

Education Lighting Solution



Lpa

LIGHTING
AND ENERGY
SOLUTIONS



LPA Lighting and Energy Solutions

We have extensive experience in delivering lighting solutions for a diverse range of education facilities including universities, schools, government departments, lecture theatres, conference spaces and childcare centres. Our solutions have been created for new developments as well as lighting refurbishments with the aim to reduce energy consumption.

Our experienced team can assist in lighting design, product selection, project management and implementation support. We have a solid understanding of the impact light can make in learning spaces.

Education lighting is not only about functionality, it is also about lighting for emotion and creating the right ambience for learning. A variety of lighting options that are low glare, flicker-free, reliable, low maintenance and energy efficient. Optimum colour properties and light levels are key to achieving the best environment to stimulate learning and improve student performance.

With a large number of products, expert technological knowledge and understanding of building regulations; our aim is to present a concept that takes advantage of the key requirements for education lighting and customise it specifically for the client.

We offer a comprehensive range of quality fitting for classrooms, to large lecture halls, to exterior lighting, we have a wide array of styles, outputs and dimensions to suit your requirements. Our products are selected to meet relevant compliance and are backed by our 5 year warranty. We offer assistance with dimming protocol and partner with smart control brands to provide the best setting for each education space.

The following information showcases our selected range of products for education lighting. This is an interactive booklet linking back to the LPA website (www.lpalighting.com). All specific technical information for products can be found via our website or please contact us at +61 3 8416 1500 for further information.



Design Services

At LPA, we understand lighting design requirements for learning and educational spaces. Our experienced team can provide full lighting designs or work in conjunction with Engineers and other third parties to deliver a design that meets the exact requirements of the clients.

Our expert and passionate designers and engineers have experience in developing lighting solutions that support the ways of teaching and learning in an education facility. We provide customised and impactful solutions that achieve the best possible lighting effect on students and teachers whilst also reducing maintenance and energy consumption. Our focus in the education sector is optimising light settings in learning spaces to provide the end user with the best environment for concentrated learning.

Our team understands the different areas within education facilities. We will work with the client to ensure the design supports the operational needs of each space from the cafeteria, to the corridors or the schoolyard.

