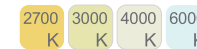


LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



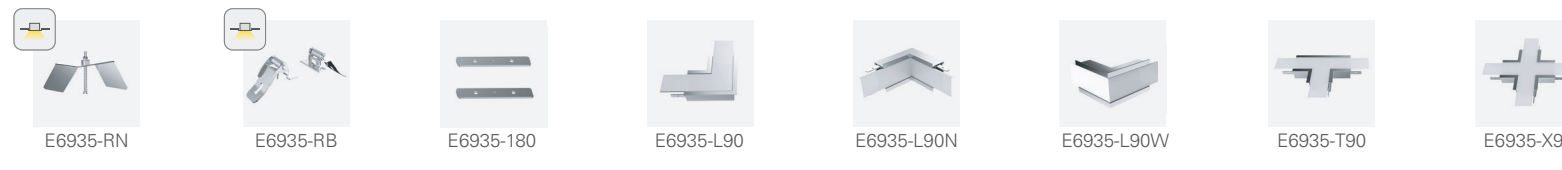
25W/m, 3100lm, 24Vdc, IP33, CRI>80/90



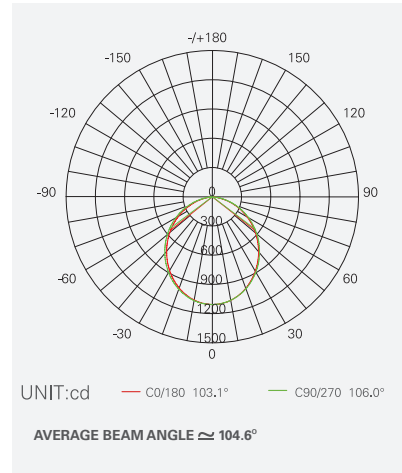
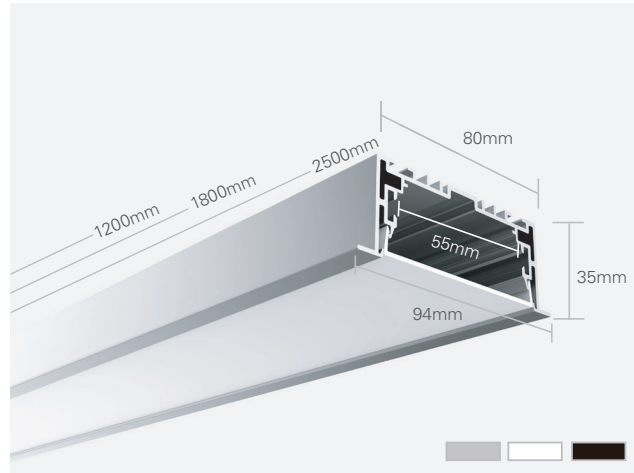
Installation guide, see p. 21 - 22



Optional



LINE E9435



Flux out: 1969lm

Height	Eavg, Emax	Angle: 103.08deg	Diameter
1m	382,6,1110lx		251,80cm
2m	95,64,277,5lx		503,60cm
3m	42,51,123,3lx		755,40cm
5m	15,30,44,40lx		1259,00cm
7m	7,808,22,65lx		1762,59cm



LUMINAIRE PHOTOMETRIC for 1.2M 6000K

Accessories Included



Alu. Profile



End Caps x 2

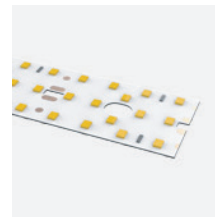


Diffuser



FLEX ROLL
FR8420-52

OR



LED PCB
PCB8420-55



LED DRIVER
ALI04022

30W/m, 3700lm, 24Vdc, IP33, CRI>80/90



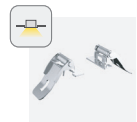
Installation guide, see p. 21 - 22



Optional



E9435-RN



E9435-RB



E9435-180



E9435-L90



E9435-L90N



E9435-L90W



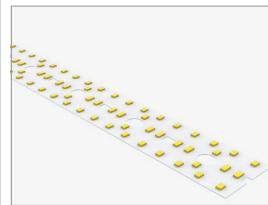
E9435-T90



E9435-X90

CONCEPT LINE

COMPONENTS



LED PCB
p.45



FLEX ROLL
p.46 - 47



DRIVERS
p.48 - 49

COMPONENTS



LED STRIPS
p.50 - 52



ACCESSORIES
p.53 - 54



DRIVERS
p.55 - 56

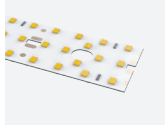
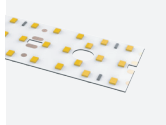
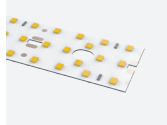
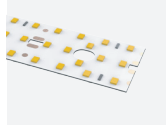
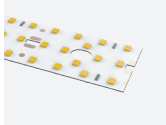
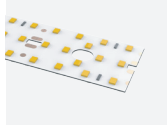


























LIGHTING CONTROL
p.57 - 59

EXTRA COMPONENTS

COMPONENTS LED PCB

- Better heat dissipation
- Modules sizes of 25, 30 & 50cm
- Interconnectable













	PCB8280-17	PCB8280-23	PCB8280-36	PCB8420-55	PCB8420-62	PCB8560-88
						
Color Temperature	   	   	   	   	   	   
Color Rendering Index	>80, >90	>80, >90	>80, >90	>80, >90	>80, >90	>80, >90
Lumen /M	2550 lm	2550 lm	3100 lm	3700 lm	3700 lm	4800 lm
Input Voltage	24 V	24 V	24 V	24 V	24 V	24 V
Power /M	20 W	20 W	25 W	30 W	30 W	40 W
IP Rating	IP33	IP33	IP33	IP33	IP33	IP33
Dimension	2500 x 15 x 1.7 mm	2500 x 20 x 1.7 mm	2500 x 34 x 1.7 mm	2500 x 52 x 1.7 mm	2500 x 59 x 1.7 mm	2500 x 85 x 1.7 mm
LEDs /M	280 LEDs	280 LEDs	280 LEDs	420 LEDs	420 LEDs	560 LEDs
Cutting Unit	50 mm (14 LED)	50 mm (14 LED)	50 mm (14 LED)	50 mm (21 LED)	50 mm (21 LED)	50 mm (28 LED)

To order, choose:

1. The code (ex: PCB8280-17)
2. The color temp. (2700K to 6000K)
3. The CRI (>80 or >90)











COMPONENTS

FLEX ROLL

	FR3120	FR898	FR8280-15	FR8280-20	FR8196	FR8280-34
						
Color Temperature						
Color Rendering Index	>80, >90	>80, >90	>80, >90	>80, >90	>80, >90	>80, >90
Lumen /M	750 lm	1350 lm	2550 lm	2550 lm	2750 lm	3100 lm
Input Voltage	12 V	24 V	24 V	24 V	24 V	24 V
Power /M	8.7 W	11 W	20 W	20 W	21 W	25 W
IP Rating	IP33/NANO	IP33/IP55/NANO	IP33	IP33	IP33	IP33
Dimension	5000 x 5 x 1.8 mm	5000 x 8 x 1.5 mm	2500 x 15 x 1.7 mm	2500 x 20 x 1.7 mm	5000 x 15 x 1.5 mm	2500 x 34 x 1.7 mm
LEDs /M	120 LEDs	98 LEDs	280 LEDs	280 LEDs	196 LEDs	280 LEDs
Cutting Unit	25 mm (3LED)	71 mm (7 LED)	50 mm (14 LED)	50 mm (14 LED)	71 mm (14 LED)	50 mm (14 LED)

COMPONENTS

FLEX ROLLS

	FR8252	FR8420-52	FR8420-59	FR8350	FR8560-85
					
Color Temperature					
Color Rendering Index	>80, >90	>80, >90	>80, >90	>80, >90	>80, >90
Lumen /M	3260 lm	3700 lm	3700 lm	4200 lm	4800 lm
Input Voltage	24 V	24 V	24 V	24 V	24 V
Power /M	27 W	30 W	30 W	36 W	40 W
IP Rating	IP33	IP33	IP33	IP33	IP33
Dimension	2500 x 19 x 1.5 mm	2500 x 52 x 1.7 mm	2500 x 59 x 1.7 mm	2500 x 58 x 1.5 mm	2500 x 85 x 1.7 mm
LEDs /M	252 LEDs	420 LEDs	420 LEDs	350 LEDs	560 LEDs
Cutting Unit	83 mm (21 LED)	50 mm (21 LED)	50 mm (21 LED)	100 mm (35 LED)	50 mm (28 LED)

To order, choose:

1. The code (ex: FR8280-15)
2. The color temp. (2700K to 6000K)
3. The CRI (>80 or >90)

COMPONENTS DRIVERS

3 in 1 dimming



Load smart CPU



PWM

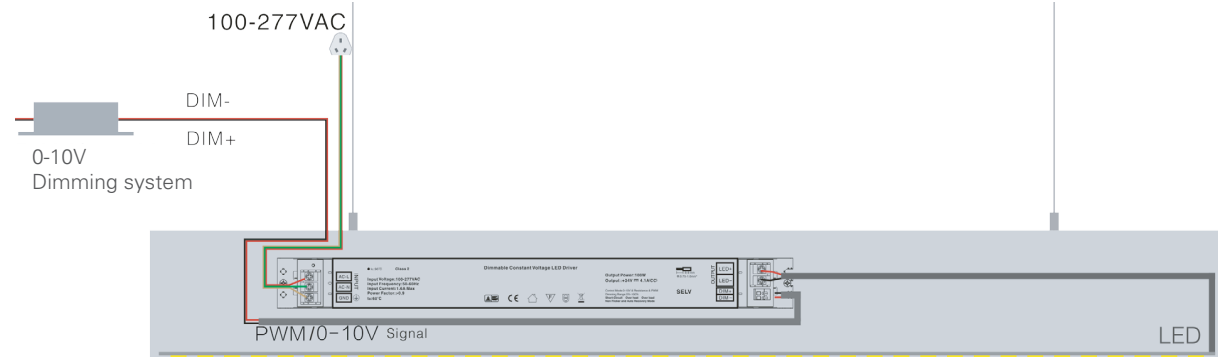
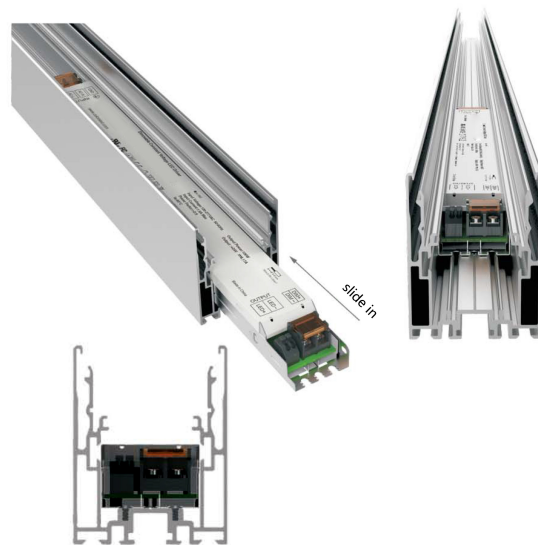


0-10V VDC





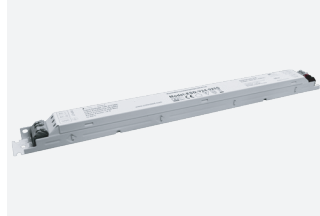
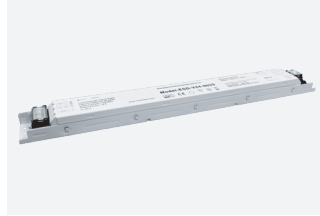

RESISTOR

- Fixed the low frequency stroboscopic, smoother the dimming curve
- Wide range Ta, up to Tc 85°C
- Over load protection, short circuits protection and self-recovery
- Mini-long design, flexible in the narrow application



COMPONENTS

DRIVERS

	ALI04018	ALI04019	ALI04020	ALI04021	ALI04022
					
Dimming Mode	Non-Dimmable	Non-Dimmable	0-10V, PWM, Resistance	0-10V, PWM, Resistance	0-10V, PWM, Resistance
Input Voltage	220-240VAC 50-60Hz	220-240VAC 50-60Hz	100-277VAC 50-60Hz	100-277VAC 50-60Hz	100-277VAC 50-60Hz
Input Current	-	-	0.35A Max	1.0A Max	1.6A Max
Output Voltage	12 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Output Current	2500 mA	1250 mA	1050 mA	2800 mA	4100 mA
Power	30 W	30 W	25 W	65 W	100 W
Power Factor	0.95	0.95	0.9	0.9	0.9
Dimension	246 x 30 x 16 mm	246 x 30 x 16 mm	330 x 21 x 20 mm	363 x 34.5 x 22.5 mm	390 x 38 x 28.5 mm

COMPONENTS

LED STRIPS

Constant voltage LED system means that the DC voltage of the LED strip must always remain constant regardless of the load current, ensuring safety operation and long life-span.

The LED strip light driven by 24Vdc power supply has longer permissible distances between light sources than 12Vdc LED strip. Based on the same power, you can cut the size of 12V LED strip with every 50mm, however, for 24V LED strip, you should cut every 100mm. So, the cutting length of 24V LED strip is twice longer.

24V LED strip performs better in drop voltage, which means the brightness from the very beginning to the end of the strip is almost the same.



COMPONENTS

LED STRIPS - 12VDC

2700 K 3000 K 4000 K 6000 K

CODE	COLOR TEMP.	POWER W/M	LUMENS LM/M	LEDS/M	WIDTH MM	MIN. CUT LEADS/MM	IMAGE	IP	SMD	RGBW
BAN01001	6000 K	5	425	60	8	3/50		IP33 IP55 IP65 IP67 IP67C IPNANO	3528	R G B Y
BAN01004	6000 K	5	390	60	8	3/50		IP33 IP55 IP65 IP67 IP67C IPNANO	335	
BAN01007	6000 K	7	600	30	10	3/100		IP33 IP55 IP65 IP67 IP67C IPNANO	5050	R G B Y
BAN01010	6000 K	8	850	60	8	3/50		IP33 IP55 IP65 IP67 IP67C IPNANO	2835	R G B Y
BAN01013	6000 K	10	950	120	5	3/25		IP33 IPNANO	3528	R G B Y
BAN01016	6000 K	13	1180	60	10	3/50		IP33 IP55 IP65 IP67 IP67C IPNANO	5730	
BAN01020	6000 K	18	1620	120	8	3/25		IP33 IPNANO	2835	

COMPONENTS

LED STRIPS - 24VDC

2700 K 3000 K 4000 K 6000 K

CODE	COLOR TEMP.	POWER W/M	LUMENS LM/M	LEDS/M	WIDTH MM	MIN. CUT LEADS/MM	IMAGE	IP	SMD	RGBW
BAN01031	6000 K	5	440	60	8	6/100		IP33 IP55 IP65 IP67 IP67C IPNANO	3528	R G B Y
BAN01034	6000 K	10	800	120	8	6/50		IP33 IP55 IP65 IP67 IP67C IPNANO	3528	R G B Y
BAN01037	6000 K	11	1350	98	8	7/71		IP33 IP55 IPNANO	2835	
BAN01040	6000 K	13	1230	60	10	6/100		IP33 IP55 IP65 IP67 IP67C IPNANO	5730	
BAN01043	6000 K	18	1800	120	8	6/50		IP33 IPNANO	2835	
BAN01046	6000 K	18	1600	240	15	12/50		IP33 IPNANO	3528	
BAN01049	6000 K	19	2250	168	10	7/42		IP33 IPNANO	2835	
BAN01052	RGBW	19	-	60	12	6/100		IP33 IP55 IP65 IP67 IP67C IPNANO	5050	R G B W
BAN01061	6000 K	21	2570	196	15	14/71		IP33	2835	

IP68 LED strips are available on demand

To order, choose :

1. The code
2. The voltage (12V or 24V)
3. The IP rate
4. The CCT / RGBYW

COMPONENTS

LED STRIP IP RATING

IP33

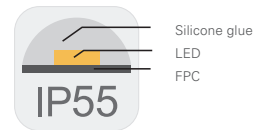
Non-proof



Applicable to dry environment

IP55

Gel coating



Applicable to damp environment

IP NANO

Nano-proof



Applicable to damp environment

IP65

Silicone tube



Applicable to water environment

IP67

Silicone filling



Applicable to short time flooded environment

IP67C

Extrusion strip



Applicable to short time flooded environment

3 YEARS PROOF OF ANTI-UV

HIGH QUALITY SILICONE GLUE











ENVIRONMENTAL FRIENDLY

TEMPERATURE RESISTANT -30° /+ 50°

COMPONENTS

ACCESSORIES

CABLE

CODE/DESIGNATION	IMAGE
ACC01001 SM-male wire	
ACC01002 SM-female wire	
ACC01003 DC-male wire	
ACC01004 DC-female wire	
ACC01005 PVC-female wire	
ACC01006 PVC-male wire	
ACC01007 Lucid male wire	
ACC01008 Lucid female wire	
ACC01009 Lucid wire	
ACC01010 PVC-female wire	

ACC01011
PVC-male wire



ACC01012
Lucid female wire







ACC01013
Lucid male wire



ACC01014
Lucid wire



CABLE CONNECTOR

CODE/NAME	IMAGE
ACC01015 Sigle Pin, "S" Shape Wire Connector	
ACC01016 Sigle Pin, "T" Shape Wire Connector	
ACC01017 Double Pin, "S" Shape Wire Connector	
ACC01018 Double Pin, T Shape Wire Connector	

COMPONENTS

ACCESSORIES

CONNECTOR

CODE/NAME	IMAGE
ACC01019 IP55-Connector	
ACC01020 Wire&2 connector	
ACC01021 Wire&1 connector	
ACC01023 IP55-Connector	
ACC01024 Wire&2 connector	
ACC01025 Wire&1 connector	
ACC01026 IP55-Connector	
ACC01027 Wire&2 connector	
ACC01028 Wire&1 connector	
ACC01200 Connector Of Input-8mm	
ACC01201 Butt Splice Connectors-8mm	
ACC01202 "L" Connector-8mm	

ACC01203
"T" Connector-8mm



ACC01204
"+" Connector-8mm



ACC01205
Connector Of Input-10mm



ACC02001
2PIN Butt Splice Connectors-10mm



ACC02002
Butt Splice Connectors-10mm



ACC02003
"T" Connector-10mm



ACC02004
"+" Connector-10mm



ACC02005
Connector Of Input-8mm



ACC02006
Butt Splice Connectors-10mm



ACC02007
"L" Connector-10mm














ACC02008
"T" Connector-10mm



ACC02009
"+" Connector-10mm















OTHERS

CODE/NAME	IMAGE
ACC02010 Fixed Clip-8mm	
ACC02011 Fixed Clip-10mm	
ACC02012 End cap-8mm	
ACC02013 End cap-10mm	
ACC02014 2 holes cap-8mm	
ACC02015 2 holes cap-10mm	
ACC02016 4 holes cap-10mm	
ACC02017 Silicone glue	
ACC02018 Fixed Clip-8mm	
ACC02019 Fixed Clip-10mm	
ACC02020 Fixed Clip-12mm	











COMPONENTS

24VDC DRIVERS

	CODE	DIMMABLE	INPUT	IP	OUTPUT VOLTAGE	POWER	DIMENSION
STANDARD	 ALI04023	Non-Dimmable	AC 220-240V	IP20	24 Vdc	30 W	165 x 40 x 30 mm
	 ALI04024	Non-Dimmable	AC 220-240V	IP20	24 Vdc	75 W	185 x 60 x 31 mm
	 ALI04025	Non-Dimmable	AC 220-240V	IP20	24 Vdc	100 W	185 x 60 x 31 mm
	 ALI04026	Non-Dimmable	AC 220-240V	IP20	24 Vdc	150 W	223 x 64 x 32 mm
WATERPROOF	 ALI04027	Non-Dimmable	AC 220-240V	IP66	24 Vdc	150 W	252.2 x 68 x 39 mm
	 ALI04028	Non-Dimmable	AC 220-240V	IP64	24 Vdc	60 W	257 x 44 x 32 mm
	 ALI04029	1-10V	AC 120-277V	IP66	24 Vdc	96 W	241 x 40.5 x 29.5 mm
	 ALI04030	Non-Dimmable	AC 220-240V	IP64	24 Vdc	100 W	257 x 44x 32 mm
	 ALI06005	1-10V	AC 220-240V	IP67	24 Vdc	120 W	220 x 68 x 39 mm
	 ALI04032	Non-Dimmable	AC 220-240V	IP66	24 Vdc	200 W	252 x 68 x 39 mm
	 ALI06006	1-10V	AC 220-240V	IP67	24 Vdc	240 W	245 x 68 x 39 mm
	 ALI06007	1-10V	AC 220-240V	IP67	24 Vdc	320 W	252 x 90 x 44 mm

COMPONENTS

12VDC DRIVERS

	CODE	DIMMABLE	INPUT	IP	OUTPUT VOLTAGE	POWER	DIMENSION
STANDARD	 ALI04035	Non-Dimmable	AC 220-240 V	IP20	12 Vdc	30 W	165 x 40 x 30 mm
	 ALI04036	Non-Dimmable	AC 220-240 V	IP20	12 Vdc	60 W	185 x 60 x 31 mm
COMPACT	 ALI04037	Non-Dimmable	AC 220-240 V	IP20	12 Vdc	20 W	166 x 40 x 14 mm
	 ALI04038	Non-Dimmable	AC 220-240 V	IP20	12 Vdc	30 W	246 x 30 x 16 mm
WEATHERPROOF	 ALI04039	Non-Dimmable	AC 220-240 V	IP64	12 Vdc	60 W	257 x 44 x 32 mm
	 ALI04042	Non-Dimmable	AC 220-240 V	IP64	12 Vdc	100 W	257 x 44 x 32 mm
	 ALI06002	1-10V	AC 220-240 V	IP67	12 Vdc	120 W	220 x 68 x 39 mm
	 ALI06003	1-10V	AC 220-240 V	IP67	12 Vdc	192 W	245 x 68 x 39 mm
	 ALI04045	Non-Dimmable	AC 220-240 V	IP66	12 Vdc	200 W	252 x 68 x 39 mm
	 ALI06008	1-10V	AC 220-240 V	IP67	12 Vdc	264 W	252 x 90 x 44 mm







COMPONENTS

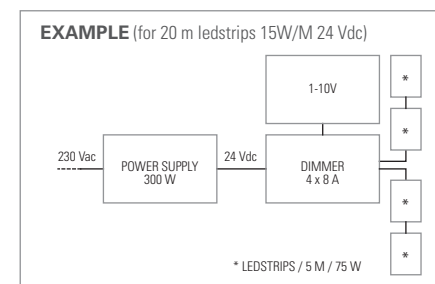
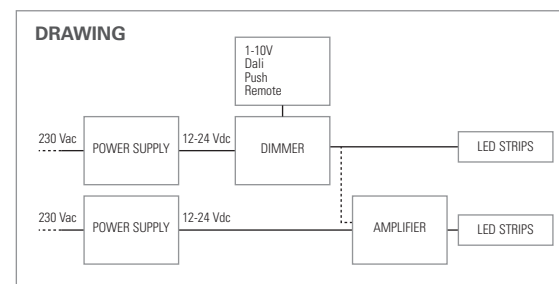
LIGHTING CONTROL

STANDARD RANGE
CUSTOM-MADE SET

MONOCHROME LED STRIPS DIMMING 12V/24Vdc

Dimming system allowing to control light intensity of monochrome LED strip.