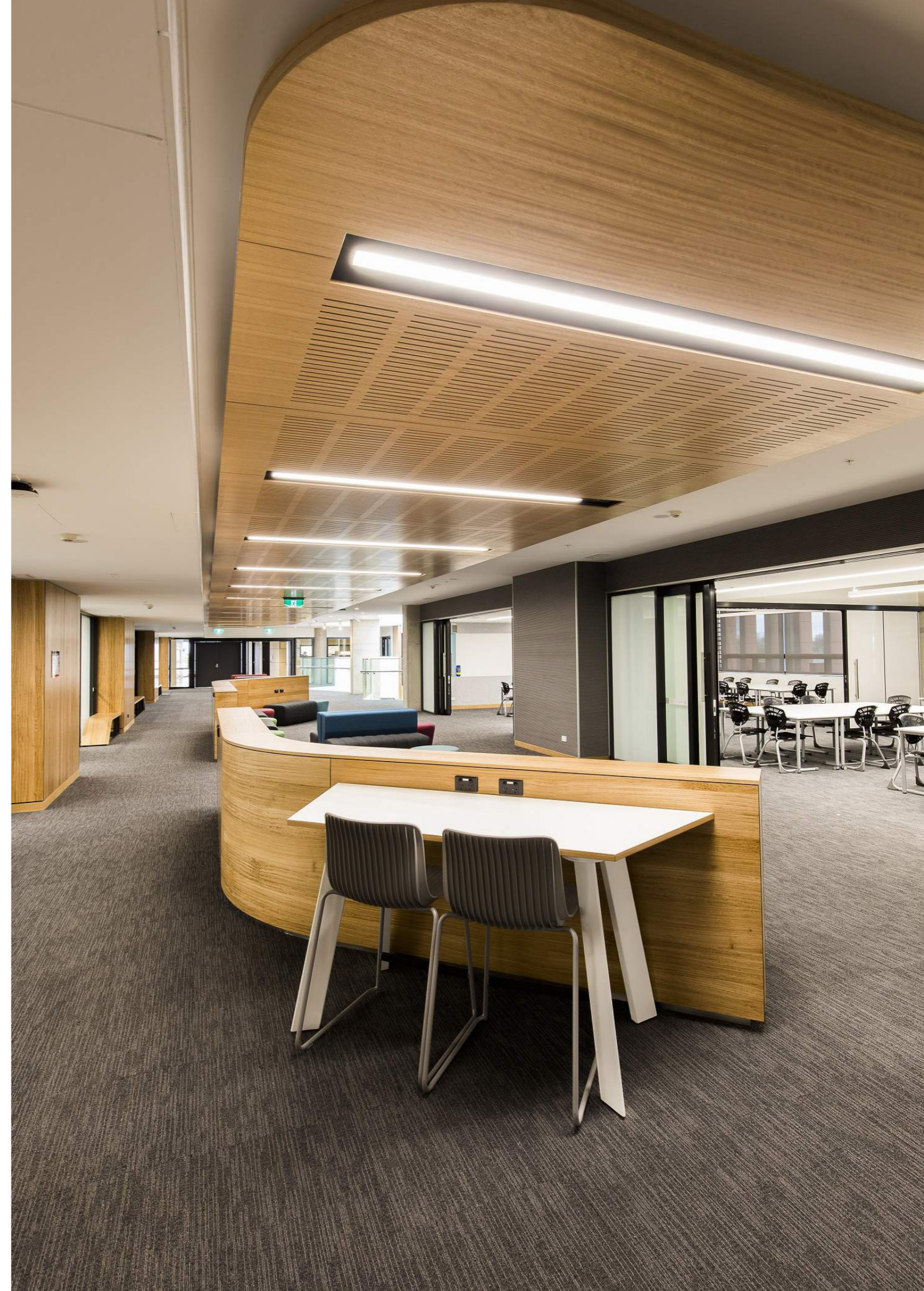
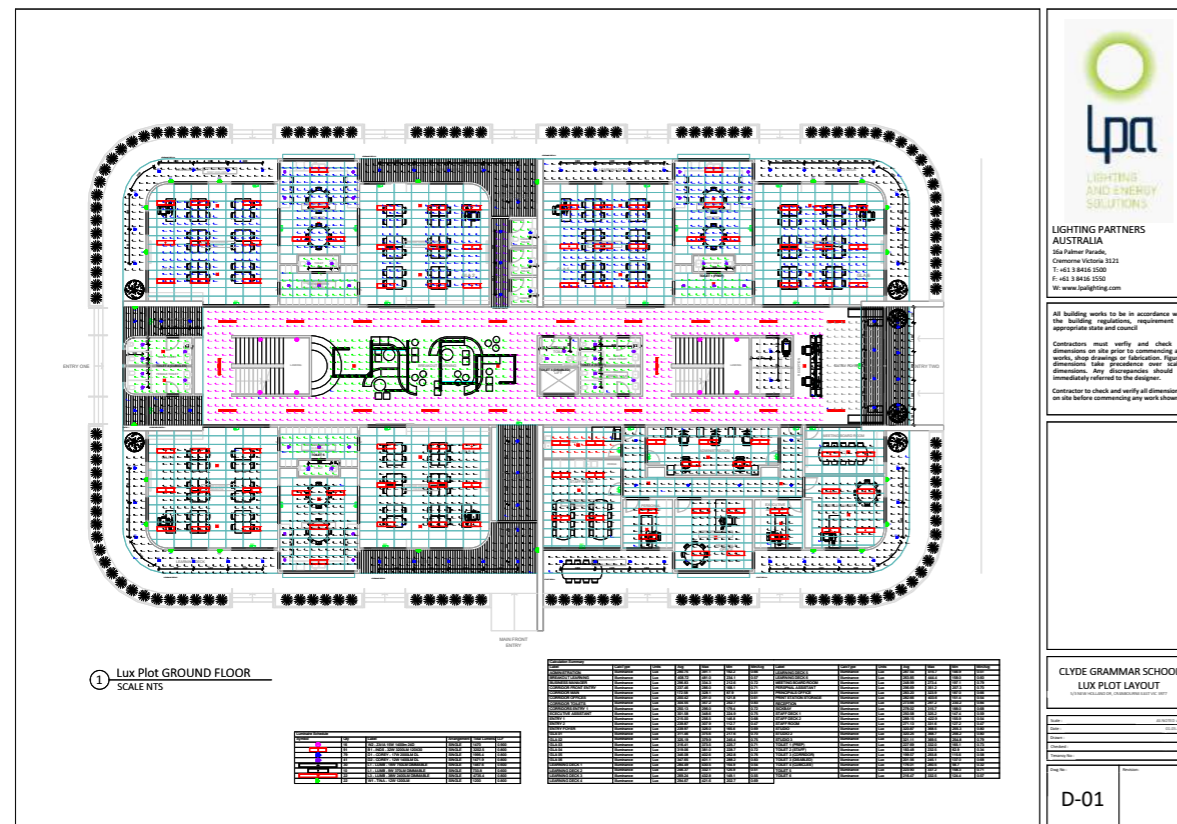
Reducing energy and maintenance costs is essential in all education facilities. With schools operating for long hours a day, the integration of control systems provides the flexibility needed to meet the demands of the education sector.

The day-to-day design requirements of specific projects will be managed, design and documented by the LPA design team in consultation with the client and their design team.

The end result will be a design package that meets the clients requirements, improves the overall lighting effect and reduces energy consumption.

Our lighting design would constitute the following:

- A documented lighting design to include both high level (RCP) and low level (Joinery) documentation
- Suggested joinery detailing for integrated lighting
- Corresponding BCA Calculation
- Lighting schedule outlining the specifications of proposed fittings
- Fitting datasheet pack
- Lighting calculation outlining achieves lux levels and uniformity in accordance with Australian Standards AS1680



INTERIOR

Lighting plays an integral part in educational facilities. Lighting creates ambience and functionality that is fundamental to human development.



DOWNLIGHTS



SMITH DOWNLIGHT

Smith is a low glare compact luminaire for lower level and more precise accenting. Available as a fixed and adjustable downlight with a selection of narrower beam settings they are perfect for highlighting key elements of your design.



SMITH DR-A161

Cut Out: Ø75mm Dimensions: Ø87x100mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Wide
DR-A161-A	6	7	879	481	390	246
DR-A161-B	12	15	1504	748	613	380
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

SMITH SR-A410

Cut Out: Ø75mm Dimensions: Ø87x100mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium		
SR-A410-A	6	7	878	449		
SR-A410-B	12	15	1451	674		
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	220-240V	Available on request

VISI DOWNLIGHT

Visi is an everyday downlight made for professional applications. Once recessed into the ceiling the Visi blends in effortlessly with its narrow trim and provides an anti-glare comfort light. However, trim size is no reflection on performance and Visi provides a full range of illumination level in both fixed and adjustable design.



VISI DR-A397

Cut Out: Ø80mm Dimensions: Ø91x78mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Medium	Medium	Wide
DR-A397-A	6	8	828	581	648	654	652
DR-A397-B	12	15	1564	1090	1203	1216	1251
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming	
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request	

VISI DR-A074

Cut Out: Ø130mm Dimensions: Ø140x141mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Narrow	Medium	Wide
DR-A074-J	17	20	2207	1904	1884	1861	1823
DR-A074-K	25	30	3258	2797	2785	2755	2735
DR-A074-L	32	37	3759	3351	3284	3246	3173
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming	
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request	

VISI DR-A075

Cut Out: Ø155mm Dimensions: Ø165x160mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Narrow	Medium	Wide
DR-A075-J	17	20	2284	1797	1805	1829	1809
DR-A075-K	25	30	3257	2903	2845	2822	2782
DR-A075-L	32	37	3850	3482	3368	3343	3319
DR-A075-M	36	42	4636	3933	3934	3947	3932
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming	
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request	



LUX PRO DOWNLIGHT

For high power accent lighting in commercial, hospitality and retail, our Lux Pro series ticks all the boxes. With a minimal design the Lux Pro is supported by superior performance. A compact size, maintained right across the power range, low glare easy installation & convenient changeover of lenses & reflectors makes Lux Pro a great choice. The Lux Pro has a projected lamp life of L90 (10K) >55,000 hours.



DL-LUXRS

Cut Out: Ø100mm Dimensions: Ø110x79mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
DL-LUXRS-11	1100Lm	11W	3000K/4000K	Wide (Medium available)
DL-LUXRS-15	1400Lm	15W	3000K/4000K	Wide (Medium available)
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	WH / BK	Available on request

DL-LUXRM

Cut Out: Ø150mm Dimensions: Ø160x100mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
DL-LUXRM-21	2100Lm	21W	3000K/4000K	Wide (Medium available)
DL-LUXRM-28	2800Lm	28W	3000K/4000K	Wide (Medium available)
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	WH / BK	Available on request