	CODE	DESIGNATION	SPECIFICATIONS	A	W	DIMENSION	PRICE		
1-10V DIMMER									
	ALI09001	1-10V DIMMER	To manage with a 1-10V controller	4 x 8A	4 x 96W (12V) 4 x 192W (24V)	58 x 168 x 28 mm	-		
DALI / PUSH DIMMER									
	ALI09002	DALI / PUSH DIMMER	To manage with a DALI or PUSH controller (pushbutton)	4 x 8A	4 x 96W (12V) 4 x 192W (24V)	58 x 168 x 28 mm	-		
DIMMER CONTROLLED BY A REMOTE									
RECEIVER		ALI09003	Dimmer controlled by a remote	To use with the below transmitter Several receivers can be synchronised or driven individually	4 x 8A	4 x 96W (12V) 4 x 192W (24V)	58 x 168 x 28 mm	-	
	TRANSMITTERS		ALI09004	10 zones remote	Possibility to control until 10 independent zones	-	-	39 x 136.5 x 10.7 mm	-
			ALI09005	1 zone remote	-	-	-	Ø32.2 x 12 mm	-
AMPLIFIER									
	ALI09006	Amplifier	Synchronizing dimming system for big installations	4 x 8A	4 x 96W (12V) 4 x 192W (24V)	58 x 168 x 28 mm	-		



COMPONENTS

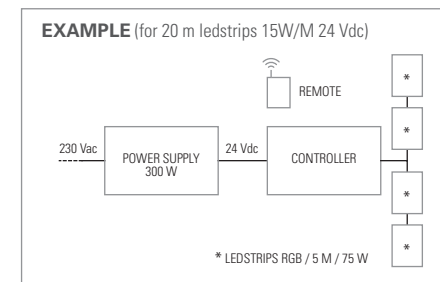
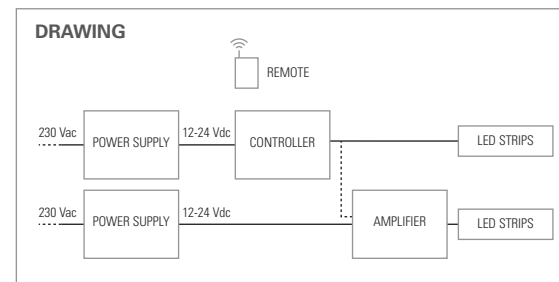
LIGHTING CONTROL

STANDARD RANGE
CUSTOM-MADE SET

RGB LED STRIPS DIMMING 12V/24Vdc

Dimming system allowing RGB
LED strips control.

	CODE	DESIGNATION	SPECIFICATIONS	A	W	DIMENSION	PRICE
RGB REMOTE CONTROLLER 1 ZONE							
RECEIVER	 ALI09007	Remote controller driven	To use with below transmitter. Several receivers can be synchronized using only one remote.	3 x 5A	3 x 60W (12V) 3 x 120W (24V)	46 x 178 x 18 mm	-
TRANSMITTER	 ALI09008	1 zone remote	10 dynamic integrated programs with adjustable speed and pause function. Possibility to create any requested fixed color.	-	-	39 x 136,5 x 10,7 mm	-
RGB/RGBW MULTIZONE REMOTE CONTROLLER							
RECEIVER	 ALI09009	Remote controller driven	To use with below transmitter or with a Wi-Fi router. Several receivers can be synchronized or driven individually. 1 receiver necessary per zone.	3/4 x 5A	3/4 x 60W (12V) 3/4 x 120W (24V)	46 x 178 x 18 mm	-
TRANSMITTERS	 ALI09010	8 zones tactile remote	10 dynamic integrated programs with adjustable speed and pause function. Possibility to create any requested fixed color. 8 zones to be controlled individually.	-	-	59 x 115 x 12 mm	-
	 ALI09011	Tactile wall remote 4 zones	10 dynamic integrated programs with adjustable speed and pause function. Possibility to create any requested fixed color. 4 zones to be controlled individually. 4 memories per zone.	-	-	86 x 86 x 41 mm	-
ROUTER	 ALI09012	WIFI router	Controlling the receiver ALI09009 from an Iphone, iPad or Android system. Free controlling application to download.	-	-	50 x 99 x 20 mm	-
AMPLIFIER							
	 ALI09013	Amplifier	Synchronizing dimming system for big installations.	3/4 x 5A	3/4 x 60W (12V) 3/4 x 120W (24V)	46 x 178 x 18 mm	-



COMPONENTS




LIGHTING CONTROL

STANDARD RANGE
CUSTOM-MADE SET



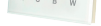


INDIVIDUAL DIMMING AND CONTROLLING SYSTEM FOR EACH PRODUCT

DMX512 controllers and decoders

DMX 512 PROGRAMMABLE CONTROLLERS Dynamic programming scenes with a computer through Easy Stand Alone software

	CODE	DESIGNATION	SPECIFICATIONS	MEMORY	DIMENSION	PRICE
	ALI09014	Wall DMX controller 10 zones Tactile glass Color display	Up to 500 programmable scenes dispatched in 10 zones. Live color control, intensity and speed of the scene. USB connexion with your computer (PC/Mac) for programming. Ethernet connexion for smart phone control through the local network. USB cable and Easy Stand Alone software included.	microSD	106 x 146 x 11 mm	-
	ALI09015	Wall DMX controller Tactile glass LED display	Up to 99 programmable scenes (1 zone). Live color control, and intensity. USB connexion with your computer (PC/Mac) for programming. USB cable and Easy Stand Alone software included.	76K	86 x 110 x 11 mm	-
	ALI01030	DMX controller	Up to 99 programmable scenes (1 zone). USB connexion with your computer (PC/Mac) for programming. USB cable and Easy Stand Alone software included.	64K	88 x 78 x 38 mm	-

DMX CONTROLLERS WITH INTEGRATED PROGRAMS

	CODE	DESIGNATION	SPECIFICATIONS	DIMENSIONS	PRICE
	ALI01023	DMX controller IP65	5 dynamic integrated programs with adjustable speed. Possibility to create fixed color.	244 x 120 x 75 mm	-
	ALI09016	Wall DMX controller 4 zones	10 dynamic integrated programs with adjustable speed and pause function Possibility to create fixed color. 4 zones to be controlled individually. 4 memories per zone.	86 x 86 x 41 mm	-
	ALI09017	Wall DMX controller 4 zones Wi-Fi	Same as ALI09016 but driven by Iphone, iPad, or Android system. Free Controlling application to download.	86 x 86 x 41 mm	-
	ALI09018	10 zones remote DMX controller	To use with ALI09019 transmitter below. 1 controller necessary per zone.	46 x 178 x 18 mm	-
	ALI09019	10 zones remote	10 dynamic integrated programs with adjustable speed and pause function. Possibility to create fixed color. 10 zones to be controlled individually.	44 x 131 x 23 mm	-

RECEIVER
TRANSMIT.

LED FRAME

STANDARD

CONCEPT LED FRAME

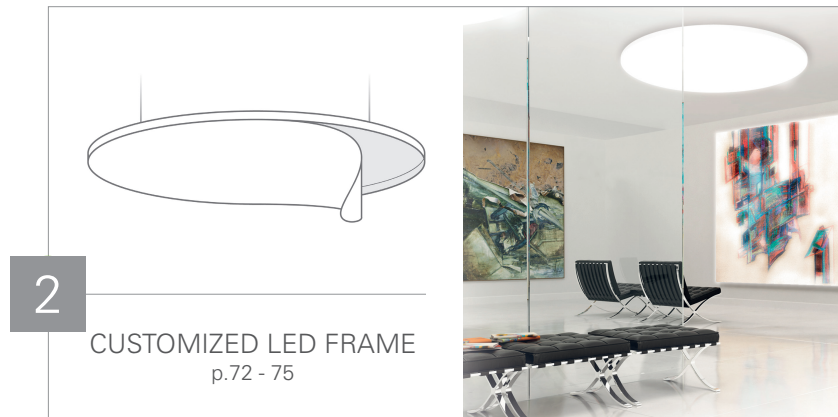
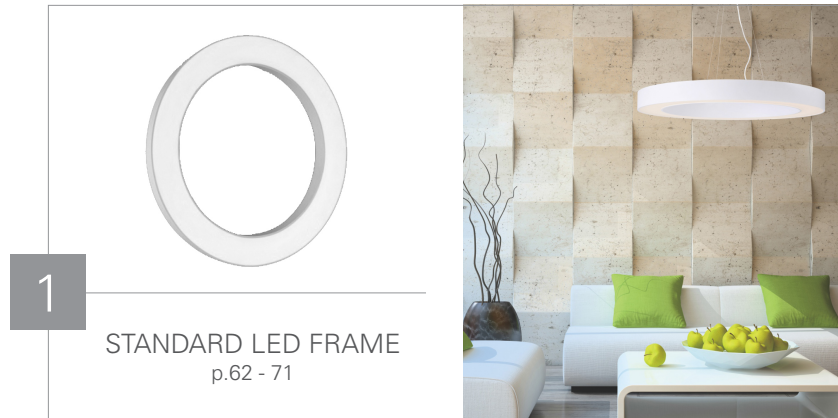


CONCEPT

PAGE 60

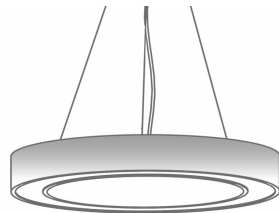
CONCEPT LED FRAME

An innovative and elegant decorative panel



CONCEPT

STANDARD LED FRAME



Different sizes of illuminating modules with acrylic diffuser offering functional lighting, decorative or promotional solutions.



Simple design concept of circular panel fittings to all kinds of space, for high efficient and uniform illumination

CEILING / PENDANT



p.64 - 65

WALL MOUNTED



p.66 - 69

RECESSED



p.70 - 71



STD. LED FRAME
CEILING / PENDANT

LED FRAME





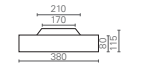





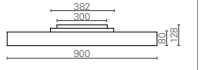


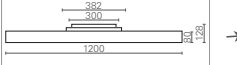

STANDARD

STD. LED FRAME

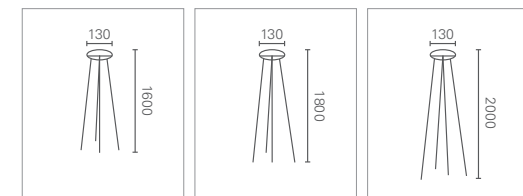
CEILING / PENDANT

3000 K 4000 K




IMAGE	DIMENSION (MM)	COVER SHADE (MM)	POWER	LUMENS	CODE
			13 W	1340 lm	INT12025
			25 W	2680 lm	INT12028
			48 W	4563 lm	INT12031
			110 W	10560 lm	INT12034
			200 W	18670 lm	INT12037

Pendant Kit Accessories



ACC01040

ACC01041

ACC01042

Cover shade accessories are available in *opal* and *opal prismatic* options

LED FRAME

STANDARD



STD. LED FRAME
WALL MOUNTED

CONCEPT

PAGE 66

LED FRAME

STANDARD

STD. LED FRAME

WALL MOUNTED

3000 K 4000 K



IMAGE	DIMENSION (MM)	COVER SHADE (MM)	POWER	LUMENS	CODE
			13 W	1340 lm	INT12040
			25 W	2680 lm	INT12043
			48 W	4563 lm	INT12046
			110 W	10560 lm	INT12049
			200 W	18670 lm	INT12052

Cover shade accessories are available in *opal* and *opal prismatic* options

LED FRAME

STANDARD



STD. LED FRAME
WALL / CEILING MOUNTED

CONCEPT

PAGE 68

LED FRAME

STANDARD

STD. LED FRAME

WALL / CEILING MOUNTED

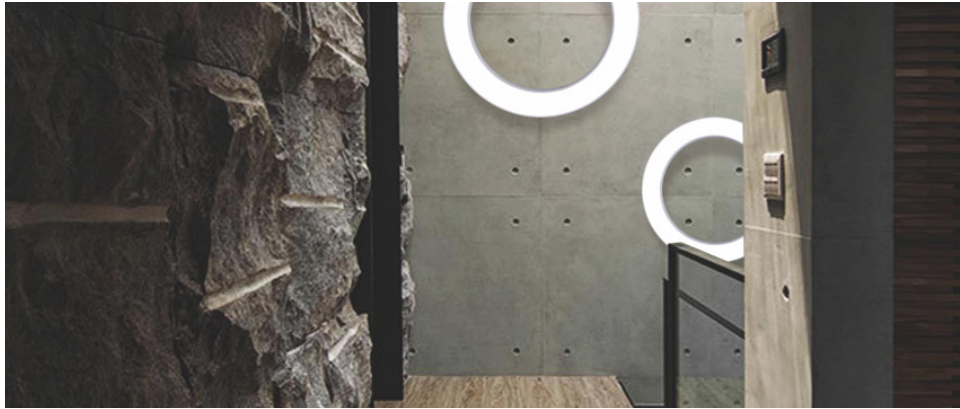


IMAGE	DIMENSION (MM)	COVER SHADE (MM)	POWER	LUMENS	CODE
			36 W	2028 lm	INT12055
			60 W	3187 lm	INT12058
			81 W	4347 lm	INT12061



Decorative pendant ring of different diameter is available on request

Cover shade accessories are available in *opal* and *opal prismatic* options



STD. LED FRAME RECESSED

LED FRAME

STANDARD

STD. LED FRAME

RECESSED

3000 K 4000 K

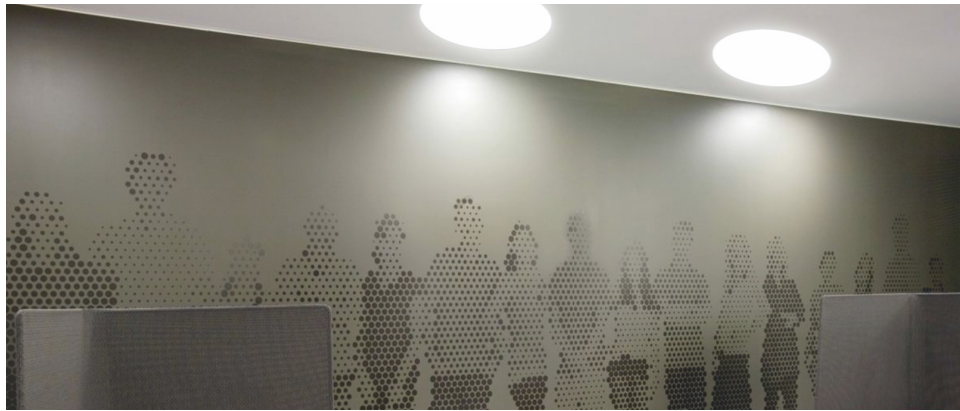















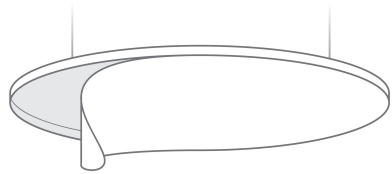


IMAGE	DIMENSION (MM)	COVER SHADE (MM)	POWER	LUMENS	CODE
			13 W	1340 lm	INT12010
			25 W	2680 lm	INT12013
			48 W	4563 lm	INT12016
			110 W	10560 lm	INT12019
			200 W	18670LM	INT12022

Cover shade accessories are available in *opal* and *opal prismatic* options

CONCEPT

CUSTOMIZED LED FRAME



Big size lighting modules with diffusing textile for functional, decorative or promotional applications

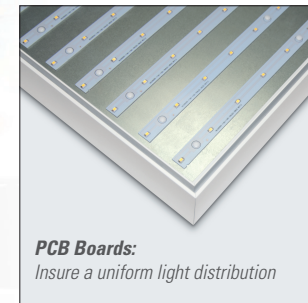


FUNCTIONAL APPLICATIONS



DECORATIVE APPLICATIONS

PROMOTIONAL APPLICATIONS



PCB Boards:
Insure a uniform light distribution



Diffusing textile:
Large sizes, printing possibilities

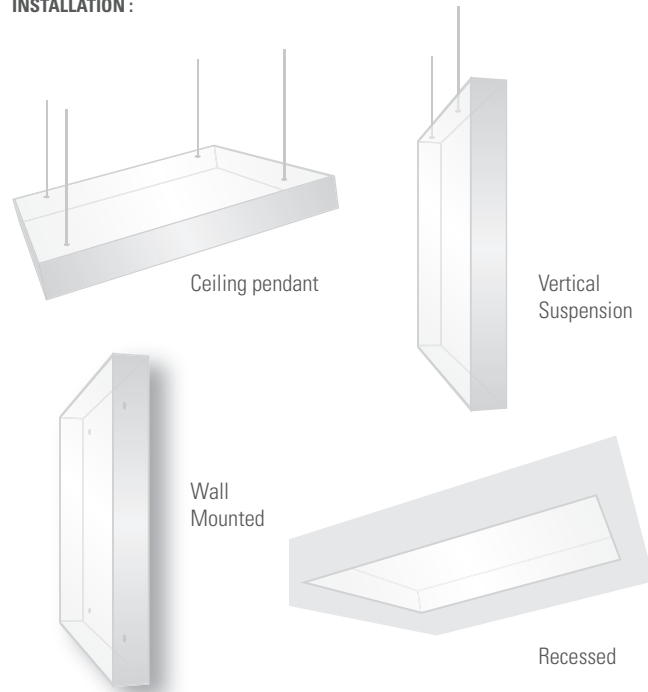


Alu profile:
Simple & light



Printing textile:
On request

INSTALLATION :



LED FRAME CUSTOMIZED MODULES

Minimum order quantity :
See p.75
Lead time :
12 weeks



1200 x 1800 mm (1190 x 1790 mm)



Angle

1200 x 1200 mm (1190 x 1190 mm)



Ø 1600 mm



Ø 1200 mm



Ø 900 mm

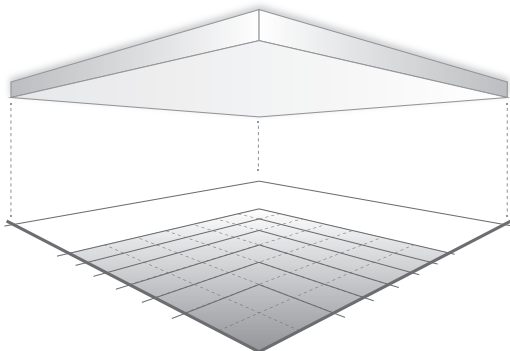
Circular

All modules are delivered complete with all necessary installation accessories

DESIGN & CONCEPT : SWITCH MADE Headquarter

Shape & Dimensions

On request



Light management

Color Temperature : 3000 K • 4000 K • 5000 K



RGB DMX • 1-10 V • DALI



Printing on textile

To your choice constraints: Visual in 300 dpi • CMYK • Scale 1 or 1/2



LED FRAME TECHNICAL DATA

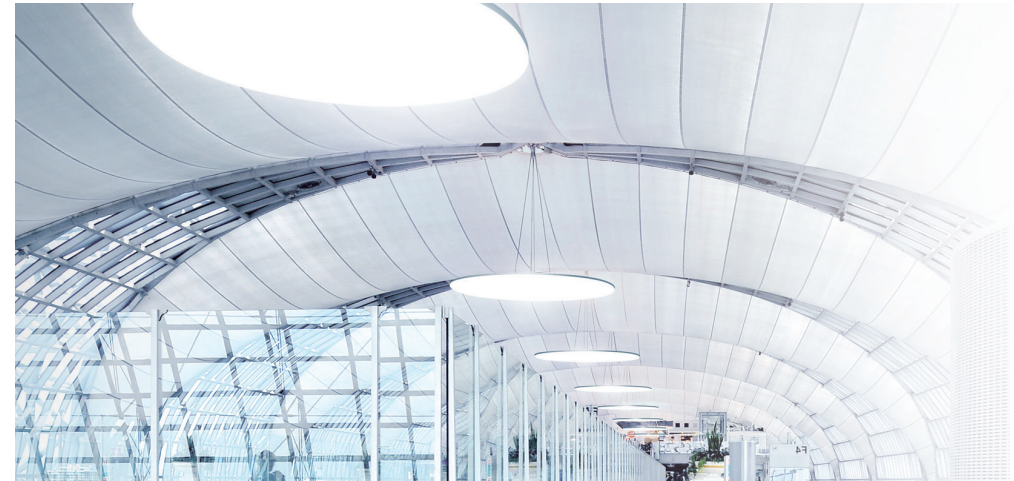
DESIGNATION	DIMENSION	FINISH	POWER	COLOR TEMP.	LUMENS	UGR	VERSION	SUSPENSION	WALL	RECESSED	CODE	MOQ
ANGULAR FRAME 1200 x 1200	1190 x 1190 mm	WHITE • BLACK • SILVER	65 W	4000 K	3200 lm	< 19	ON / OFF	x	x	x	INT01000	10 pieces
ANGULAR FRAME 1200 x 1800	1190 x 1790 mm	WHITE • BLACK • SILVER	130 W	4000 K	6500 lm	< 19	ON / OFF	x	x	x	INT01004	6 pieces
CIRCULAR FRAME Ø900	Ø 900 mm	WHITE • BLACK • SILVER	130 W	4000 K	6500 lm	< 19	ON / OFF	x	x	-	INT01008	12 pieces
CIRCULAR FRAME Ø1200	Ø 1200 mm	WHITE • BLACK • SILVER	150 W	4000 K	7500 lm	< 19	ON / OFF	x	x	-	INT01012	8 pieces
CIRCULAR FRAME Ø1600	Ø 1600 mm	WHITE • BLACK • SILVER	200 W	4000 K	10 000 lm	< 19	ON / OFF	x	-	-	INT01016	6 pieces

Products delivered complete, with standard driver.
For dynamic / dimmable control, on request.