DL-LUXRL

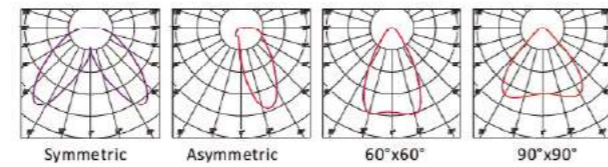
Cut Out: Ø200mm Dimensions: Ø218x132mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
DL-LUXRL-28	3000Lm	28W	3000K/4000K	Wide (Narrow/Medium available)
DL-LUXRL-42	4100Lm	42W	3000K/4000K	Wide (Narrow/Medium available)
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	WH / BK	Available on request



ZOE DOWNLIGHT

The Zoe series is really three series in one. Without any obvious change of appearance Zoe can be a tight accent luminaire, a general accent luminaire, or a spectacular asymmetric wall washer. The Zoe series also has an interchangeable masking insert to subtly blend in to add an additional colour highlight.



ZOE DR-A175

Cut Out: Ø107mm Dimensions: Ø118x114.5mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Wide		
DR-A175-J	17	20	2348	2080Lm		
DR-A175-K	25	28	3241	2675Lm		

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

ZOE DR-A200

Cut Out: Ø107mm Dimensions: Ø118x114.5mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Narrow	Medium	Wide
DR-A200-A	6	8	820	731	716	742
DR-A200-H	12	15	1564	1365	-	1402
DR-A200-J	17	20	2348	2035	2073	2110
DR-A200-K	25	28	3241	-	2668	2764

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

ISABEL DOWNLIGHT

Isabel is a compact luminaire for lower level and more precise accenting. Available as a fix or adjustable version, it is perfect for highlighting key elements of your design.



ISABEL SR-EC15

Cut Out: Ø85mm Dimensions: Ø100x109mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Narrow	Medium	Medium
SR-EC15-A	6	7	796	521	541	556
SR-EC15-B	12	15	1580	1048	1068	1092

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

SUMMER DOWNLIGHT

The Summer is an adjustable downlight series with the ability to shift modes as a recessed luminaire to a spotlight. Its high efficiency lens provides a uniformed light distribution. With a rotation up to 355° and vertical axis tilt of up to 30°, the Summer series delivers flexibility to suit a variety of applications.



Available in trimless.



SUMMER SR-A567

Cut Out: Ø135mm Dimensions: Ø145x175mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Narrow	Medium	Wide
SR-A567-B	12	15	1471	1228	1302	-	686
SR-A567-J	22	25	2482	1966	2122	2168	1111

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

SURFACE MOUNTED DOWNLIGHTS

HADIS SERIES

The Hadis is a contemporary surface mounted downlight perfect for commercial and retail environments. Ideal for high ceilings and precise illumination to highlight key design spaces. Its cylindrical construction with inbuilt driver offers a range of beam angles to ensure this is an excellent choice for a full range of applications. Available with white, black, silver and gold reflectors. The Hadis is available in surface mounted and pendant format.



HADIS DS-A129

Dimensions: Ø80x142mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Wide
DS-A129-A	6	7	909	673	689	702
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

HADIS DS-A128

Dimensions: Ø93x171mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Medium
DS-A128-A	6	7	909	693	678	672
DS-A128-B	12	15	1523	1208	1219	1238
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

HADIS DS-A127

Dimensions: Ø117x186mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Wide
DS-A127-J	17	20	2230	1788	1821	1791
DS-A127-K	25	30	3226	2559	2566	2469
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request



LOGAN SERIES

The Logan series offers a sleek surface mounted spotlight with rotating lens head, the Logan is easily adaptable for accent lighting on a wall or vertically as a downlight. With an integrated driver the clever design of the Logan adjusts through 90° vertical plane and 355° horizontal plane. This luminaire is suitable for art galleries, museums, retail stores and residential applications. Available in track spot and surface spot.