WHITE Finish

BLACK Finish

SILVER Finish



CONCEPT

STANDY & VICE VERSA

An innovative and elegant manner to highlight your offices...

1

STANDY
p.77 - 79



2

VICE VERSA
p.80 - 81



CONCEPT STANDY



Individual lighting solution, self controlled.



CONCEPT STANDY - A

IP20	80 Lm/W	CRI > 85	DIMMABLE 1-10V/DALI Optional	Optional	Anti-glare	Accurate light distribution	3000 K	4000 K	6000 K
------	---------	----------	------------------------------------	----------	------------	-----------------------------	--------	--------	--------

High efficient LED floor lamp with aluminium 6063 lamp body, aluminium alloy die-casted end caps, PMMA diffuser having aesthetic look, high transmittance, light uniformity without shadows and good anti-glare effect, best suitable for offices, schools, hospitals, hotels etc...



Easy switch



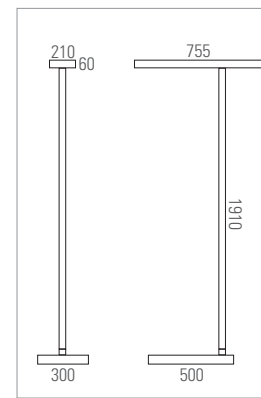
Direct-indirect lighting



PMMA diffuser



Metal base



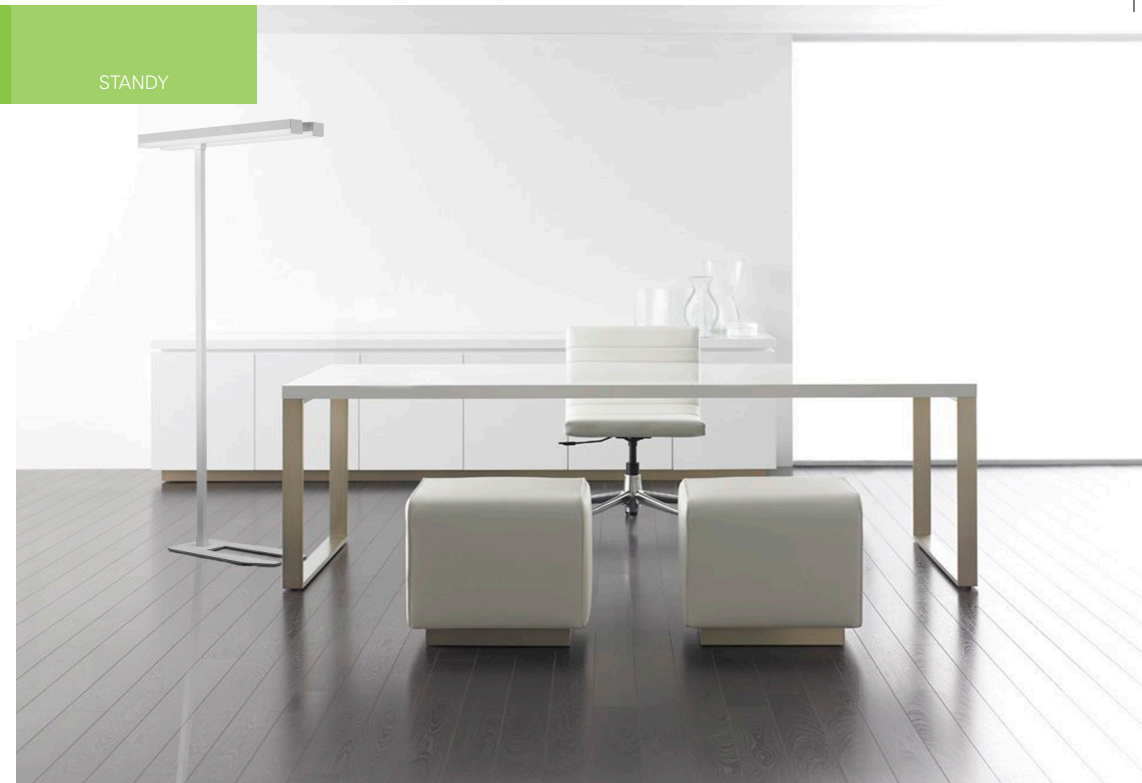
Illuminance Cone Diagram			
1 m	1542.55 lx	Ø 259 cm	
2 m	385.64 lx	Ø 518 cm	
3 m	171.39 lx	Ø 776 cm	
4 m	96.41 lx	Ø 1035 cm	

LIGHTING	POWER	LUMENS	CODE
↑ 15W / ↓ 30W	45 W	↑ 1200 lm / ↓ 2266 lm	INT04196

CONCEPT STANDY - B

IP20	80 Lm/W	CRI > 85	DIMMABLE 1-10V/DALI Optional	Optional	Anti-glare	Accurate light distribution	3000 K	4000 K	6000 K
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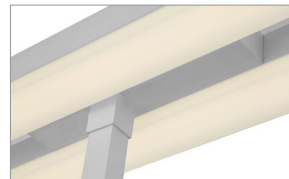
High efficient LED floor lamp with aluminium 6063 lamp body, aluminium alloy die-casted end caps, PMMA diffuser having aesthetic look, high transmittance, light uniformity without shadows and good anti-glare effect, best suitable for offices, schools, hospitals, hotels etc...



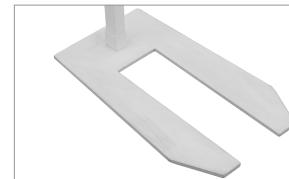
Easy switch



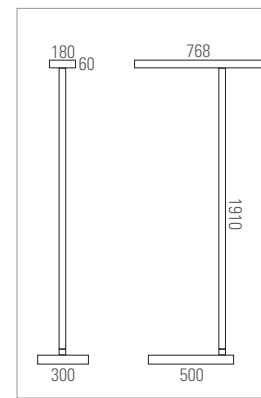
Direct-indirect lighting



PMMA diffuser



Metal base



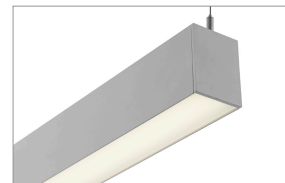
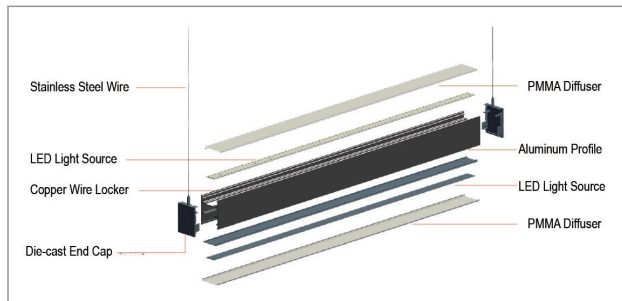
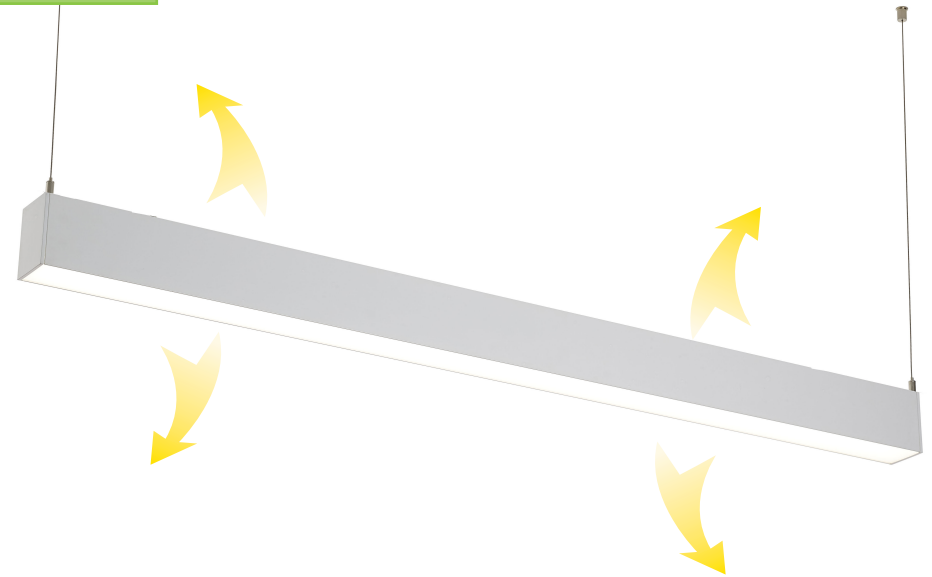
Illuminance Cone Diagram			
1 m	892.89 lx	Ø 401 cm	
2 m	232.22 lx	Ø 801 cm	
3 m	99.21 lx	Ø 1202 cm	
4 m	50.31 lx	Ø 1603 cm	

LIGHTING	POWER	LUMENS	CODE
↑ 15W / ↓ 30W	45 W	↑ 1200 lm / ↓ 3182 lm	INT04198

CONCEPT VICE VERSA - PENDANT

IP20	80 Lm/W	CRI > 85	DIMMABLE 1-10V/DALI Optional			3000 K	4000 K	6000 K
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High efficient LED direct-indirect pendant with aluminium lamp body, die-casting end caps without screws, PMMA diffuser having aesthetic look, high luminousness, light uniformity without shadows and good anti-glare effect, best suitable for offices, schools, hospitals, hotels etc...



Die-cast end caps



Direct-indirect lighting



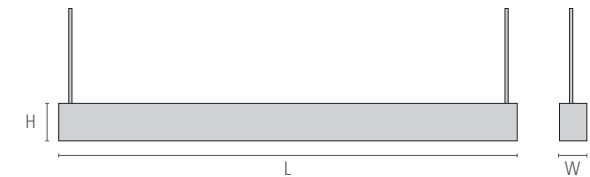
Easy removal



Inter-connectable

Illuminance Cone Diagram			
1 m	933 lx	Ø 232 cm	
2 m	233 lx	Ø 464 cm	
3 m	104 lx	Ø 696 cm	
4 m	50 lx	Ø 928 cm	

DIMENSION (MM)	LIGHTING	POWER	LUMENS	CODE
590 L x 75 W x 98 H	1 7W / ↓ 15W	22 W	↑ 560 lm / ↓ 1200 lm	INT04210
890 L x 75 W x 98 H	1 15W / ↓ 22W	37 W	↑ 1270 lm / ↓ 1900 lm	INT04211
1190 L x 75 W x 98 H	1 15W / ↓ 30W	45 W	↑ 1270 lm / ↓ 2530 lm	INT04213
1490 L x 75 W x 98 H	1 20W / ↓ 40W	60 W	↑ 1680 lm / ↓ 3360 lm	INT04214



CONCEPT VICE VERSA - WALL

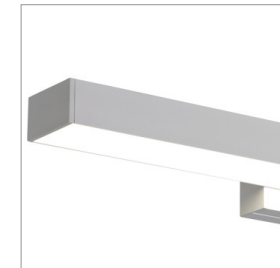
IP20	80 Lm/W	CRI > 85	DIMMABLE 1-10V/DALI Optional			3000 K	4000 K	6000 K
------	---------	----------	------------------------------------	--	--	--------	--------	--------

High efficient LED wall lamp with aluminium 6063 lamp body, aluminium alloy die-casted end caps, PMMA diffuser having aesthetic look, high luminousness, light uniformity without shadows and good anti-glare effect, best suitable for offices, residential, hospitals, hotels etc...



Optional **direct-indirect** version also available

Illuminance Cone Diagram			
1 m	882 lx	Ø 236 cm	
2 m	221 lx	Ø 473 cm	
3 m	98 lx	Ø 709 cm	
4 m	55 lx	Ø 945 cm	

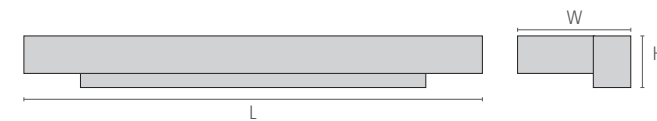


Frosted PMMA diffuser



Die-cast endcaps

DIMENSION (MM)	POWER	LUMENS	CODE
570 L x 75 W x 42 H	15 W	1701 lm	INT04219
850 L x 75 W x 42 H	22 W	2356 lm	INT04220



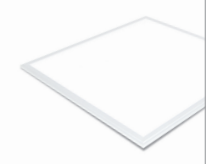


INDOOR INDOOR



SWITCH MADE

INDOOR

Pages 82 to 135

<p>PALAOS Pages 85 to 92</p> 	<p>WALL & CEILING RECESSED Pages 93 to 111</p> 	<p>WALL & CEILING MOUNTED Pages 112 to 123</p> 
<p>TRACK LIGHTS Pages 124 to 131</p> 	<p>TRUNK SYSTEM Pages 132 to 135</p> 	

PALAO



HIGH PERFORMANCE p.87

CLASSIC p.88

IP54/65 p.88

SUPER p.89

SURFACE MOUNTED p.90

CIRCULAR GYPSUM p.91

CIRCULAR 600 p.92

CEILING RECESSED



CENO p.95

TETRA p.96

BAGNO p.97

HOP p.98

PACKY p.99

JUPY p.100

EXCEL p.101

CHROME p.102

ROTOR p.103



MODUL 13 p.104

MODUL 26 p.105



NEVUS p.106



PICOLO p.107



COLOR p.108



SWAT p.109

WALL RECESSED



IROUND p.110



ISQUARE p.110



WASH p.111

CEILING MOUNTED



TRIO p.114

HOBI p.115

RINGO p.116

ECLIPSE p.117

COVE p.118

LINEA p.123

SUSPENDED



ECLIPSE p.117

WALL MOUNTED



ALTER p.120



LEZU p.121

TRACK LIGHT



HAKI p.122

LINEA p.123



ZOOM p.127



CIRCO p.128



COSMO p.129



3C TRACK SYSTEM p.130
- 131

TRUNK SYSTEM



HYPER p.134

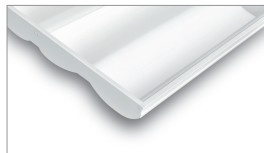
LINE MAX p.135

INDOOR PALAOS

Large range of functional fittings for most of tertiary requirements



HIGH PERFORMANCE p.87
CLASSICAL p.88



IP54/65 p.88
SUPER p.89

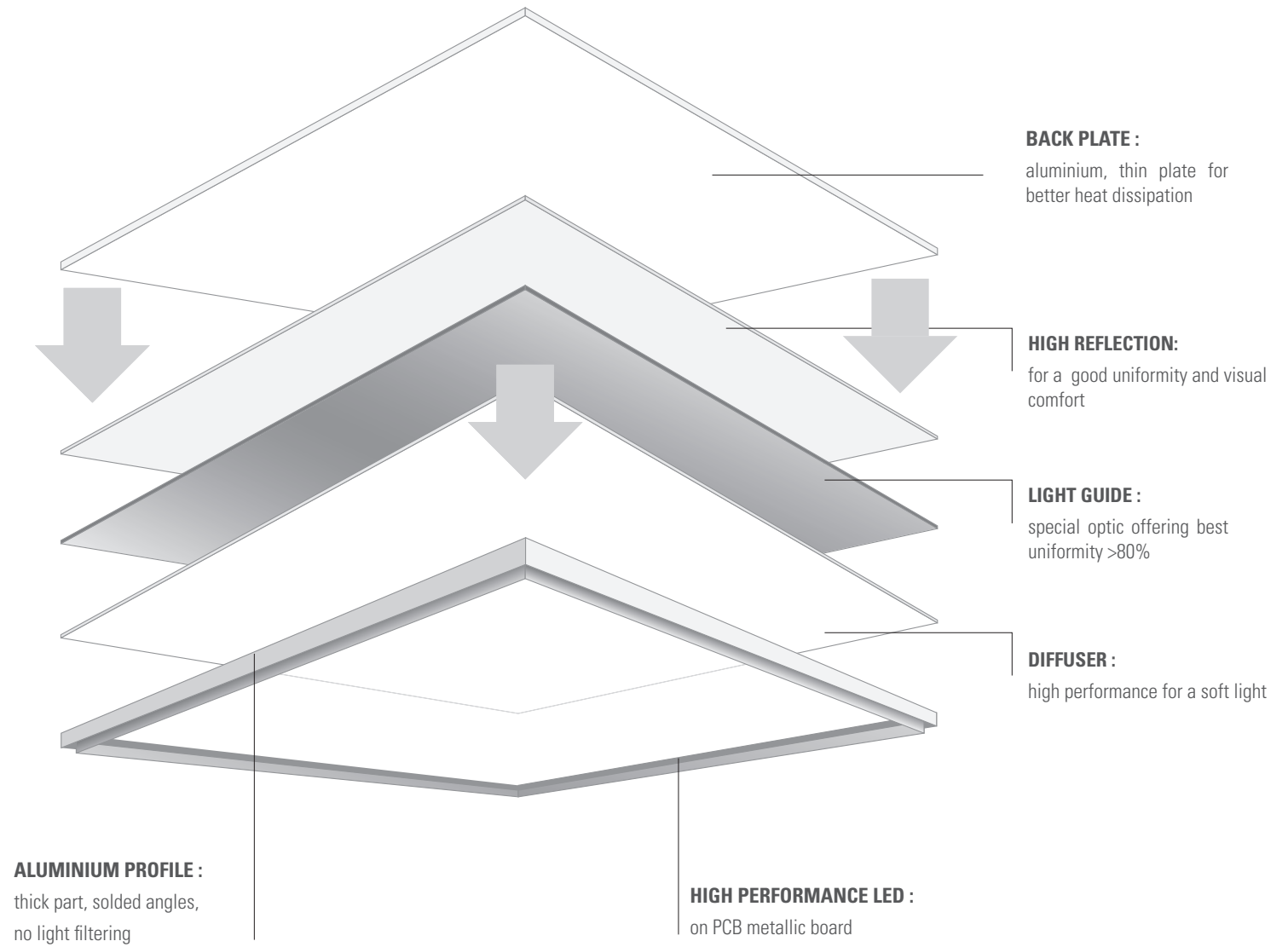
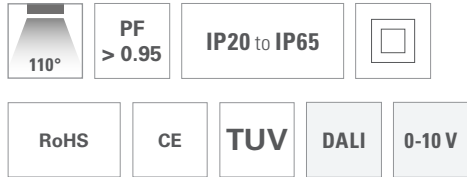


SURFACE MOUNTED p.90
CIRCULAR p.91 - 92



PALAOS

TECHNICAL CHARACTERISTICS



PALAOS

HIGH PERFORMANCE - OPEN CHOICE SELECTION



595 x 595 mm

Example of selection ▶

CODE	POWER	EFFICACY	COLOR TEMP.	CRI	DRIVER
L-6060	<input type="checkbox"/> 26 W	<input type="checkbox"/> 80 lm/W	<input type="checkbox"/> 3000 K	<input checked="" type="checkbox"/> > 80	<input type="checkbox"/> Standard
	<input type="checkbox"/> 30 W	<input type="checkbox"/> 90 lm/W	<input checked="" type="checkbox"/> 4000 K	<input type="checkbox"/> > 90	<input type="checkbox"/> 1-10V
	<input type="checkbox"/> 36 W	<input checked="" type="checkbox"/> 100 lm/W	<input type="checkbox"/> 5000 K		<input checked="" type="checkbox"/> DALI
	<input checked="" type="checkbox"/> 40 W	<input type="checkbox"/> 110 lm/W	<input type="checkbox"/> 6000 K		
	<input type="checkbox"/> 45 W	<input type="checkbox"/> 120 lm/W			
	<input type="checkbox"/> 48 W				
	<input type="checkbox"/> 54 W				
<i>L-6060</i>	<i>40 W</i>	<i>100 lm/W</i>	<i>4000 K</i>	<i>> 80</i>	<i>DALI</i>