LOGAN SS-CC10

Dimensions: Ø80x180mm

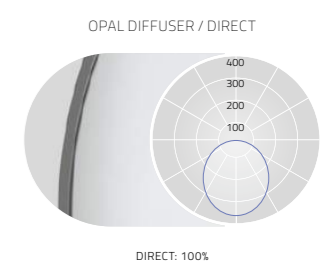
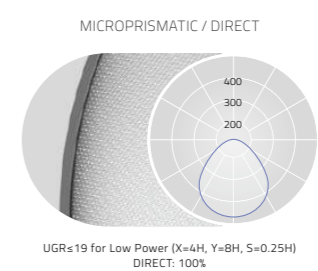
Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Narrow	Medium	Wide
ST-AC22-A	6	7	800	745	756	766	710
ST-AC22-B	12	15	1580	1432	1445	1431	1446
ST-AC22-J	17	20	2299	2013	2034	2016	1964
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming	
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request	





BASIC MAX

SURFACE | A1



D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
200	450lm/5W	1110lm/10W
300	880lm/8W	1730lm/14W
400	1740lm/13W	3580lm/29W
500	2480lm/18W	4860lm/35W
600	3860lm/28W	7250lm/52W
900	6800lm/59W	11490lm/106W
1200	11890lm/107W	20110lm/195W

D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
200	470lm/5W	1160lm/10W
300	910lm/8W	1780lm/14W
400	1790lm/13W	3690lm/29W
500	2550lm/18W	5010lm/35W
600	3980lm/28W	7470lm/52W
900	7000lm/59W	11830lm/106W
1200	12250lm/107W	20700lm/195W

Lumen Values: Luminarie luminous flux at 4000K/CR>80. Other configurations on request.



PENDANTS

HADIS SERIES

The Hadis is a contemporary surface mounted downlight perfect for commercial and retail environments. Ideal for high ceilings and precise illumination to highlight key design spaces. Its cylindrical construction with inbuilt driver offers a range of beam angles to ensure this is an excellent choice for a full range of applications. Available with white, black, silver and gold reflectors. The Hadis is available in surface mounted and pendant format.



HADIS DP-A123

Dimensions: Ø80x130mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Wide
DP-A123-A	6	7	909	674	689	702
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

HADIS DP-A122

Dimensions: Ø93x150mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Medium
DP-A122-A	6	7	909	693	678	672
DP-A122-B	12	15	1523	1208	1219	1238
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

HADIS DP-A117

Dimensions: Ø117x174mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Medium	Medium	Wide
DP-A117-J	17	20	2230	1788	1821	1791
DP-A117-K	25	30	3226	2559	2566	2469
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request

MARS PENDANT

The Mars pendant light offers a modern, compact and elegant profile, perfect for hospitality, reception areas or general application. With high efficiency the Mars pendant offers an even lighting effect in two sizes. Phase dimmable and custom colours available on request.



MARS DP-A076

Dimensions: Ø400x250mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Very Wide		
DP-A076	27	32	2915	2118		
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request

MARS DP-A080

Dimensions: Ø586x300mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Very Wide		
DP-A080	58	66	5322	3831		
CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request





KING KONG PENDANT

The King Kong is a streamline commercial pendant with an integral driver and dimming capabilities. It is ideal for breakout areas and task lighting and to highlight particular areas within your space. Custom colours also available upon request.



KING KONG DS-A001

Dimensions: Ø320x250mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Very Narrow	Narrow	Medium	Wide
DS-A001-J	17	20	2280	2075	2052	2049	2034
DS-A001-K	25	30	3260	3092	3078	3026	3002
DS-A001-L	32	37	3850	3691	3701	3643	3633

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request

KING KONG DS-A002

Dimensions: Ø480x266mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Very Narrow	Narrow	Medium	Wide
DS-A002-J	17	20	2280	2075	2052	2048	2034
DS-A002-K	25	30	3260	3092	3078	3026	3001
DS-A002-L	32	37	3850	3693	3702	3643	3633

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request





JUNE II SERIES

The June II series offers an adjustable lens adapting the beam angle from narrow to spot with one simple twist of the lens. The June II has been redesigned to achieve a more compact design, a smoother transition when adjusting the distance between the lens and the source, and a new lens ensuring uniformity, integrity and no excess secondary spots. Offering such flexibility, this spotlight series with integrated built-in driver is suitable for all applications.



JUNE II DP-A128

Dimensions: Ø93x180mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)	
				Narrow~Wide	
DP-A128-B	12	15	1500	1113~1154	
DP-A128-J	17	20	2260	1824~1969	

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request

GALLERY SERIES

The streamline and compact design of the Gallery series allows for a built-in driver. This compact luminaire is powerful enough for any commercial or retail application offering a versatile range of output levels and beam angle options, and our market leading colour rendering. This spotlight series offers a compact design with the highest performance standards using a Miro reflector.