295 x 1195 mm

Example of selection ▶

CODE	POWER	EFFICACY	COLOR TEMP.	CRI	DRIVER
L-3012	<input type="checkbox"/> 26 W	<input type="checkbox"/> 80 lm/W	<input type="checkbox"/> 3000 K	<input type="checkbox"/> > 80	<input checked="" type="checkbox"/> Standard
	<input type="checkbox"/> 30 W	<input checked="" type="checkbox"/> 90 lm/W	<input type="checkbox"/> 4000 K	<input checked="" type="checkbox"/> > 90	<input type="checkbox"/> 1-10V
	<input type="checkbox"/> 36 W	<input type="checkbox"/> 100 lm/W	<input checked="" type="checkbox"/> 5000 K		<input type="checkbox"/> DALI
	<input checked="" type="checkbox"/> 40 W	<input type="checkbox"/> 110 lm/W	<input type="checkbox"/> 6000 K		
	<input type="checkbox"/> 45 W	<input type="checkbox"/> 120 lm/W			
	<input type="checkbox"/> 48 W				
	<input type="checkbox"/> 54 W				
<i>L-3012</i>	<i>40 W</i>	<i>90 lm/W</i>	<i>5000 K</i>	<i>> 90</i>	<i>Standard</i>



595 x 1195 mm

Example of selection ▶

CODE	POWER	EFFICACY	COLOR TEMP.	CRI	DRIVER
L-6012	<input type="checkbox"/> 48 W	<input type="checkbox"/> 90 lm/W	<input type="checkbox"/> 3000 K	<input checked="" type="checkbox"/> > 80	<input type="checkbox"/> Standard
	<input type="checkbox"/> 54 W	<input checked="" type="checkbox"/> 100 lm/W	<input checked="" type="checkbox"/> 4000 K	<input type="checkbox"/> > 90	<input checked="" type="checkbox"/> 1-10V
	<input checked="" type="checkbox"/> 60 W		<input type="checkbox"/> 5000 K		<input type="checkbox"/> DALI
	<input type="checkbox"/> 72 W		<input type="checkbox"/> 6000 K		
<i>L-6012</i>	<i>60 W</i>	<i>100 lm/W</i>	<i>4000 K</i>	<i>> 80</i>	<i>1-10V</i>

FEATURES

LIGHTING
4 sided edge lit

HIGH LUMEN LED
SMD4014

LIGHT GUIDE PLATE
2.3mm PMMA

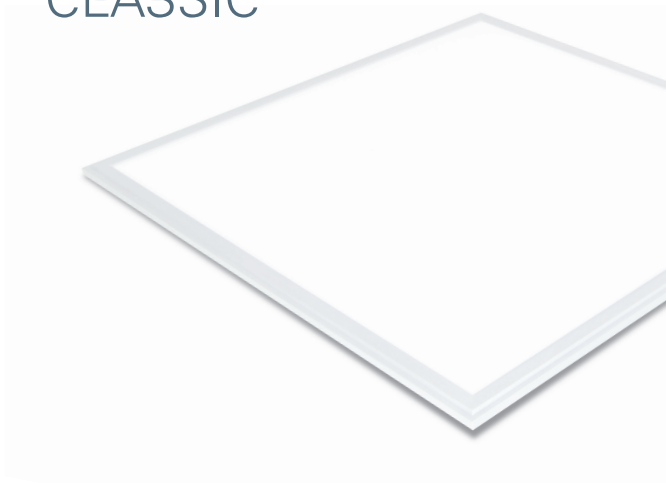
DIFFUSER PLATE
1.2mmPS

IP RATING
IP 40

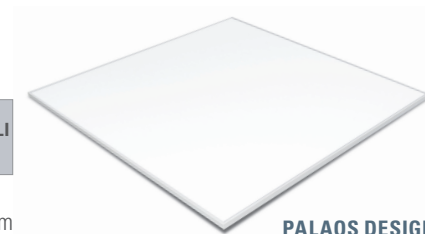
DRIVER
100-240V

WARRANTY
3 Years

PALAOS CLASSIC



	 110°	220-240 ~ 50 Hz	PF > 0.95	IP40	IRC > 80	IK07	1-10V/DALI Optional
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PALAOS DESIGN FRAMELESS
OPTIONAL

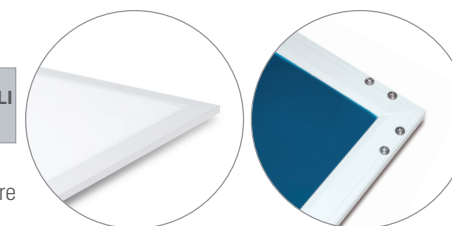
2 sided edge lit, light guide plate 3.0 mm PS, diffuser plate 1.2mm, ultra-slim structure with thickness of 12mm / 10.5mm, optional CCT of 6000K

DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
600 x 600 mm	4000 K	40 watts	3300 lm	INT13251
600 x 600 mm	3000 K	40 watts	3000 lm	INT13252
300 x 1200 mm	4000 K	40 watts	3300 lm	INT13086
600 x 1200 mm	4000 K	60 watts	5000 lm	INT13092

PALAOS IP54/65



 110°	100-277V ~ LED driver IP67		PF > 0.95	IK08	IP54 IP65	100 lm/w	1-10V/DALI Optional
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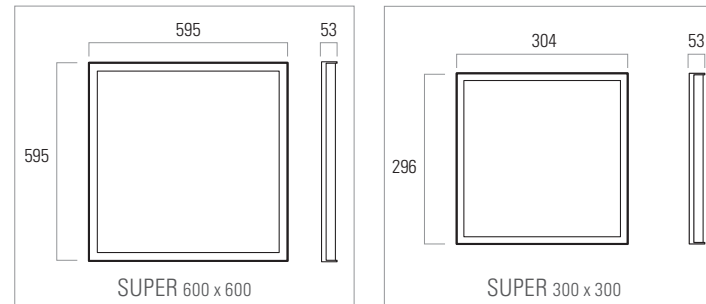
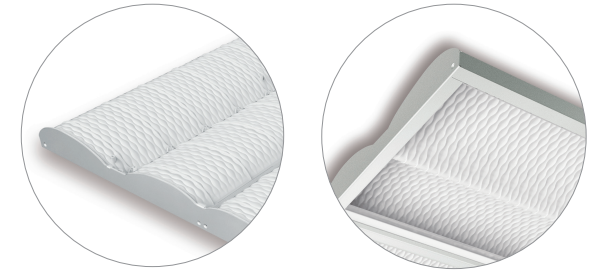
Specially conceived for white chambers, hospital and wet applications, structure thickness of 10mm, optional CCT of 3000K/6000K

DIMENSIONS	COLOR TEMP.	IP	POWER	LUMENS	CODE
600 x 600 mm	4000 K	IP54	39 watts	4000 lm	INT13281
600 x 600 mm	4000 K	IP65	39 watts	4000 lm	INT13263

PALAOS SUPER

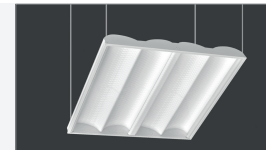


Anodised aluminium structure, polycarbonate, anti-glare patented reflector, protection sheet PMMA, very good heat dissipation, excellent uniformity, 1-10V power supply included, optional 6000K.



DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
600 x 600 mm	4000 K	39 watts	3800 lm	INT13260
600 x 600 mm	3000 K	39 watts	3620 lm	INT13261
300 x 300 mm	4000 K	20 watts	1800 lm	INT13266
300 x 300 mm	3000 K	20 watts	1650 lm	INT13267

HANGING ACCESSORIES



HANGING SET

L.1200 mm maximum
Stainless steel, hanging set,
transparent feed in cable.
ACC05006





PALAOS

SURFACE MOUNTED

ANGULAR



	220-240 ~ 50 Hz	 110°	PF >0.95	IP40	IK06	DIMMABLE DALI/0-10V <i>Optional</i>
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

To be installed on hard ceiling and walls, height: 35mm, steel frame, white finish (RAL9003 matte), optional 6000K.



DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
600 x 600 x 40 mm	4000 K	48 W	4200 lm	INT13324
300 x 300 x 39 mm	4000 K	24 W	1680 lm	INT13320
300 x 300 x 39 mm	3000 K	24 W	1500 lm	INT13321

CIRCULAR



	220-240 ~ 50 Hz	 110°	PF > 0.95	IP40	IK06	DIMMABLE DALI/0-10V <i>Optional</i>
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To be installed on hard ceiling and walls, height: 35mm, steel frame, white finish (RAL9003 matte), optional 6000K.



DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
Ø 600 x 40 mm	4000 K	48 W	4200 lm	INT13360
Ø 300 x 39 mm	4000 K	24 W	1680 lm	INT13310
Ø 300 x 39 mm	3000 K	24 W	1500 lm	INT13311

PALAOS

CIRCULAR GYPSUM



Special BA-13/gypsum recessed slim panel with aluminium frame, white finish having very good heat dissipation offering excellent uniformity, optional 6000K.



CIRCULAR GYPSUM Ø170



DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
Ø 170 x 18 mm	4000 K	12 W	850 lm	INT13067
Ø 170 x 18 mm	3000 K	12 W	760 lm	INT13066

CIRCULAR GYPSUM Ø225



DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
Ø 225 X 18 mm	4000 K	18 W	1375 lm	INT13153
Ø 225 x 18 mm	3000 K	18 W	1225 lm	INT13154

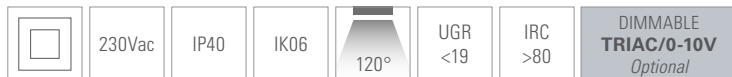
CIRCULAR GYPSUM Ø300



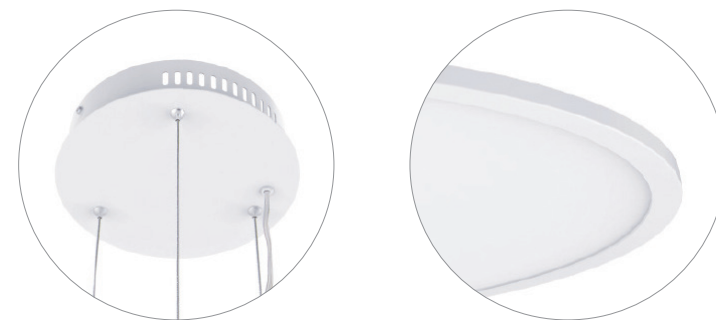
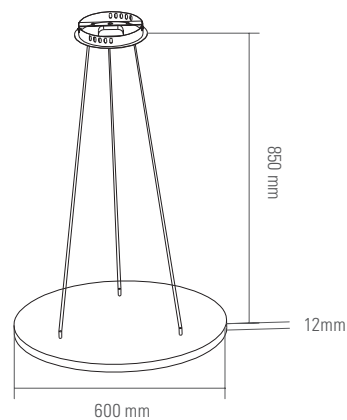
DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
Ø 300 X 18 mm	6000 K	24 W	1890 lm	INT13247
Ø 300 x 18 mm	4000 K	24 W	1870 lm	INT13248
Ø 300 x 18 mm	3000 K	24 W	1690 lm	INT13249

PALAOS

CIRCULAR 600



12mm slim LED panel with options for recessed and pendant applications, aluminium frame, white body finish, having very good heat dissipation, excellent uniformity and optional CBS compatible / 0-10V dimmable driver, optional 6000K



DESIGNATION	DIMENSIONS	COLOR TEMP.	POWER	LUMENS	CODE
CIRCULAR 600 SUSPENDED	600 x 12 mm	4000 K	45 W	3475 lm	INT13230
	600 x 12 mm	3000 K	45 W	3240 lm	INT13231
CIRCULAR 600 RECESSED	600 x 12 mm	4000 K	45 W	3475 lm	INT13240
	600 x 12 mm	3000 K	45 W	3240 lm	INT13241

Recessed



Suspended



INDOOR

WALL & CEILING RECESSED

INDOOR

WALL & CEILING RECESSED



INDOOR

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INDOOR

CEILING & WALL RECESSED

CEILING RECESSED	 CENO p.95	 TETRA p.96	 BAGNO p.97	 HOP p.98	 PACKY p.99	 JUPY p.100	 EXCEL p.101	
	 CHROME p.102	 ROTOR p.103	 MODUL 13 p.104	 MODUL 26 p.105	 NEVUS p.106	 PICOLO p.107	 COLOR p.108	 SWAT p.109
	WALL RECESSED	 IROUND p.110	 ISQUARE p.110	 WASH p.111				

INDOOR

CEILING RECESSED

CENO

	230 Vac	IP44		IK06	IRC > 80	*DIMMABLE 0-10V/DALI
--	---------	------	--	------	----------	-------------------------

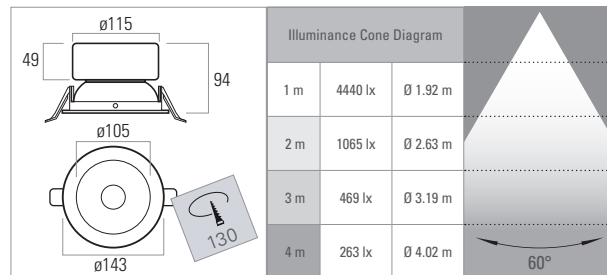
Aluminium body, pleasant and powerful light, CREE LED, very good heat dissipation, anti-glare reflector, dimmable power supply included



CENO 1

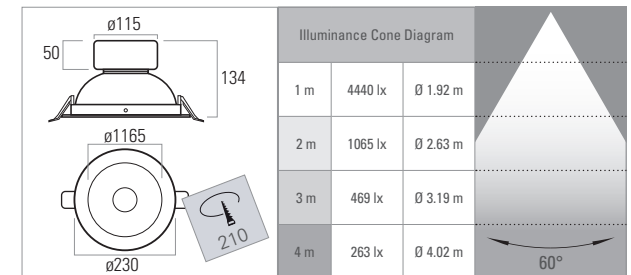


CENO 2



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	50 W	4200 lm	INT04252
3000 K	50 W	4000 lm	INT04253
4000 K	30 W	2800 lm	INT04256
3000 K	30 W	2600 lm	INT04257

STANDARD POWER SUPPLY INCLUDED FOR CENO 50W



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	50 W	4200 lm	INT04254
3000 K	50 W	4000 lm	INT04255
4000 K	30 W	2800 lm	INT04258
3000 K	30 W	2600 lm	INT04259

*DIMMABLE 0-10V/DALI POWER SUPPLY INCLUDED FOR CENO 30W



INDOOR

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INDOOR

CEILING RECESSED

TETRA









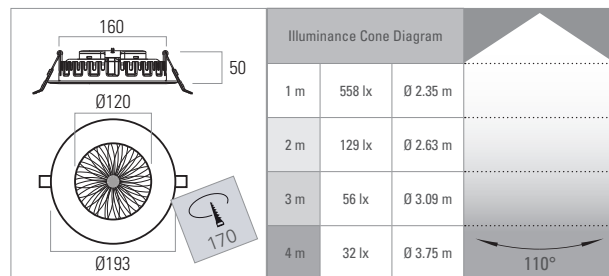
High color rendering, higher reflectivity, good lighting uniformity, easy to install with loop-in out connector, high visual comfort.



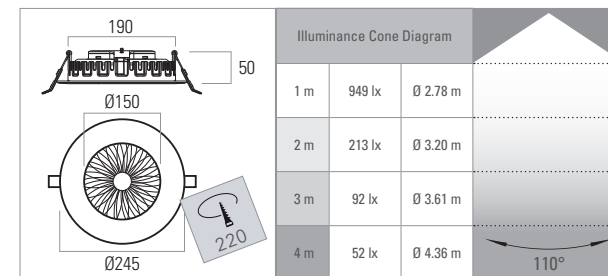
TETRA 1



TETRA 2



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	15 W	1130 lm	INT04410
3000 K	15 W	1050 lm	INT04411



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	24 W	2000 lm	INT04412
3000 K	24 W	1850 lm	INT04413



INDOOR

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INDOOR

CEILING RECESSED

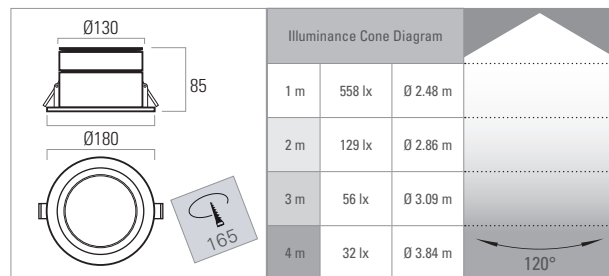
BAGNO

		IP65	RAL9003 MATTE	IK07	IRC >80	*DIMMABLE 0-10V
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High quality downlight, satin anodized aluminium. delivered with its connection cable and standard driver. white finishing for this IP rated solution, SS brackets.



BAGNO 16

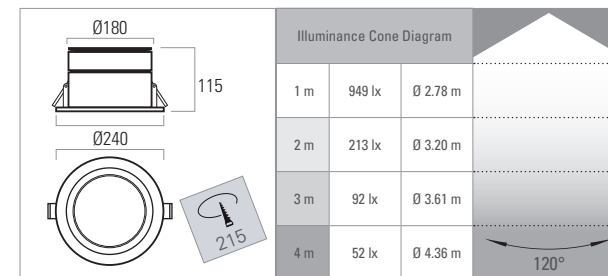


COLOR TEMP.	POWER	LUMENS	CODE
4000 K	16 W	1350 lm	INT04295
3000 K	16 W	1280 lm	INT04296

STANDARD POWER SUPPLY INCLUDED FOR BAGNO 16



BAGNO 25



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	25 W	2130 lm	INT04297
3000 K	25 W	2000 lm	INT04298

* DIMMABLE 0-10V POWER SUPPLY INCLUDED FOR BAGNO 25

INDOOR

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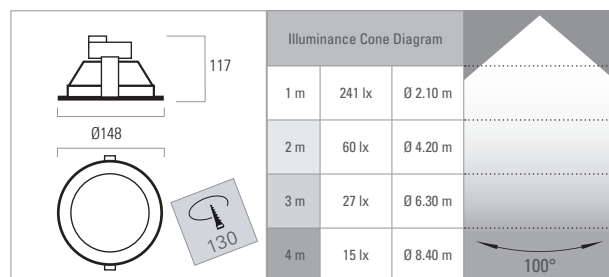
HOP

	230 Vac	100°	IP40	UGR 19	IK06	IRC >80	DIMMABLE 0-10V
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Steel / aluminium body, frosted diffuser offering less glare rating, white finish, 0-10V dimmable power supply included, high price/quality connection, optional CCT 5000K/6000K.



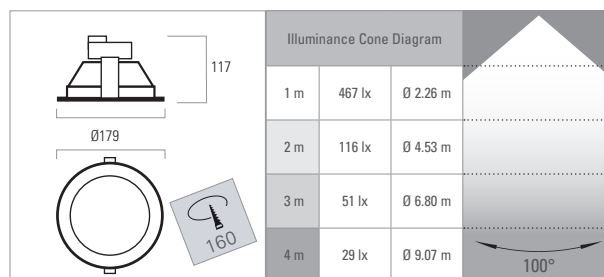
HOP 8



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	8 W	750 lm	INT04278
3000 K	8 W	620 lm	INT04279



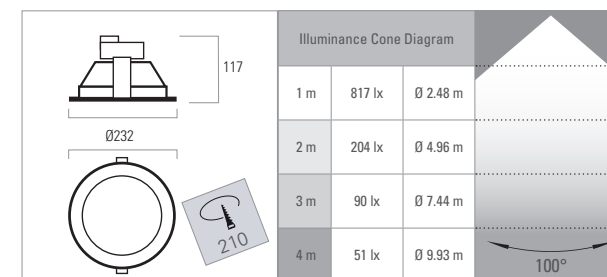
HOP 15



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	15 W	1200 lm	INT04276
3000 K	15 W	1080 lm	INT04277



HOP 25



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	25 W	2400 lm	INT04273
3000 K	25 W	2160 lm	INT04274

PACKY

		IP44	PF >0.9	IK06	IRC >80	DIMMABLE DALI/0-10V Optional
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Very slim downlight adopts high lumen SMD LED, PMMA diffuser with uniform light output, also available in 7W, 10W, 25W & 45W versions; with optional surface finish in white, silver & chrome.



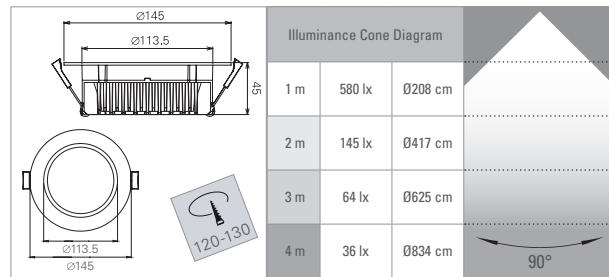
PACKY 13



PACKY 18

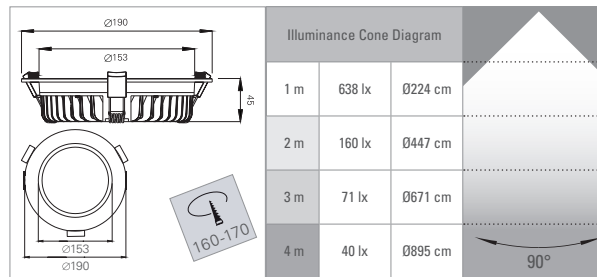


PACKY 35



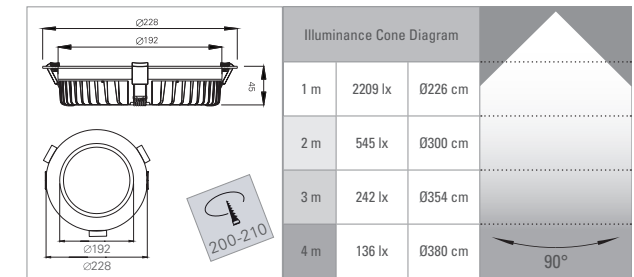
COLOR TEMP.	POWER	LUMENS	CODE
5700 K	13 W	1200 lm	INT04302
4000 K	13 W	1190 lm	INT04303
3000 K	13 W	1050 lm	INT04304

OPTIONAL DRIVER: 0-10V



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	18 W	1800 lm	INT04312
4000 K	18 W	1750 lm	INT04313
3000 K	18 W	1650 lm	INT04314

OPTIONAL DRIVER: 0-10 / DALI





COLOR TEMP.	POWER	LUMENS	CODE
5700 K	35 W	3500 lm	INT04322
4000 K	35 W	3400 lm	INT04323
3000 K	35 W	3080 lm	INT04324

OPTIONAL DRIVER: 0-10 / DALI

INDOOR

CEILING RECESSED

JUPY

		IP44	PF >0.9	IRC >80	DIMMABLE DALI/0-10V Optional
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Well finished COB high power downlight, best quality/performance and price positioning, aluminium ADC12 body offering better heat dissipation, isolated driver, with optional wattage in 13W & 18W versions



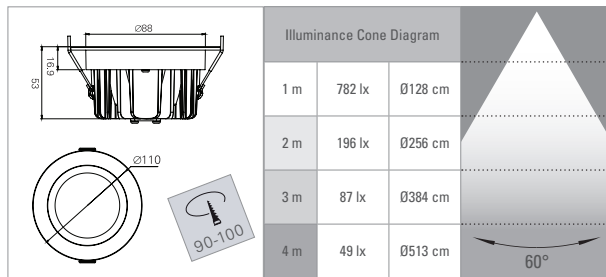
JUPY 10



JUPY 25

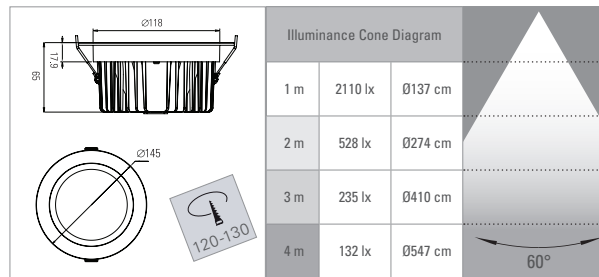


JUPY 35



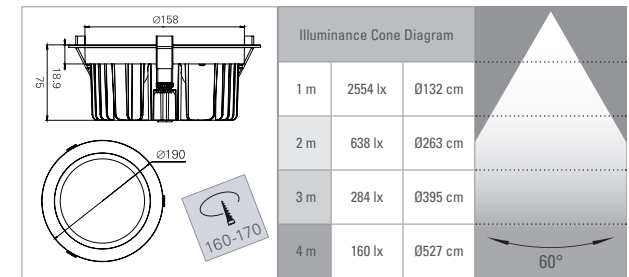
COLOR TEMP.	POWER	LUMENS	CODE
5700 K	10 W	850 lm	INT04335
4000 K	10 W	780 lm	INT04336
3000 K	10 W	740 lm	INT04337

OPTIONAL CCT: 2700K / 5000K



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	25 W	2590 lm	INT04345
4000 K	25 W	2550 lm	INT04346
3000 K	25 W	2520 lm	INT04347

OPTIONAL CCT: 2700K / 5000K, BEAM OPTION: 38° / 60°



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	35 W	3460 lm	INT04355
4000 K	35 W	3430 lm	INT04356
3000 K	35 W	3320 lm	INT04357

OPTIONAL CCT: 2700K / 5000K, BEAM OPTION: 38° / 60°

INDOOR

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INDOOR

CEILING RECESSED

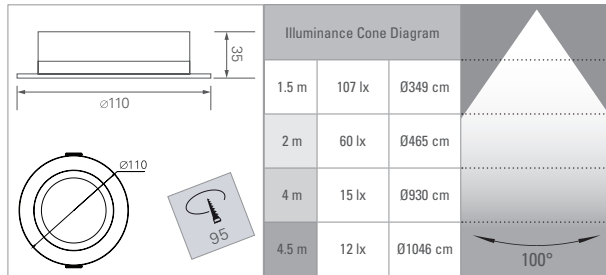
EXCEL



Best choice for wet applications with strong die cast aluminium body, SMD2835, PC diffuser; with dimmable and color temperature adjustable features, SS brackets, optional IP20 / IP44 version also available.



EXCEL 13



COLOR TEMP.	POWER	LUMENS	CODE
2700-6500 K	13W	1300 lm (6000K)	INT04415



LIGHTING CONTROL / COLOR TUNING MODE

INDOOR

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INDOOR

CEILING RECESSED

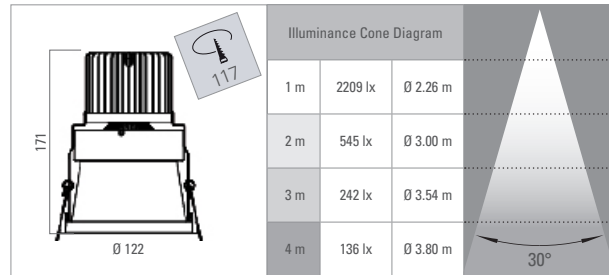
CHROME

	200-240 Vac	30°	IP20	CITIZEN LED	PF >0.9	IRC >80	DIMMABLE DALI/0-10V <i>Optional</i>
--	-------------	-----	------	-------------	---------	---------	-------------------------------------

Indoor deep recessed downlight, die-cast aluminium body, aluminium trim, reflector finish available in white/silver/black, bezel finish in black/white, anodized aluminium reflector (CHROME-R) / PC reflector (CHROME-S), aluminium forging heat sink offering better heat dissipation, also available in 13W range.

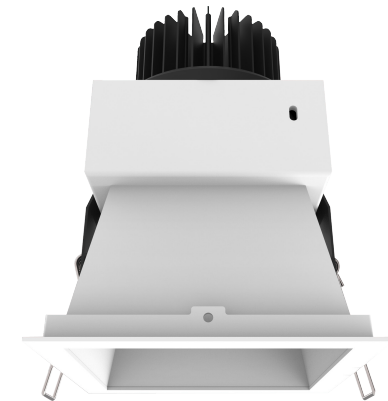


CHROME-R

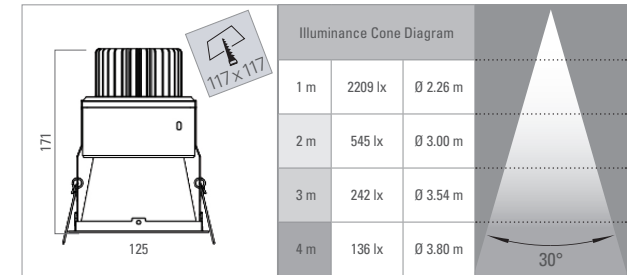


COLOR TEMP.	POWER	LUMENS	CODE
4000 K	26 W	2994 lm	INT04350
3000 K	26 W	2897 lm	INT04351

White	Silver	Black
REFLECTOR / TRIM		



CHROME-S



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	26 W	2994 lm	INT04353
3000 K	26 W	2897 lm	INT04354

INDOOR

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ROTOR










Elegant downlight, ADC 12 die cast aluminium body for best heat dissipation, high quality citizen COB LED, swivel 350°, white finish, optional 15W / 20W & CCT 2700K.



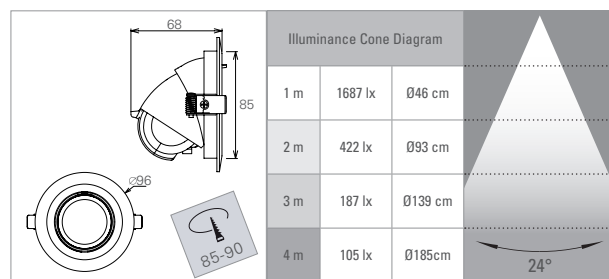
ROTOR 10



ROTOR 35

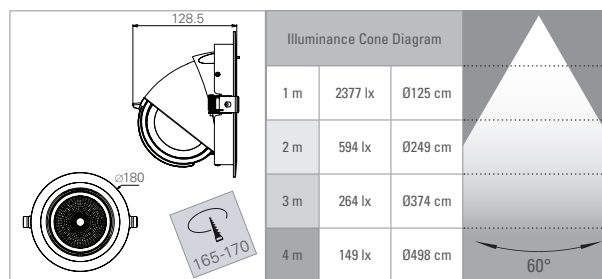


ROTOR 45



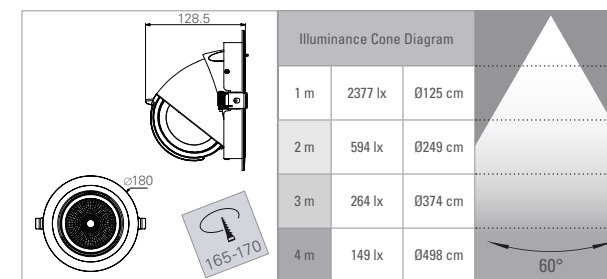
COLOR TEMP.	POWER	LUMENS	CODE
5000 K	10W	800 lm	INT04460
4000 K	10W	780 lm	INT04461
3000 K	10W	750 lm	INT04462

BEAM OPTION: 15° / 24° OPTIONAL DRIVER : 0-10V



COLOR TEMP.	POWER	LUMENS	CODE
5000 K	35W	3550 lm	INT04470
4000 K	35W	3500 lm	INT04471
3000 K	35W	3400 lm	INT04472

BEAM OPTION: 24° / 60° OPTIONAL DRIVER : 0-10V / DALI



COLOR TEMP.	POWER	LUMENS	CODE
5000 K	45W	4350 lm	INT04480
4000 K	45W	4150 lm	INT04481
3000 K	45W	4100 lm	INT04482

BEAM OPTION: 24° / 60° OPTIONAL DRIVER : 0-10V / DALI

MODUL 13

	100-240 Vac			IP20	CITIZEN LED	PF >0.9	IRC >80	DIMMABLE DALI/0-10V <i>Optional</i>
--	-------------	--	--	------	-------------	---------	---------	---

Multi-functional recessed gimbal downlight, die-cast aluminium body, steel bracket, anodized aluminium reflector, forged aluminium heat sink, better heat dissipation, tiltable 0-30°, also available trimless option and CCT 2700K, body finish in white/black.



MODUL 13 - I

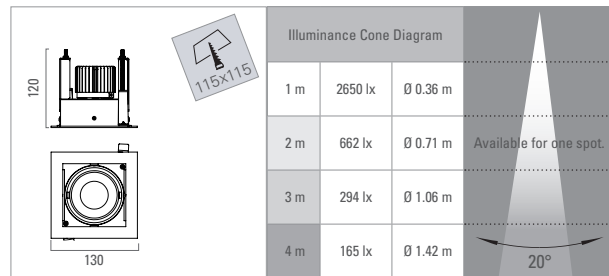


MODUL 13 - II

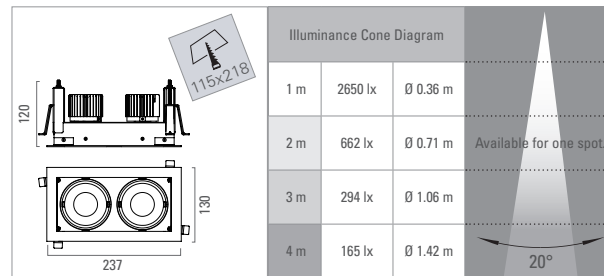


MODUL 13 I-II-III TRIMLESS
OPTIONAL RANGE AVAILABLE

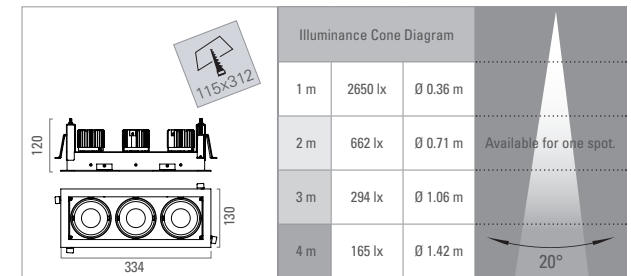
MODUL 13 - III



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	13 W	1576 lm	INT04330
3000 K	13 W	1524 lm	INT04331



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	2 x 13 W	2 x 1576 lm	INT04340
3000 K	2 x 13 W	2 x 1524 lm	INT04341



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	3 x 13 W	3 x 1576 lm	INT04360
3000 K	3 x 13 W	3 x 1524 lm	INT04361

BEAM OPTION: 20°/40° OPTIONAL DRIVER: 1-10/DALI

INDOOR

CEILING RECESSED

MODUL 26

	100-240 Vac				IP20	CITIZEN LED	PF >0.9	IRC >80	DIMMABLE DALI/0-10V <i>Optional</i>
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Multi-functional recessed gimbal downlight, die-cast aluminium body, steel bracket, anodized aluminium reflector, forged aluminium heat sink, also available trimless option, body finish in white/black, tiltable 0-30°, additional mounting accessories like honeycomb louver/snoot-reflector/prismatic-glass diffuser, optional 40W range also available.



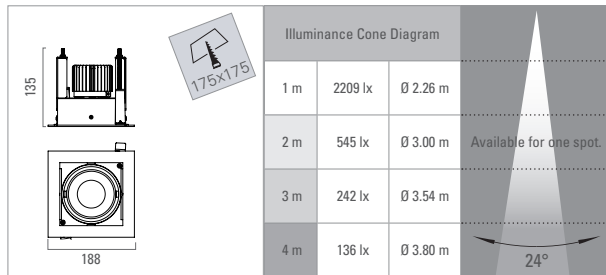
MODUL 26 - I



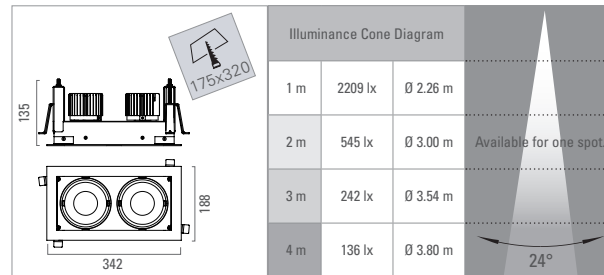
MODUL 26 - II



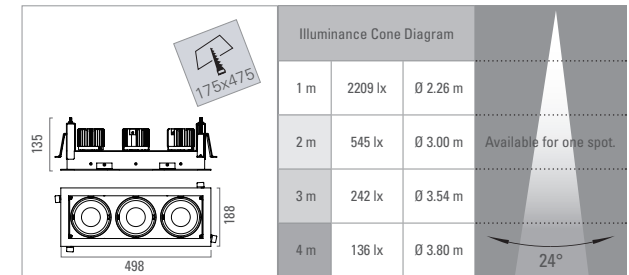
MODUL 26 I-II-III TRIMLESS
OPTIONAL RANGE AVAILABLE



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	26 W	2994 lm	INT04333
3000 K	26 W	2897 lm	INT04334



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	2 x 26 W	2 x 2994 lm	INT04343
3000 K	2 x 26 W	2 x 2897 lm	INT04344



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	3 x 26 W	3 x 2994 lm	INT04363
3000 K	3 x 26 W	3 x 2897 lm	INT04364

BEAM OPTION: 12°/24°/40° OPTIONAL DRIVER: 1-10 / DALI

INDOOR

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INDOOR

CEILING RECESSED

NEVUS

	230 Vac	38°	IP20 IP65	IK06	IRC >82	DIMMABLE DALI/0-10V Optional
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Dimmable LED spotlight, tilt 38° (except NEVUS IP65), finish white, black and aluminium, standard power supply included, wide ring, anti-glare optic



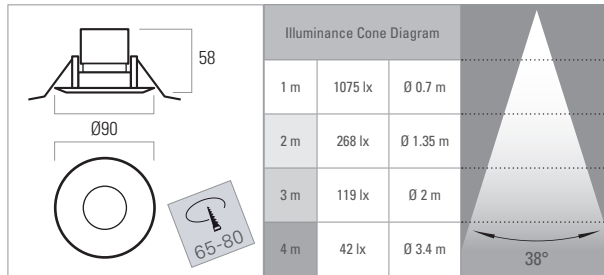
NEVUS 8 - IP65



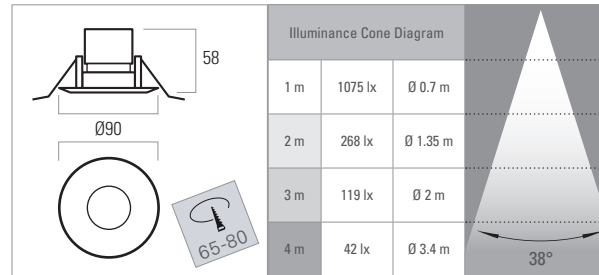
NEVUS 8 - IP20



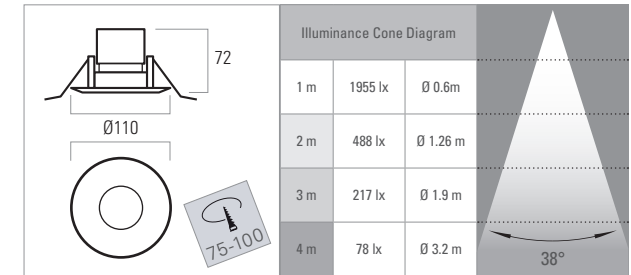
NEVUS 13 - IP20



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	8 W	625 lm	INT10018
3000 K	8 W	575 lm	INT10019



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	8 W	625 lm	INT10012
3000 K	8 W	575 lm	INT10016



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	13 W	1100 lm	INT10020
3000 K	13 W	1000 lm	INT10021

INDOOR

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INDOOR

CEILING RECESSED

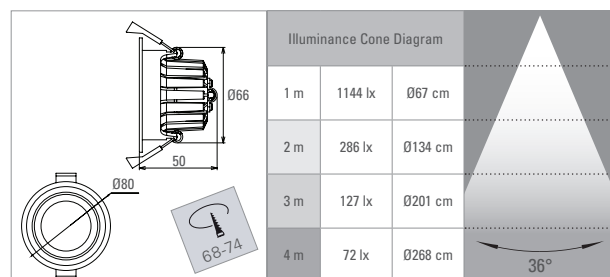
PICOLO

	230 Vac				IP54	PF >0.9	IRC >80	DIMMABLE TRIAC
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Mini COB LED spot light, with different beam options, PC reflector, waterproof structural design ideal for damp locations with optional beam of 24°/36°/60° & CCT 2700K (8W, 530 lm), also available in 5W version and color changing model in 8W (2000K-2800K, 400 lm)



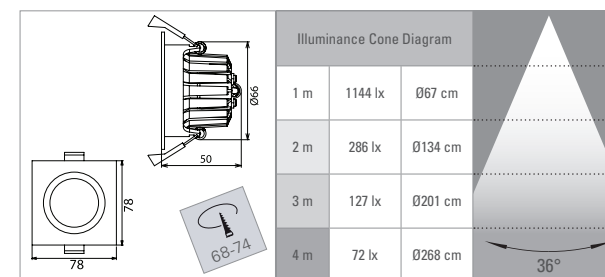
PICOLO 8 ROUND



COLOR TEMP.	POWER	LUMENS	CODE
5000 K	8 W	680 lm	INT04420
4000 K	8 W	650 lm	INT04421
3000 K	8 W	600 lm	INT04422



PICOLO 8 SQUARE



COLOR TEMP.	POWER	LUMENS	CODE
5000 K	8 W	680 lm	INT04430
4000 K	8 W	650 lm	INT04431
3000 K	8 W	600 lm	INT04432



INDOOR

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INDOOR

CEILING RECESSED

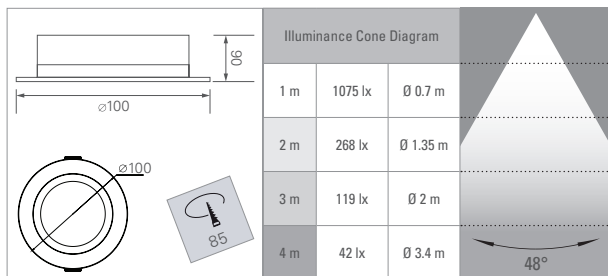
COLOR



Special PMMA light material, aluminium body, better heat disipation, anti glare optic, special for bathrooms and wet areas; with optional white, black, satin nickel & chrome finish, optional CCT 3000K & 6000K.



COLOR IP20 ORIENTABLE 30°

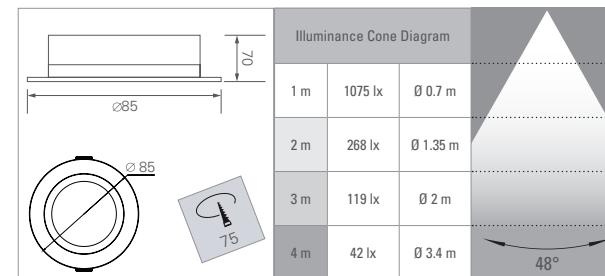


COLOR TEMP.	POWER	LUMENS	CODE
4000 K	8W	560 lm	INT04450



IP65

COLOR IP65 FIXED



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	8W	560 lm	INT04440



INDOOR

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INDOOR

CEILING RECESSED

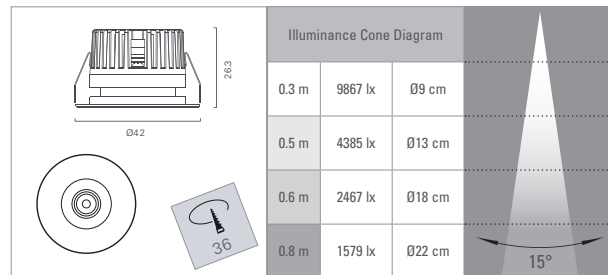
SWAT

	220-240 Vac	IP20			PF >0.95	IRC >80	86 lm/W
--	----------------	------	--	--	-------------	------------	------------

Recessed mini spot light which hides the light source but generates very efficient light which directs customers attention, good color rendering, injection plastic lens achieving concentrated beam angle, adjustable swivel lamp head, available in silver/black finishes, best suitable for showcase lighting in jewelry, watches, luxury goods as accentuation spots.