GALLERY DP-A092

Dimensions: Ø80x104x208mm

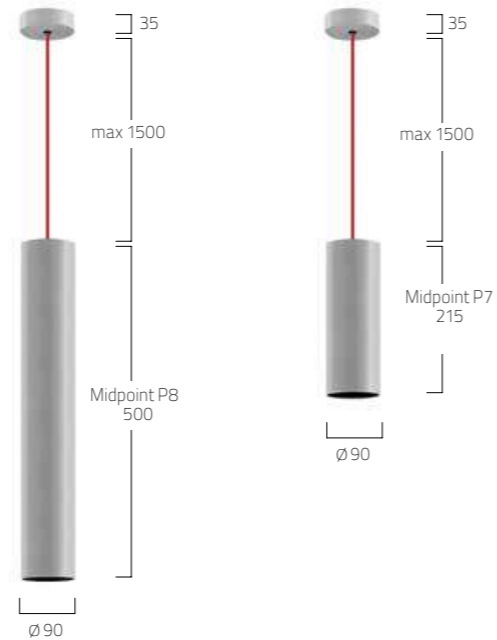
Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Narrow	Medium	Wide
DP-A092-J	17	20	2280	1887	1860	1823
DP-A092-K	25	30	3250	2816	2757	2701

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	50,000 hrs (L70)	BK / WH	230V 50Hz	Available on request

Very Narrow (<10°), Narrow (10°-24°), Medium (25°-44°), Wide (45°-90°)
 The information presented in this document is for information purposes only and does not constitute any obligation on our part.
 We reserved the right to make technical and design changes at any time and without notice.

MIDPOINT SUSPENDED | P7/P8

Lightnet



SPOT 10° LED ENGINE ECO, MEDIUM POWER

Mounting Height	Illuminance [Lux] center/side	Beam Diameter
1m	25250/12700	0.24m
2m	6312/3175	0.48m
3m	2806/1411	0.72m
4m	1578/794	0.95m

LED Engine	2700K	3000K	4000K
Eco Low Power [20W]	1230	1350	1440
Eco Medium Power [31W]	1660	1860	2020
Artist Low Power [21W]	1040	1090	1190
Artist Medium Power [33W]	1400	1480	1560

MEDIUM 20° LED ENGINE ECO, MEDIUM POWER

Mounting Height	Illuminance [Lux] center/side	Beam Diameter
1m	17447/8455	0.32m
2m	4362/2114	0.64m
3m	1939/939	0.96m
4m	1090/528	1.30m

LED Engine	2700K	3000K	4000K
Eco Low Power [20W]	1580	1740	1850
Eco Medium Power [31W]	2360	2640	2870
Artist Low Power [21W]	1330	1390	1510
Artist Medium Power [33W]	1980	2110	2220

FLOOD 35° LED ENGINE ECO, MEDIUM POWER

Mounting Height	Illuminance [Lux] center/side	Beam Diameter
1m	6251/2731	0.63m
2m	1563/683	1.30m
3m	695/303	1.90m
4m	391/171	2.50m

LED Engine	2700K	3000K	4000K
Eco Low Power [20W]	1530	1680	1790
Eco Medium Power [31W]	2280	2550	2780
Artist Low Power [21W]	1290	1350	1470
Artist Medium Power [33W]	1930	2060	2160

WIDE FLOOD 50° LED ENGINE ECO, MEDIUM POWER

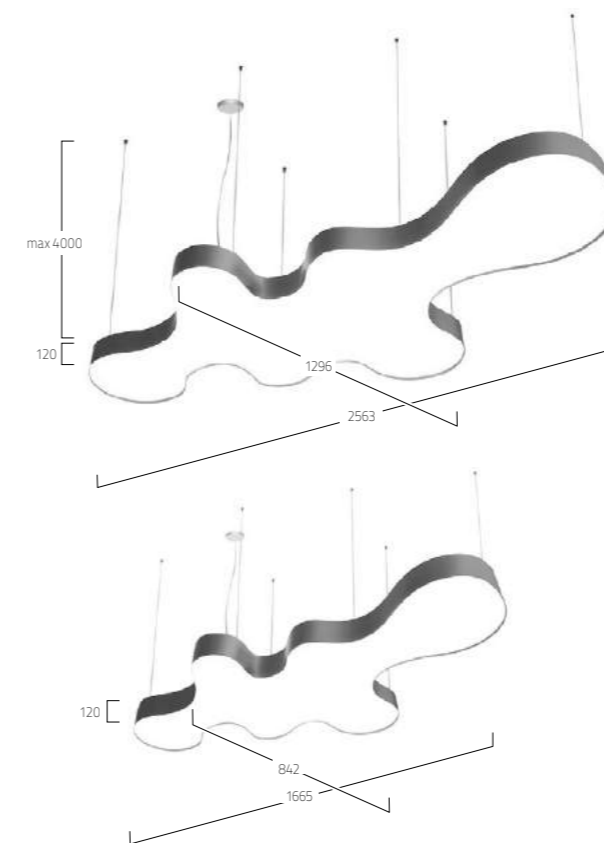
Mounting Height	Illuminance [Lux] center/side	Beam Diameter
1m	3550/1319	0.94m
2m	887/330	1.90m
3m	394/147	2.80m
4m	222/82	3.80m