SWAT 1

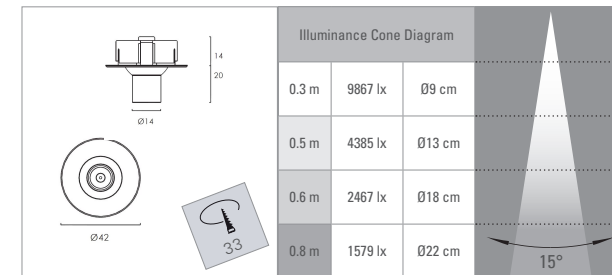


COLOR TEMP.	POWER	LUMENS	CODE
4000 K	1.4 W	120 lm	INT10050

BEAM OPTION: 15° / 25°, OPTIONAL CCT: 3000K/5000K
POWER SUPPLY & JUNCTION BOX TO BE ORDERED SEPARATELY



SWAT 2



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	1.4 W	90 lm	INT10051

OPTIONAL CCT: 3000K/5000K
POWER SUPPLY & JUNCTION BOX TO BE ORDERED SEPARATELY



INDOOR

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INDOOR

WALL RECESSED

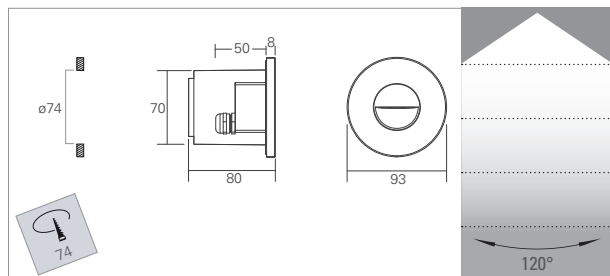
IROUND - ISQUARE

	230 Vac		120°	IP65	IRC >80		PF >0.9
--	---------	--	------	------	---------	--	---------

Indoor/outdoor wall recessed light, elegant & harmonious lighting, compact design, die-cast aluminium body, tempered glass, steel bracket, M12 cable gland, delivered with 15cm cable & recess mounting pot, available in white/black/grey finish, power supply included, best suitable for staircase & passageway.



IROUND



COLOR TEMP.	POWER	LUMENS	CODE
3000 K	3.3 W	261 lm	INT03071

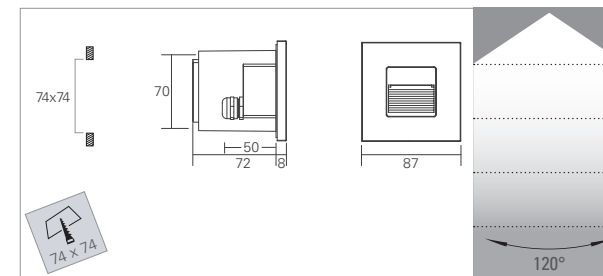


INDOOR

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ISQUARE



COLOR TEMP.	POWER	LUMENS	CODE
3000 K	3.3 W	290 lm	INT03074

WASH

	230 Vac			IP54	UGR 19	IK02	IRC >80	ADC12 ALU
---	---------	--	---	------	--------	------	---------	-----------



This step light either for indoor or outdoor application use simple and well finished reflector made of high-reflectivity aluminium, anti-aging, transmittance 90%, ADC12 die-cast aluminium body, tempered glass diffuser, also available in 8W (200x135x32mm) and CCT of 5000K / 5700K.



WASH 1



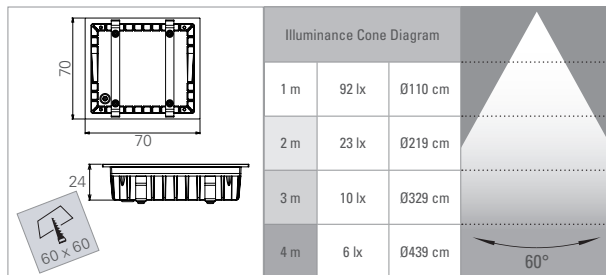
WASH 2



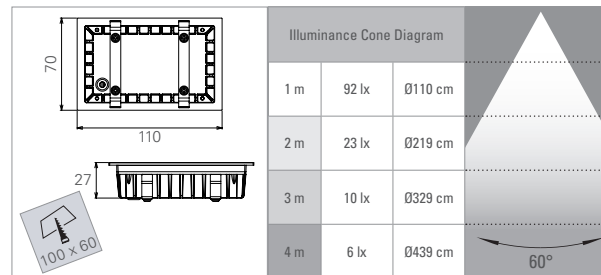
WASH 4 8W
OPTIONAL



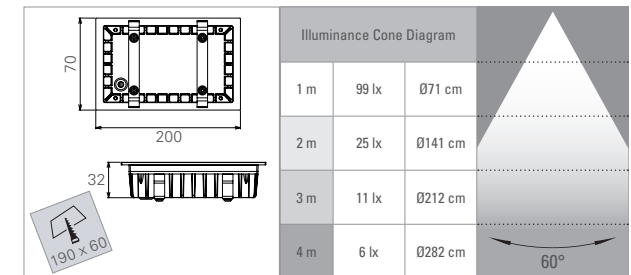
WASH 3



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	3 W	165 lm	INT03030
3000 K	3 W	160 lm	INT03031



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	3 W	165 lm	INT03033
3000 K	3 W	160 lm	INT03034



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	3 W	185 lm	INT03036
3000 K	3 W	180 lm	INT03037

INDOOR

WALL & CEILING MOUNTED

INDOOR

WALL & CEILING MOUNTED



INDOOR

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INDOOR

WALL & CEILING MOUNTED

CEILING MOUNTED	 <p>IP54</p> <p>TRIO p.114</p>	 <p>IP44</p> <p>HOBİ p.115</p>	 <p>IP54</p> <p>RINGO p.116</p>	 <p>ECLIPSE p.117</p>	 <p>COVE p.118-119</p>	 <p>IP44</p> <p>LINEA p.123</p>
SUSPENDED	 <p>ECLIPSE p.117</p>	WALL MOUNTED	 <p>IP65</p> <p>ALTER p.120</p>	 <p>IP54</p> <p>LEZU p.121</p>	 <p>IP65</p> <p>HAKI p.122</p>	 <p>IP44</p> <p>LINEA p.123</p>

INDOOR

CEILING MOUNTED

TRIO

	100-240 Vac	 120°	IP54	IK08	IRC >80	PF >0.9	DIMMABLE TRIAC
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IP54

High efficient surface mounted luminaire with PC material for this strong bulkhead, V0 fire-rated PC diffuser, IP54 waterproof structural design, suitable for damp locations, proposing several optional features



TRIO 12



Daylight
illuminance <10 lx, 30 sec



Sensor
140° 5~7m
30 sec



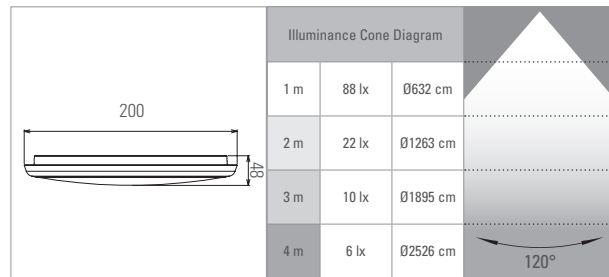
Emergency
3hrs battery back-up



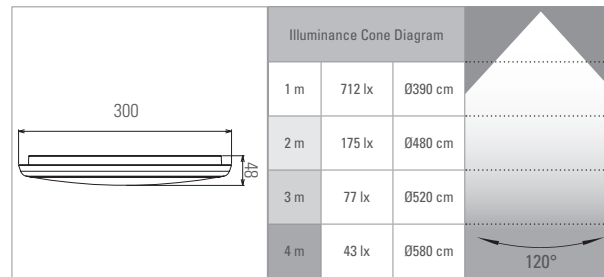
TRIO 25



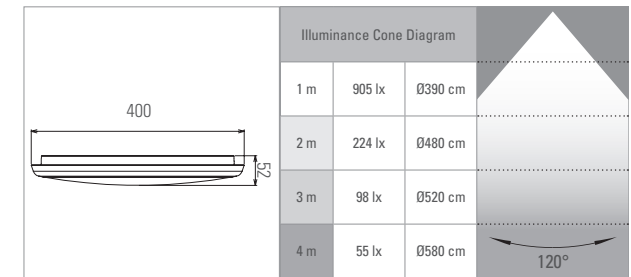
TRIO 30



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	12W	1100 lm	INT06010
4000 K	12W	1120 lm	INT06011
3000 K	12W	1020 lm	INT06012



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	25W	2200 lm	INT06020
4000 K	25W	2150 lm	INT06021
3000 K	25W	2000 lm	INT06022



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	30W	2640 lm	INT06040
4000 K	30W	2550 lm	INT06041
3000 K	30W	2450 lm	INT06042

Please consult us for **DAYLIGHT**, **MICROWAVE SENSOR** and **EMERGENCY** options

INDOOR

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HOBİ

	230 Vac	120°	IP44	SMD 5630	IRC >80	PF >0.9	SAMSUNG LED
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LED bulkhead with polycarbonate diffuser, aluminium base, white ring, offering uniform lighting, low glare rating, built-in power supply



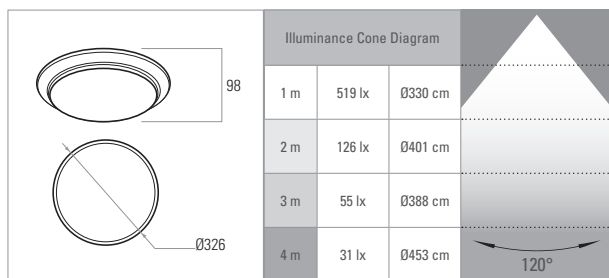
HOBİ 18



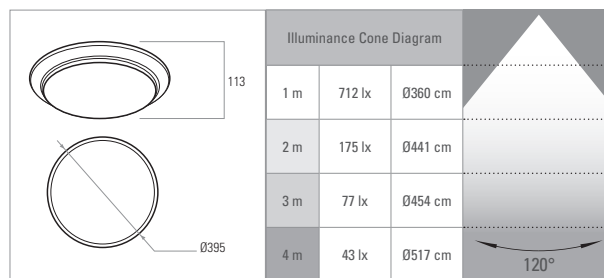
HOBİ 24



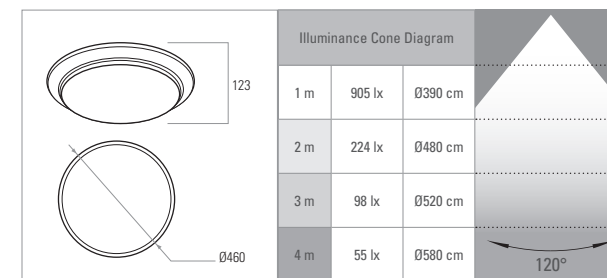
HOBİ 30



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	18 W	1000 lm	INT06065



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	24 W	1350 lm	INT06066



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	30 W	1750 lm	INT06067

INDOOR

CEILING MOUNTED

RINGO

Surface mounted COB LED downlight, AL6063 aluminium body with oxidation treatment provides corrosion resistance and suitable for wet areas, built-in driver, white/black finish, optional CCT 5000K & 10W version also available

White Black



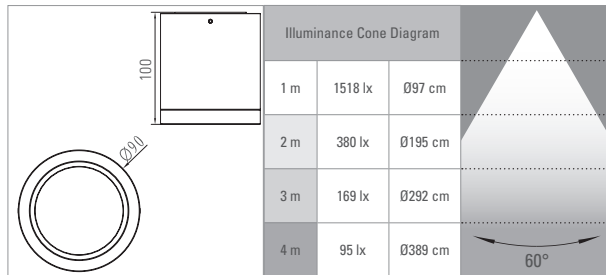
RINGO 15



RINGO 25

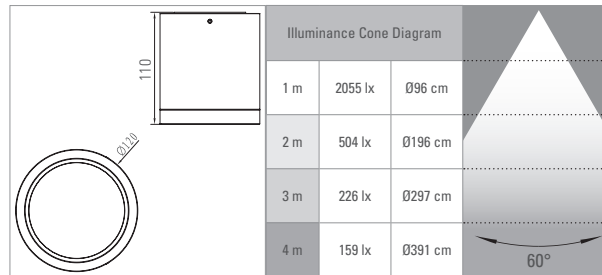


RINGO 35



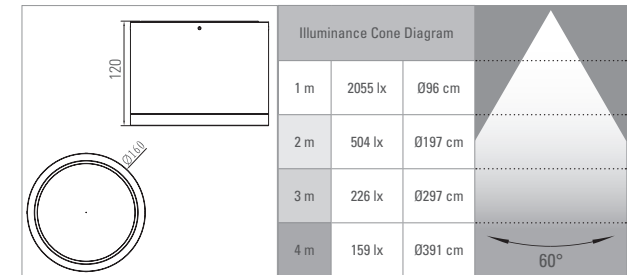
COLOR TEMP.	POWER	LUMENS	CODE
5700 K	15W	1360 lm	INT04500
4000 K	15W	1280 lm	INT04501
3000 K	15W	1200 lm	INT04502

BEAM OPTION: 60°



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	25W	2490 lm	INT04510
4000 K	25W	2420 lm	INT04520
3000 K	25W	2320 lm	INT04530

BEAM OPTION: 24° / 60°



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	35W	3430 lm	INT04550
4000 K	35W	3360 lm	INT04560
3000 K	35W	3320 lm	INT04570

BEAM OPTION: 36° / 60°

INDOOR

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INDOOR

SUSPENDED &
CEILING MOUNTED

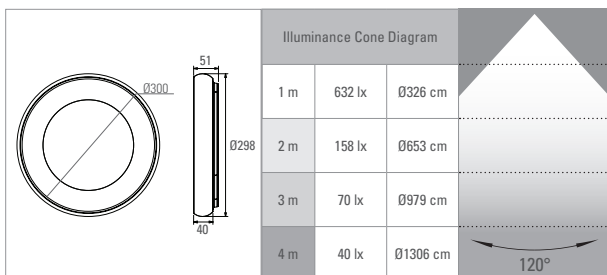
ECLIPSE

	200-240 Vac	 120°	IP40	UGR 19	IK06	IRC >80	DIMMABLE TRIAC
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Very creative design which provide a strong sense of space, the circular light output offers a magic 3D effect, rotate buckle on the base to make installation easier and faster, optional 35W (400mm dia) version & CCT in 3000K/4000K/5000K also available.



ECLIPSE SURFACE MOUNTED

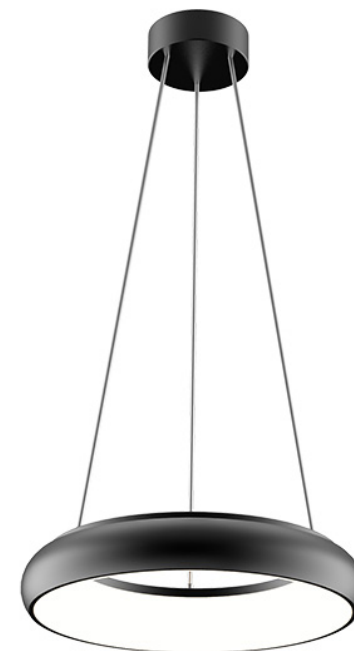


COLOR TEMP.	POWER	LUMENS	CODE
5700 K	25 W	2000 lm	INT05001
4000 K	25 W	1990 lm	INT05002

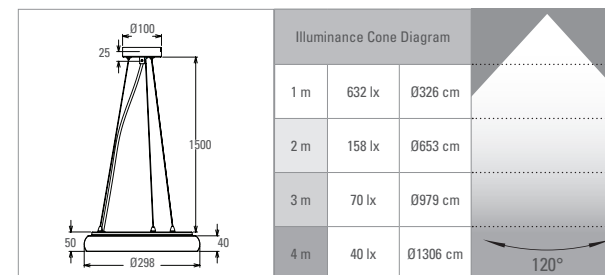


INDOOR

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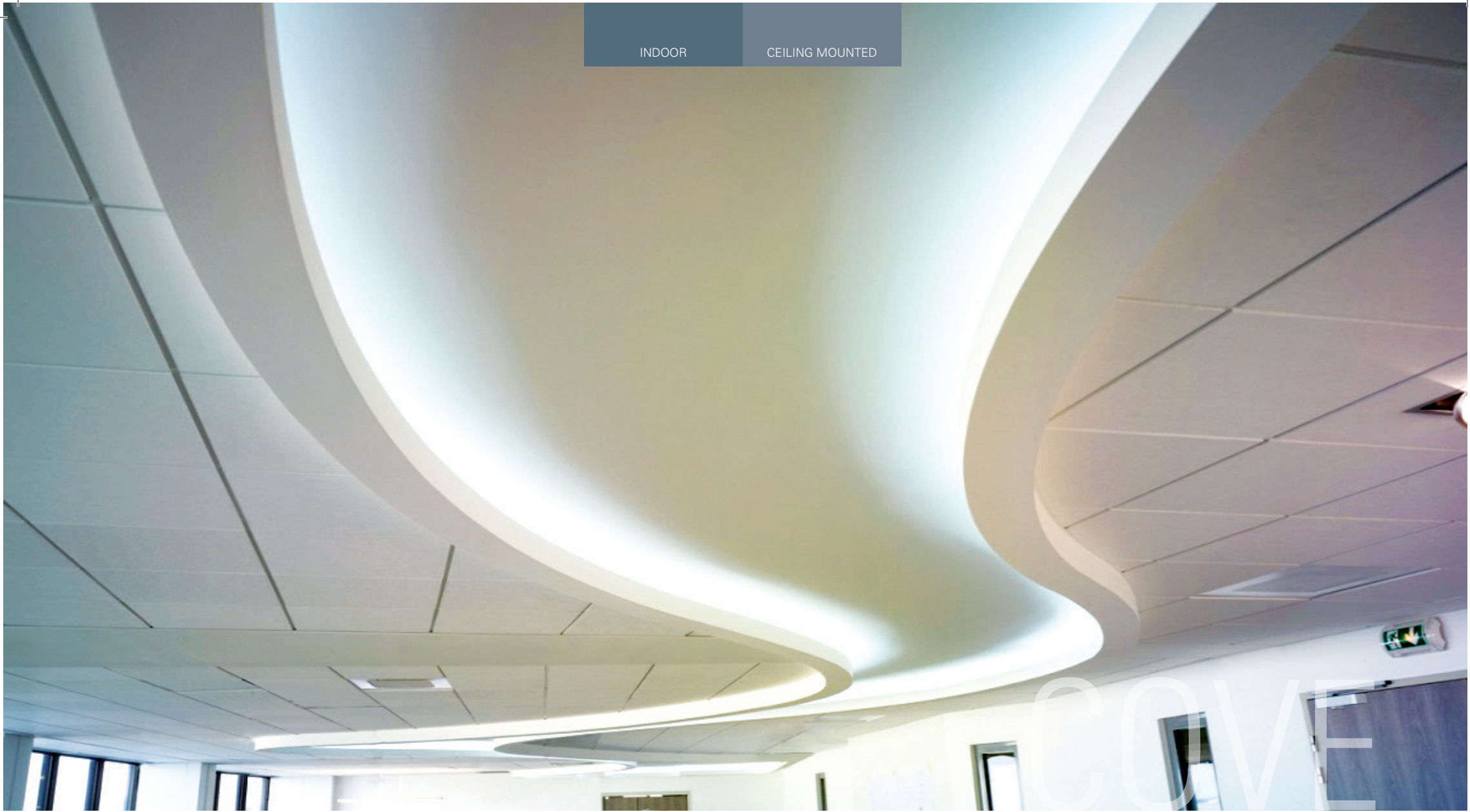
ECLIPSE SUSPENDED



COLOR TEMP.	POWER	LUMENS	CODE
5700 K	25 W	2000 lm	INT05007
4000 K	25 W	1990 lm	INT05008

INDOOR

CEILING MOUNTED



INDOOR

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INDOOR

CEILING MOUNTED

COVE

	122-277 Vac		IP20	100 lm/W	IRC >90	6063-T5 ALU	DIMMABLE 1-10V
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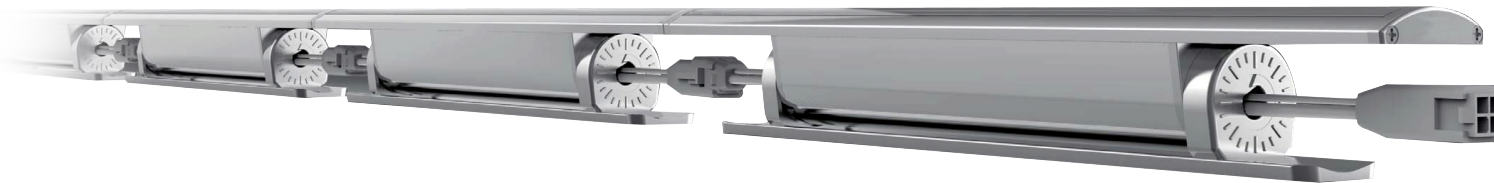
Light weight linear cove profile, highlighting unique architectural details, easily fit on narrow coves and behind soffit edges, along corridors for way-finding, 6063-T5 aluminum body, transparent acrylic cover, anodic oxidation surface treatment for better protection & heat radiation, no-dark spot at the linking points, optional lens for wall washing effect, inbuilt power supply, optional CCT of 2700K/4000K/5000K.



Max. linking length 46m

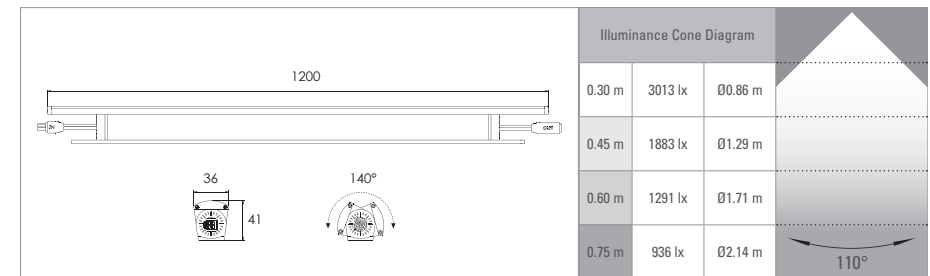
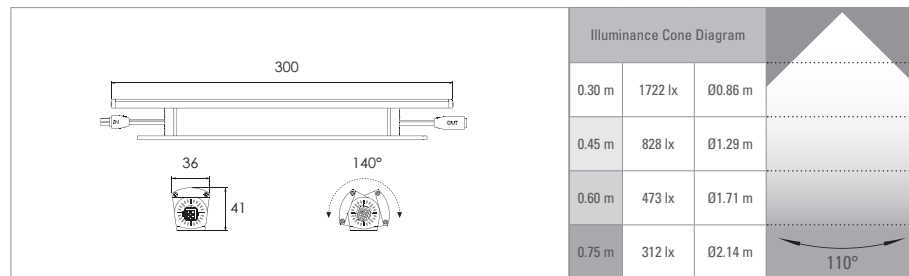


Easy installation



COVE 300

COVE 1200



COLOR TEMP.	POWER	LUMENS	CODE
3000 K	5 W	500 lm	INT02002

COLOR TEMP.	POWER	LUMENS	CODE
3000 K	20 W	2060 lm	INT02004

Optional accessories
(to be ordered separately)



INDOOR

PAGE 119

INDOOR

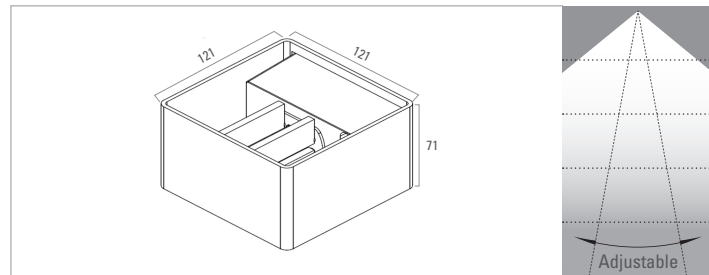
WALL MOUNTED

ALTER

IP65



ALTER 6 IP65



COLOR TEMP.	POWER	LUMENS	CODE
3000 K	6 W	2 x 200 lm	EXT05070

CREE LED, ADJUSTABLE BEAM

	220-240 Vac	IP65	IP54		Adjustable	IK08	IRC >80	ADC12 ALU
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Surface mounted square LED wall light with single or dual side illumination with functionality of changing beam angle manually, die-cast aluminium body & base plate, 6mm tempered glass, specially designed narrow beam optical accessory to create slim beam of light, different body color choices, optional CCT of 4000K/5000K/6000K.



White

Grey

Black

BODY COLOR OPTIONS

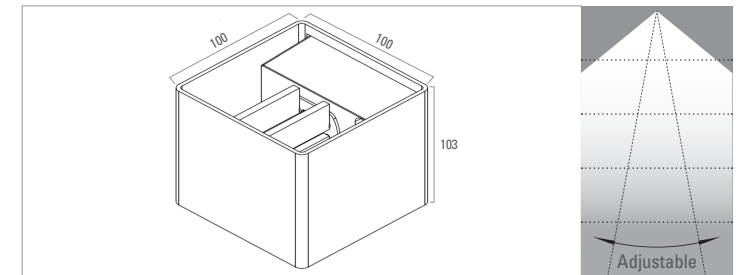


INDOOR

PAGE 120



ALTER 8 IP54



COLOR TEMP.	POWER	LUMENS	CODE
3000 K	8 W	2 x 270 lm	EXT05073

OSRAM LED, ADJUSTABLE BEAM

INDOOR

WALL MOUNTED

LEZU

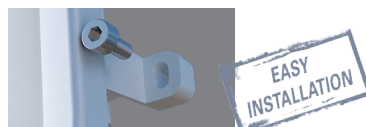
	200-240 Vac	100°	IP54	IK08	IRC >70	PF >0.9
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IP54

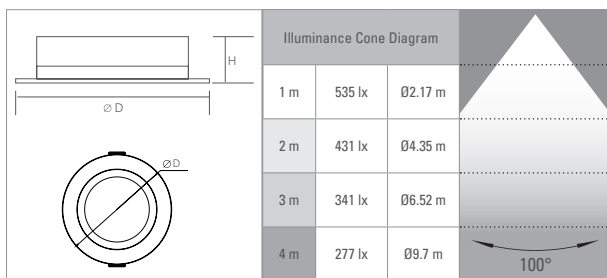
This ultra thin designed ABS fitting with PC diffuser can be installed directly without disassembly for a fast installation and ensure perfect sealing, very good IP performance as the water is not in direct contact with the wall, can be connected without opening the body, optional IP65 version & CCT 3000K/ 6000K also available.



LEZU 1

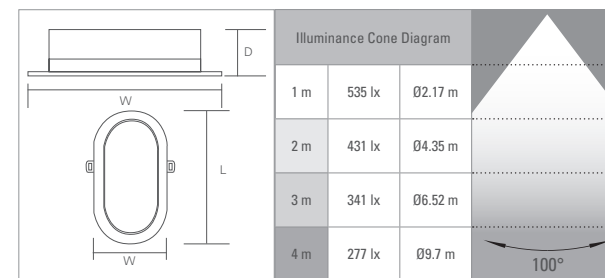


LEZU 2



COLOR TEMP.	POWER	*LUMENS	CODE
Ø 150 D x 70 H	6 W	520 lm	EXT09011
Ø 213 D x 90 H	12 W	940 lm	EXT09014

*CCT: 4000K



COLOR TEMP.	POWER	*LUMENS	CODE
172 L x 71 D x 116 W	6 W	520 lm	EXT09017
220 L x 78 D x 143 W	12 W	940 lm	EXT09020

*CCT: 4000K

HAKI

**EASY
INSTALLATION**

	220-240 Vac	 110°	IP65	IK08	IRC >70	PF >0.9
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IP65

Very thin bulkhead, aluminium body and PC diffuser, fast installation, silver frame finish, optional CCT 3000K/ 6000K also available, best suitable for enclosure wall, cellar wall, corridor wall etc...



HAKI 1



HAKI 2



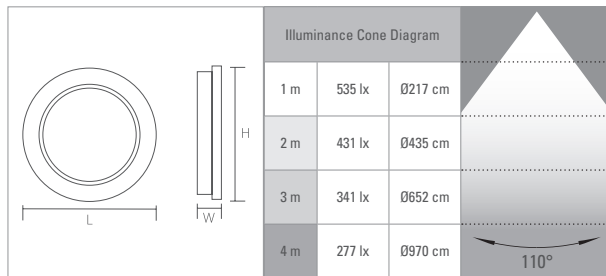
HAKI 3



Sensor
90° 4m
3-120 sec

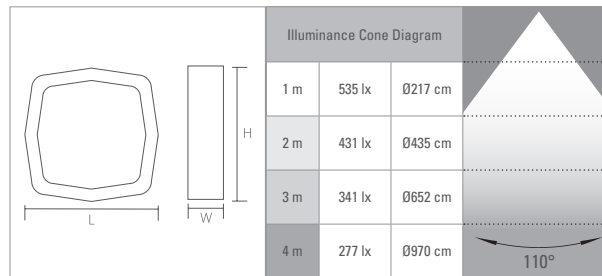


Emergency
3hrs
battery back-up



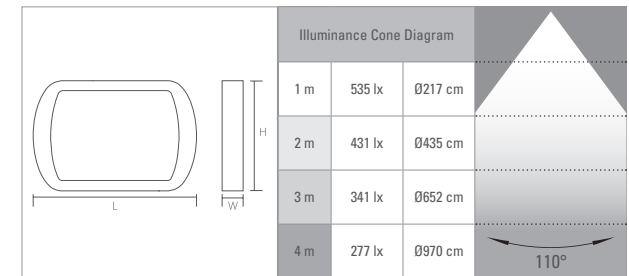
COLOR TEMP.	POWER	LUMENS	CODE
140Lx36Wx140H	10 W	700 lm	EXT05081
180Lx40Wx180H	20 W	1300 lm	EXT05084

CCT: 4000K



COLOR TEMP.	POWER	*LUMENS	CODE
180Lx36Wx180H	10 W	700 lm	EXT05086
180Lx36Wx180H	20 W	1300 lm	EXT05089

*CCT: 4000K



COLOR TEMP.	POWER	*LUMENS	CODE
220Lx36Wx130H	10 W	700 lm	EXT05092
220Lx36Wx130H	20 W	1300 lm	EXT05095

*CCT: 4000K - Optional **SENSOR** and **EMERGENCY** version available

LINEA I



Polycarbonate, aluminium body, white finish, delivered with fixing bracket, integrated power supply, in-line connection 10 m max. (without cable), transparent end caps available, 5W-300mm version and CCT of 3000K, 4000K, 5000K also available.



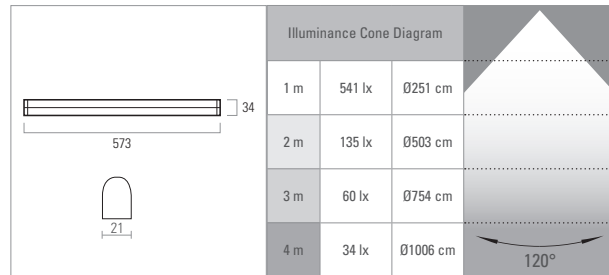
No dark-spots on joints



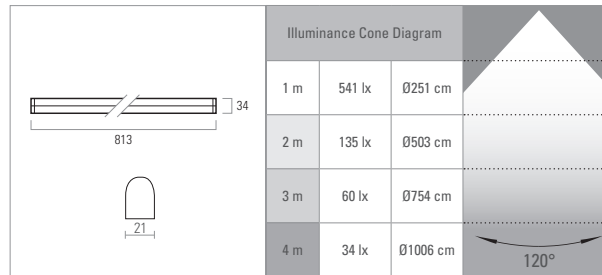
LINEA 1-600

LINEA 1-900

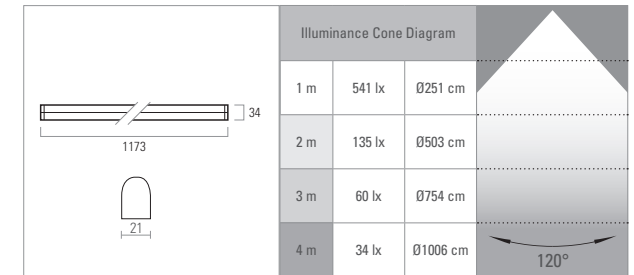
LINEA 1-1200



COLOR TEMP.	POWER	LUMENS	CODE
6000 K	9 W	720 lm	INT05001

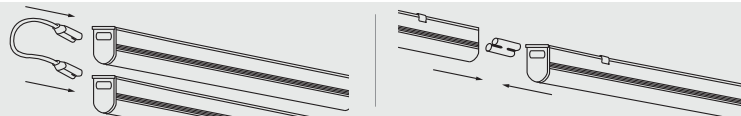


COLOR TEMP.	POWER	LUMENS	CODE
6000 K	14 W	1120 lm	INT05004



COLOR TEMP.	POWER	LUMENS	CODE
6000 K	18 W	1440 lm	INT05007

In-line connection
10 m max.



INDOOR TRACK LIGHTS



INDOOR | TRACK LIGHTS



ZOOM p.127



CIRCO p.128



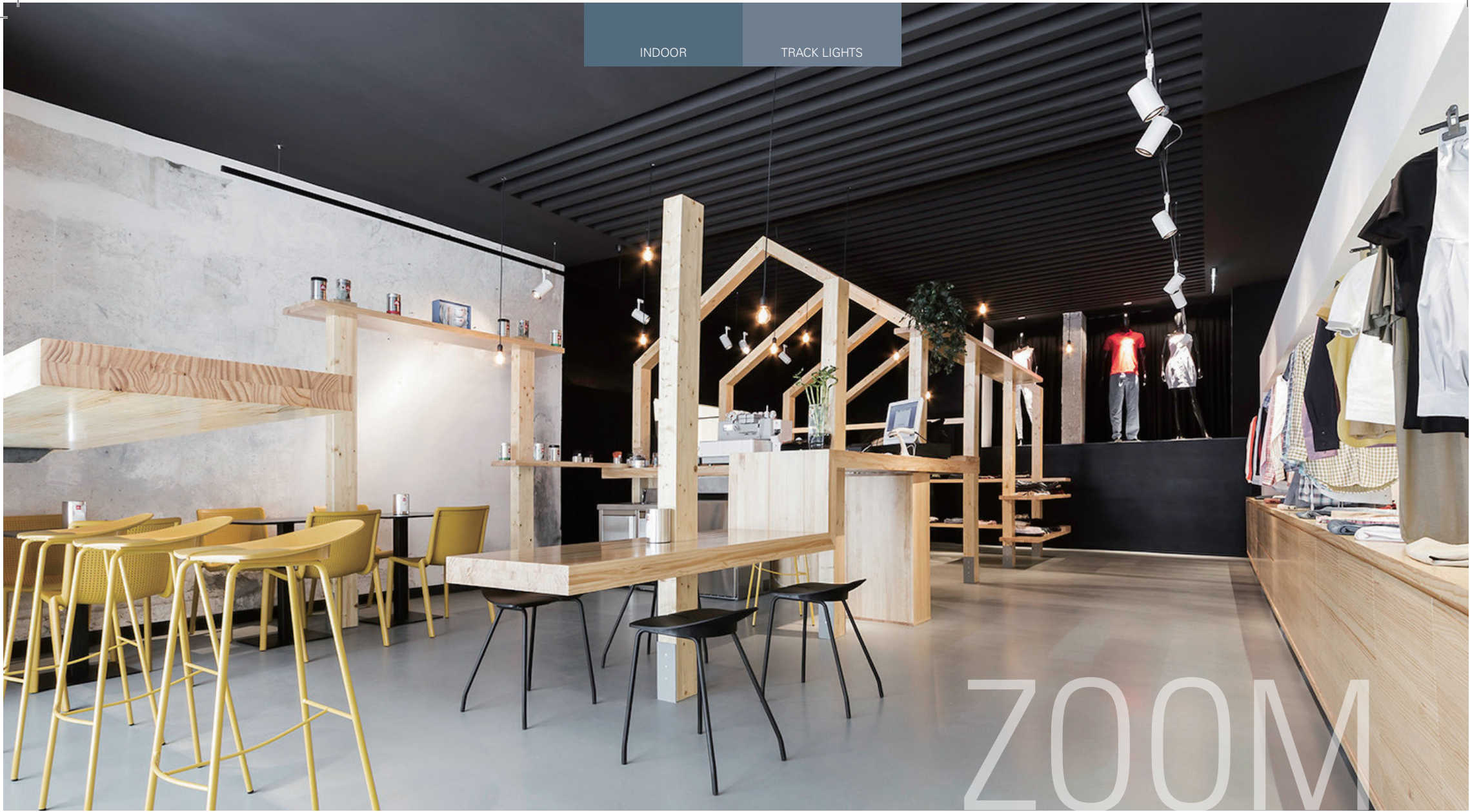
COSMO p.129



3C TRACK SYSTEM
p.130 - 131

INDOOR

TRACK LIGHTS



ZOOM

INDOOR

PAGE 126

ZOOM

	220-240 Vac	IP20	87 lm/W	 20°-60°	IRC >80	PF >0.9	AL6063 ALU
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New innovative track light with advanced zooming technology, changeable lighting orientation, 320° in horizontal direction & 0-90° in vertical direction, adopts high efficient COB LED chip, AL6063 aluminium profile provides excellent thermal dissipation, isolated driver performs stable working performance.

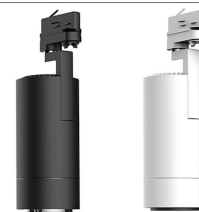
Advanced Technology

20° - 60° beam can be adjustable by changing distance between lens and LED chips

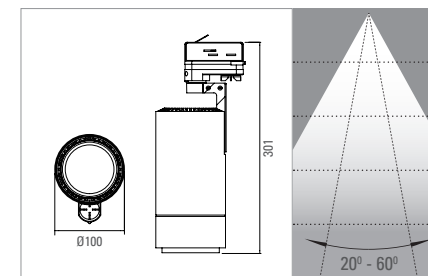


Changeable Lighting Orientation

320° in horizontal & 0-90° vertical direction



Color Options



COLOR TEMP.	POWER	LUMENS	CODE
2700 K	35 W	2000-3100 lm	INT03001
3000 K	35 W	2040-3020 lm	INT03002
4000 K	35 W	2340-3450 lm	INT03003
5000 K	35 W	2200-3300 lm	INT03004

CIRCO

	230Vac	IP20	CREE COB LED			IRC >82	DIMMABLE TRIAC
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Die-cast aluminium body, anti-glare reflector, very good heat dissipation, 3C track system, white/ black finish, ideal for accent lighting of shops, museums, gallery, hotels etc..



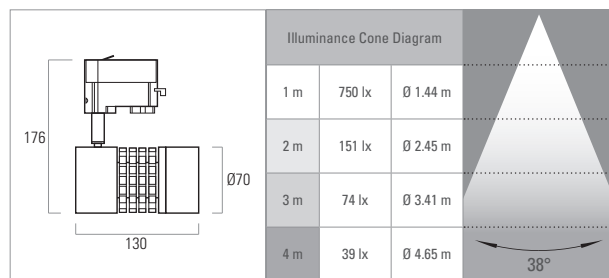
CIRCO 15



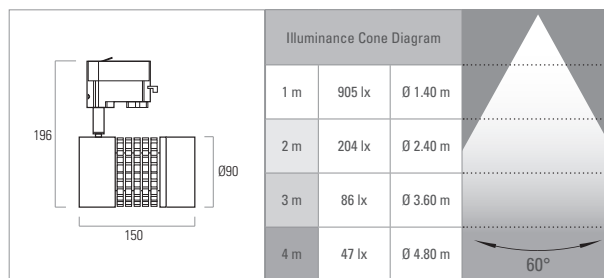
CIRCO 35



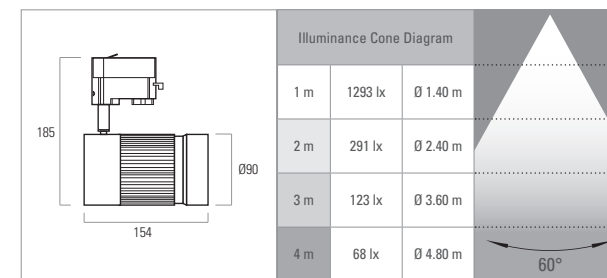
CIRCO 45



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	15 W	1480 lm	INT07188
3000 K	15 W	1320 lm	INT07189
4000 K	15 W	1480 lm	INT07190
3000 K	15 W	1320 lm	INT07191



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	35 W	3350 lm	INT07192
3000 K	35 W	3100 lm	INT07193
4000 K	35 W	3350 lm	INT07194
3000 K	35 W	3100 lm	INT07195



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	45 W	4150 lm	INT07196
3000 K	45 W	4000 lm	INT07197
4000 K	45 W	4150 lm	INT07198
3000 K	45 W	4000 lm	INT07199

COSMO



Ceiling tracklight with different surface mounted/recessed/track mounting options, ADC12 die-cast body, high transmittance optical lens, adjustable lighting orientation with 340° in horizontal & 0-90° in vertical direction, optional CCT of 2700K/5000K



COSMO 10 TRACK
OPTIONAL



COSMO 10 RECESS
OPTIONAL



COSMO 10 SURFACE-A
OPTIONAL



COSMO 20 SURFACE-A
OPTIONAL



COSMO 30 SURFACE-A
OPTIONAL



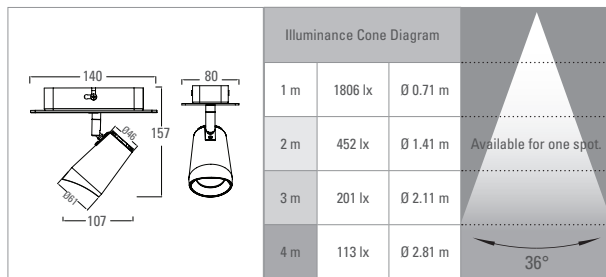
COSMO 10 SURFACE-B



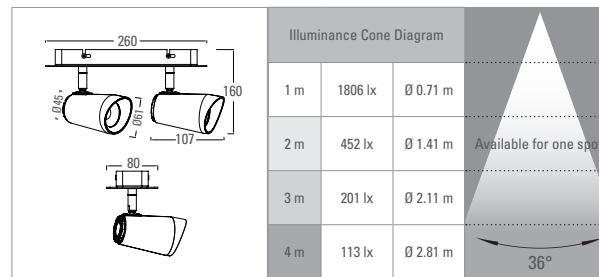
COSMO 20 SURFACE-B



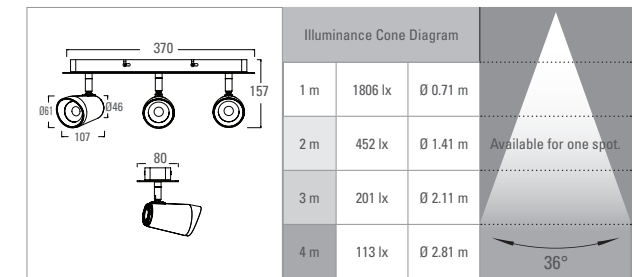
COSMO 30 SURFACE-B



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	10 W	1040 lm	INT02002
3000 K	10 W	990 lm	INT02003



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	20 W	2080 lm	INT02013
3000 K	20 W	1980 lm	INT02014



COLOR TEMP.	POWER	LUMENS	CODE
4000 K	30 W	3120 lm	INT02019
3000 K	30 W	2970 lm	INT02020

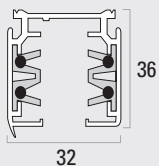
3 CIRCUITS TRACK SYSTEM




This system enables an installation of several spots on a rail by 3 different switches.

2 possible installations:

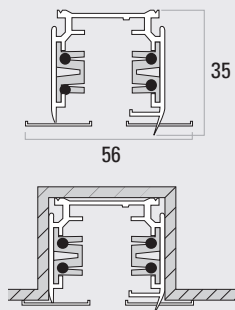
- CEILING MOUNTED
- RECESSED








CEILING MOUNTED 3 CIRCUITS TRACK

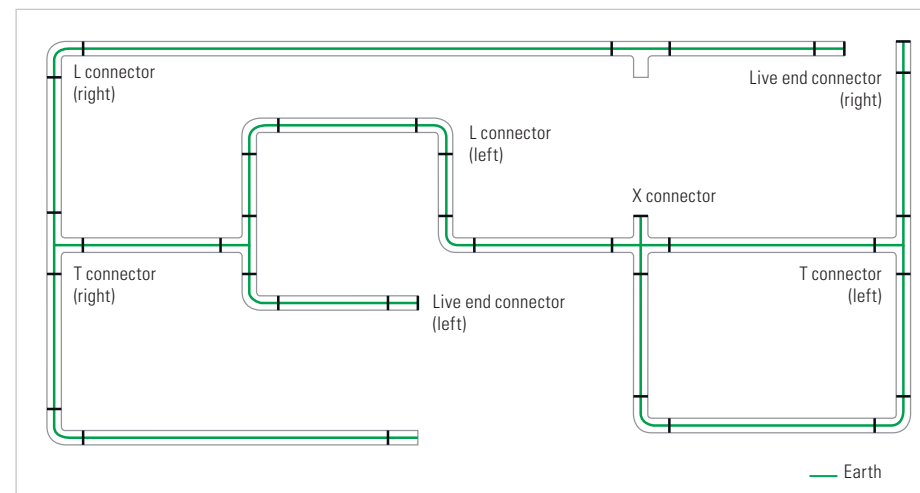











	CODE	DIMENSIONS	PRICE
	WHITE INT07178	L.2000 mm	-
	INT07179	L.3000 mm	-
	BLACK INT07180	L.2000 mm	-
	INT07181	L.3000 mm	-
	GREY INT07182	L.2000 mm	-
	INT07183	L.3000 mm	-

RECESSED 3 CIRCUITS TRACK









	CODE	DIMENSIONS	PRICE
	WHITE INT07184	L.2000 mm	-
LIVE END CONNECTOR COVER			
	WHITE INT07185	L.64 / W.56 mm	-
	BLACK INT07186	L.64 / W.56 mm	-
	GREY INT07187	L.64 / W.56 mm	-
T CONNECTOR COVER			
	WHITE INT07110	L.99 / W.78 mm	-
	BLACK INT07111	L.99 / W.78 mm	-
	GREY INT07112	L.99 / W.78 mm	-









	CODE	DIMENSIONS	PRICE
L CONNECTOR COVER			
	WHITE INT07113	L.78 / W.78 mm	-
	BLACK INT07114	L.78 / W.78 mm	-
	GREY INT07115	L.78 / W.78 mm	-
STRAIGHT CONNECTOR COVER			
	WHITE INT07116	L.99 / W.56 mm	-
	BLACK INT07117	L.99 / W.56 mm	-
	GREY INT07118	L.99 / W.56 mm	-
X CONNECTOR COVER			
	WHITE INT07119	L.99 / W.99 mm	-
	BLACK INT07120	L.99 / W.99 mm	-
	GREY INT07121	L.99 / W.99 mm	-

3 CIRCUITS TRACK ACCESSORIES

		CODE	DIMENSIONS	PRICE
3 CIRCUITS ADAPTOR				
	WHITE	INT07122	L.84 / W.54 mm	-
	BLACK	INT07123	L.84 / W.54 mm	-
	GREY	INT07124	L.84 / W.54 mm	-
LEFT LIVE END CONNECTOR				
	WHITE	INT07125	L.98 / W.31 mm	-
	BLACK	INT07126	L.99 / W.78 mm	-
	GREY	INT07127	L.99 / W.78 mm	-
RIGHT LIVE END CONNECTOR				
	WHITE	INT07128	L.98 / W.31 mm	-
	BLACK	INT07129	L.99 / W.78 mm	-
	GREY	INT07130	L.99 / W.78 mm	-
END CAP CONNECTS				
	WHITE	INT07131	L.31 / W.31 mm	-
	BLACK	INT07132	L.31 / W.31 mm	-
	GREY	INT07133	L.31 / W.31 mm	-
MINI JOINER				
	WHITE	INT07134	L.68 / W.20 mm	-
	BLACK	INT07135	L.68 / W.20 mm	-
	GREY	INT07136	L.68 / W.20 mm	-
STRAIGHT CONNECTOR				
	WHITE	INT07137	L.99 / W.31 mm	-
	BLACK	INT07138	L.99 / W.31 mm	-
	GREY	INT07139	L.99 / W.31 mm	-

		CODE	DIMENSIONS	PRICE
FLEXIBLE CONNECTOR				
	WHITE	INT07140	L.244 / W.31 mm	-
	BLACK	INT07141	L.244 / W.31 mm	-
	GREY	INT07142	L.244 / W.31 mm	-
X CONNECTOR				
	WHITE	INT07143	L.166 / W.166 mm	-
	BLACK	INT07144	L.166 / W.166 mm	-
	GREY	INT07145	L.166 / W.166 mm	-
L LEFT CONNECTOR				
	WHITE	INT07146	L.98 / W.98 mm	-
	BLACK	INT07147	L.98 / W.98 mm	-
	GREY	INT07148	L.98 / W.98 mm	-
L RIGHT CONNECTOR				
	WHITE	INT07149	L.98 / W.98 mm	-
	BLACK	INT07150	L.98 / W.98 mm	-
	GREY	INT07151	L.98 / W.98 mm	-
T LEFT CONNECTOR 1				
	WHITE	INT07152	L.166 / W.99 mm	-
	BLACK	INT07153	L.166 / W.99 mm	-
	GREY	INT07154	L.166 / W.99 mm	-
T RIGHT CONNECTOR 1				
	WHITE	INT07155	L.166 / W.99 mm	-
	BLACK	INT07156	L.166 / W.99 mm	-
	GREY	INT07157	L.166 / W.99 mm	-

		CODE	DIMENSIONS	PRICE
T LEFT CONNECTOR 2				
	WHITE	INT07158	L.166 / W.99 mm	-
	BLACK	INT07159	L.166 / W.99 mm	-
	GREY	INT07160	L.166 / W.99 mm	-
T RIGHT CONNECTOR 2				
	WHITE	INT07161	L.166 / W.99 mm	-
	BLACK	INT07162	L.166 / W.99 mm	-
	GREY	INT07163	L.166 / W.99 mm	-
HANGING SET WITH 6 MM X 1 M				
	WHITE	INT07164	-	-
	BLACK	INT07165	-	-
	GREY	INT07166	-	-
HANGING SET WITH 1,5 M WIRE				
	WHITE	INT07167	-	-
	BLACK	INT07168	-	-
	GREY	INT07169	-	-
MECHANICAL ADAPTOR				
	WHITE	INT07170	-	-
	BLACK	INT07171	-	-
	GREY	INT07172	-	-
SURFACE CEILING SET				
	WHITE	INT07173	-	-
	BLACK	INT07174	-	-
	GREY	INT07175	-	-

INDOOR

TRUNK SYSTEM

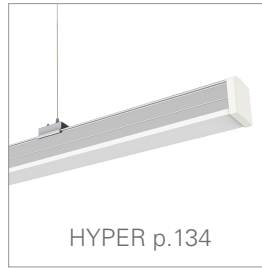
INDOOR TRUNK SYSTEM



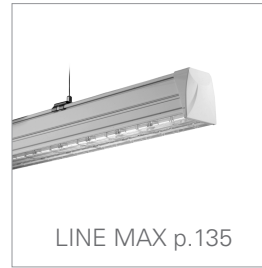
INDOOR

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INDOOR | TRUNK SYSTEM



HYPER p.134



LINE MAX p.135

HYPER

	220-240 Vac	IP20		IRC > 80	3 SDCM	115 lm/W	LUMILED LED	DIMMABLE DALI Optional
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Linear trunking rail system, better vertical illumination, toolless-easy installation, suspended or ceiling mounted options, extrusion aluminium spray paint housing, extrusion plastic optical cover, high efficacy LED chips, uniform light distribution, white finish, better heat dissipation, integrated driver, optional beam of 90° & CCT of 3000K/5000K, best suitable for supermarkets, warehouses, parking, gym, retail stores etc.

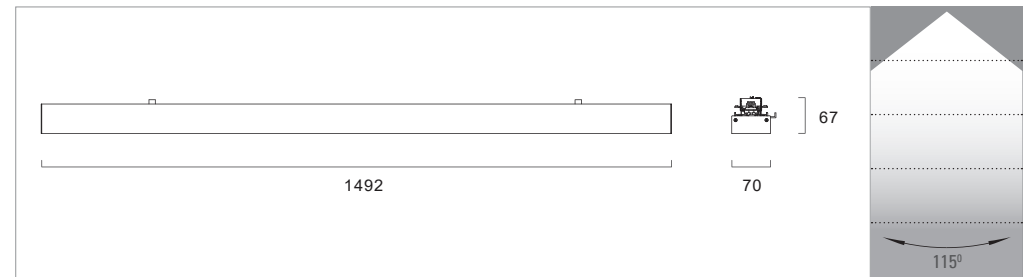


HYPER 1

COLOR TEMP.	LED	POWER	LUMENS	MAX. LINKABLE	CODE
4000 K	150 LEDs	40 W	4600 lm	46 pcs.	INT04142

HYPER 2

COLOR TEMP.	LED	POWER	LUMENS	MAX. LINKABLE	CODE
4000 K	200 LEDs	66 W	7590 lm	32 pcs.	INT04143



Accessories
(to be ordered separately)



Trunk
L-1500/3000/4500mm
(back base with cable and connectors)



Hard Connector
(to connect between two light fittings)



Suspension Kit
(1pc. bracket + 1pc. suspended cable)



Surface Bracket
(1pc. bracket + 1pc. clip)

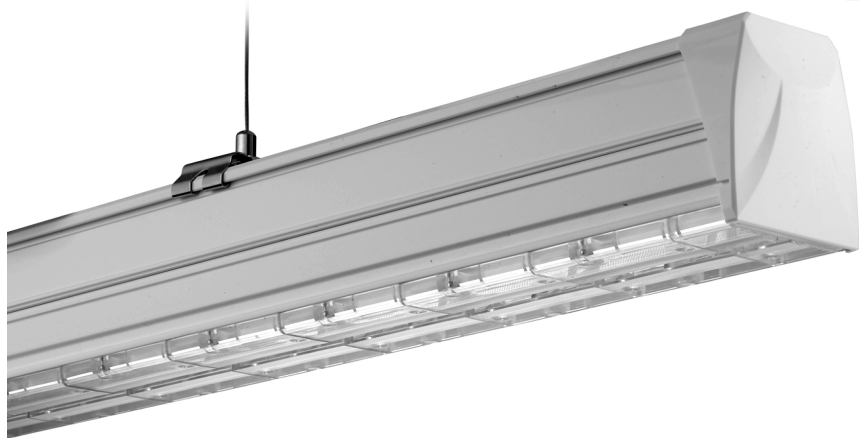
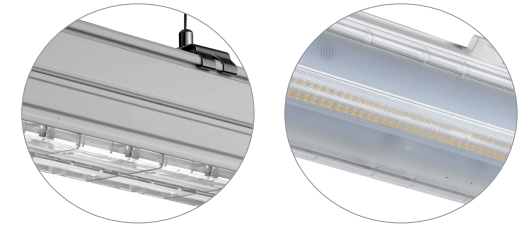


Endcap & Rubber
(2pc. endcap + 2pc. rubber)

LINE MAX

	220-240 Vac	IP20		IRC > 80	IK08	3 SDCM	120 lm/W	SAMSUNG LED	DIMMABLE 0-10V/DALI Optional
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LED linear trunking system with sharp angle beam optics, applied to the shelving lighting in tight space such as warehouse, supermarket and workshop, polished aluminium profile housing with black/white/silver finishes, PMMA lens, polycarbonate optical cover, with different lighting control options, CCT in 3000K/5000K/6000K, built-in drive, suspended/surface mounting choices and optional X, L, T node connectors, optional IP54 version & 80W (360 LEDs, 9600 lm) also available.

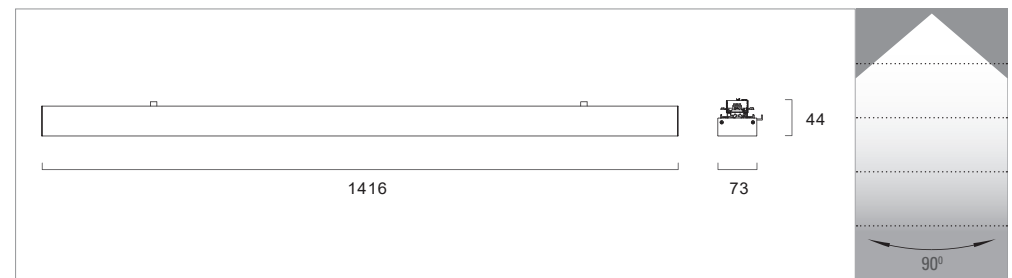
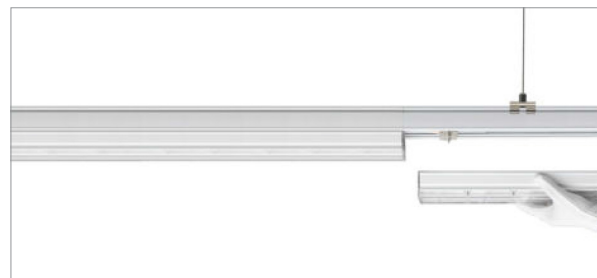


LINE MAX 1

COLOR TEMP.	LED	POWER	LUMENS	MAX. LINKABLE	CODE
4000 K	180 LEDs	40 W	4800 lm	88 pcs.	INT04131

LINE MAX 2

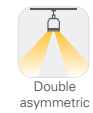
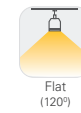
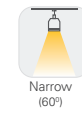
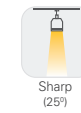
COLOR TEMP.	LED	POWER	LUMENS	MAX. LINKABLE	CODE
4000 K	300 LEDs	65 W	7800 lm	54 pcs.	INT04132



Accessories
(to be ordered separately)



Optional beam optics



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GLOSSARY

ELECTRICAL SAFETY CLASSES

The electrical class of a light indicates its electrical isolation according to the norm EN60598-1.

SOURCES' LIFETIME

Time after which only half of the lights work and for which the luminous flux is less than 70% of the initial flow.

GLARE

The glare of a luminaire is given by the term UGR (Unified Glare Rating). On a scale of 10 to 30, the more the UGR is close to 10, the more the glare is low.

INDIRECT LIGHTING

Lighting fixture where the light is reflected from the ceiling or the walls.

LUMINOUS EFFICIENCY

The luminous efficiency of a source is characterized by the ratio flux emitted/power needed for its working. This ratio is expressed in lm/w. For each type of source, the efficiency generally increases with the power.

FLUX

It is the amount of light emitted by a luminous source.

THE INGRESS PROTECTION RATING (IP)

It classifies and rates the degrees of protection provided against the intrusion of solid objects, dust, accidental contact, and water in mechanical casings and with electrical enclosures.

MECHANICAL IMPACT RESISTANCE (IK)

It indicates the degree of protection which is provided by an enclosure against a mechanical load (demand energy in joules).

COLOR RENDERING INDEX (CRI)

The color rendering index gives the quality of lighting. It is between 0 and 100: the higher the CRI is, the higher the quality of the light is good.

LIGHT INTENSITY / LUMEN

The lumen (lm) measures the total «amount» of visible light emitted by a source.

LED

LED (acronym of Light Emitting Diode) is an electronic component able to emit light when crossed by an electric current.

LUX

International System of Unit measuring the luminous flux per unit.



Class I, fitted with an earthing point



Class II, reinforced or double isolation



Class III, extra low voltage

Vac

Alternative current

mA

Constant current

Vdc

Extra low voltage

IP

Ingress Protection Rating

UGR

Glare rendering

IRC

Colour rendering ingress

IK

Mechanical impact resistance

INOX

316 L

Stainless steel 316L



Recessed diameter (unit = millimeter)



Recessed square size (unit = millimeter)

LUMINANCE

The luminance is the amount of light reflected from a surface to the eye of an observer. It is expressed in candela per square meter.

LEVEL OF ILLUMINATION

This is the amount of light received per unit area.

Some current values:

- Full moon night: 0.2 lux,
- Full sun at noon: up to 100 000 lux in our latitudes,
- Overcast: 10 000 lux.

ILLUMINANCE CONE

This shows beam angle and illuminance figures at different heights

POLAR CURVE

The graphic representation of the luminous intensity in different directions. If two curves are plotted, the distributions are in two vertical planes.

OPTICS

System composed of reflectors or refractors that direct the light, emitted by the lamps in a luminaire, in the desired direction.

COLOR TEMPERATURE

White light can take different tones: warm, neutral, cold...

The light color temperature characterizes this variable. It is expressed in kelvin.

The higher the temperature is, the higher the light is cold.

- 1800 K: red
 - 2000 K: yellow-orange
 - 2500 to 3000 K: sunset, warm light
 - 4000 to 5000 K: sunlight on a clear weather
 - 6000 to 8000 K: overcast
 - 10000 K: light in the shade in altitude (blue).
- Less it is illuminated, the more light must be warm.
More it is illuminated, the more light can be cold.

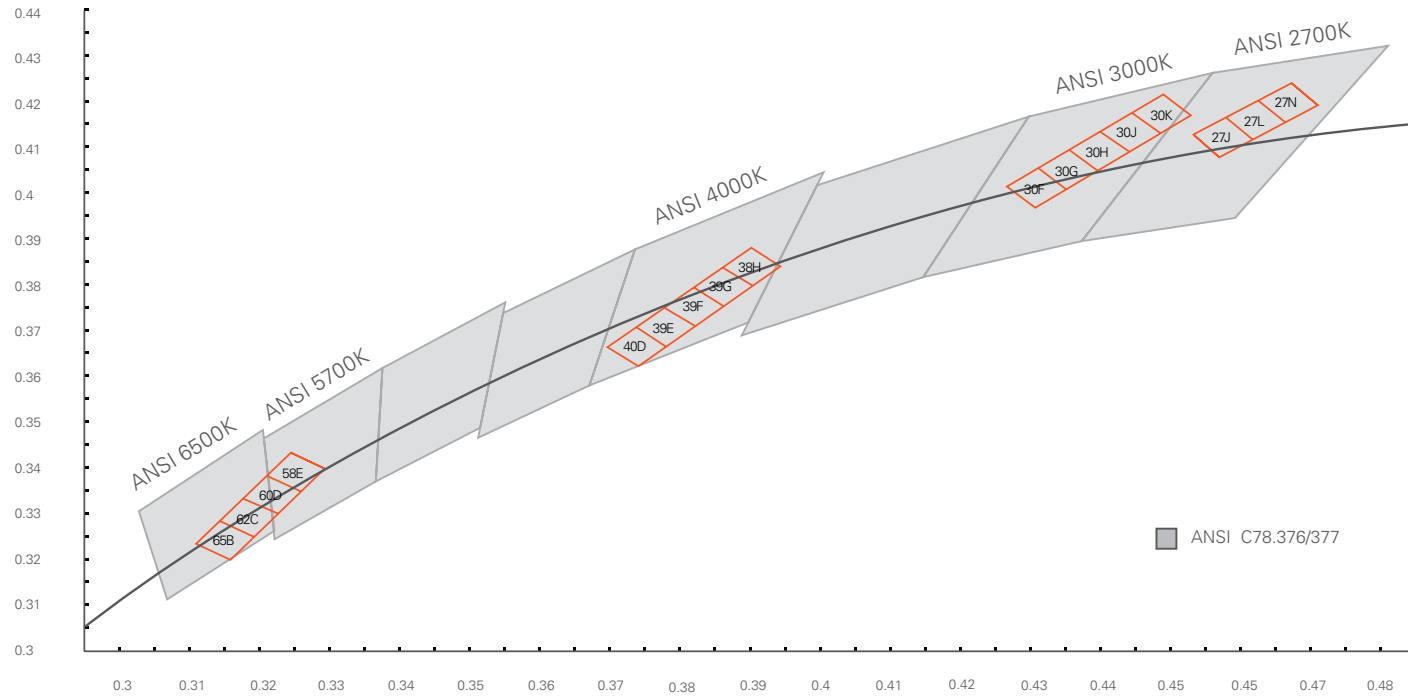
TRANSFORMER

Transformers reduce the power supply voltage (ex 230 V) in a lower voltage required for the working of low voltage halogen lamps. Generally 12 V.

HEAT SINK

A device used to conduct heat away from the LED sources and dissipate it to the surrounding air. The more efficiently an LED is cooled the greater its efficacy, light output and lifetime.

LED BINNING CURVE



MacAdam ellipse is a region on a chromaticity diagram which contains all colors which are indistinguishable, to the average human eye, from the color at the center of the ellipse. The contour of the ellipse therefore represents the just noticeable differences of chromaticity. Therefore, a target value for extremely color sensitive applications would be between < 3 SDCM (3-step MacAdam) initially and then potentially ranging up to 5 SDCM. For less color sensitive applications such as ambient lighting, an initial range from 5 to 7 SDCM (5 to 7-step MacAdam) may prove acceptable.

[**SDCM** is an acronym which stands for Standard Deviation Color Matching. SDCM has the same meaning as a “MacAdam ellipse”]