LED Engine	2700K	3000K	4000K
Eco Low Power [20W]	1440	1580	1680
Eco Medium Power [31W]	2230	2490	2710
Artist Low Power [21W]	1250	1310	1430
Artist Medium Power [33W]	1910	2040	2140

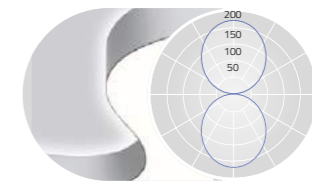


AMORPHICON SUSPENDED | G1/P1

Lightnet



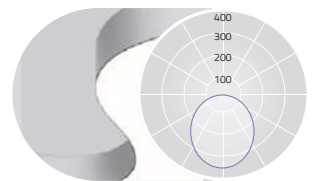
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT: ca. 50%

L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
1665	20390lm/153W	29690lm/245W
2563	51240lm/378W	74620lm/607W

OPAL DIFFUSER / DIRECT



DIRECT: 100%

L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
1665	10710lm/98W	15600lm/156W
2563	25430lm/232W	37040lm/373W

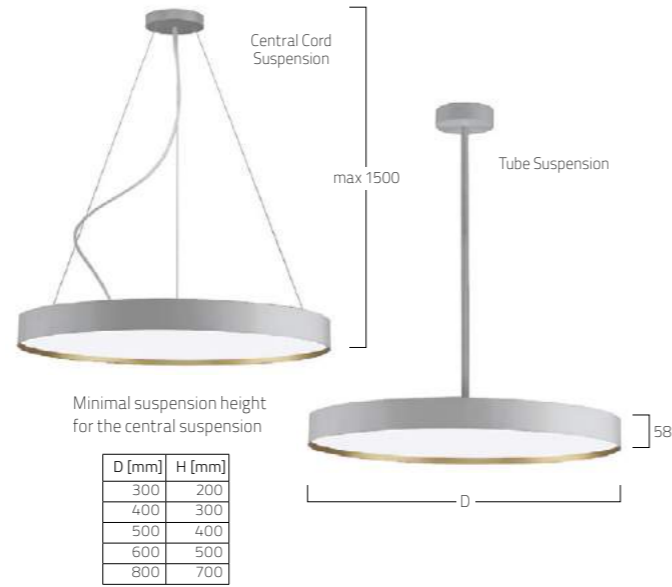
Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.



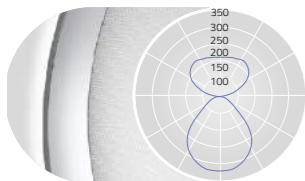
BASIC DÉCO

SUSPENDED | G3/P3

Lightnet



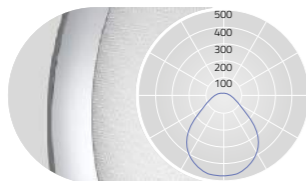
MICROPRISMATIC / DIRECT-INDIRECT



UGRs19 (X=4H, Y=8H, S=0.25H)
DIRECT: ca.50% INDIRECT ca.50%

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
300	1710lm/14W	2930lm/25W
400	3360lm/26W	5130lm/41W
500	4810lm/37W	7720lm/61W
600	6230lm/45W	9020lm/68W
800	11300lm/86W	13790lm/110W

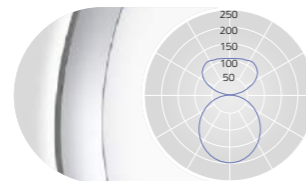
MICROPRISMATIC / DIRECT



UGRs19 for Medium Power (X=4H, Y=8H, S=0.25H)
DIRECT: 100%

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
300	920lm/8W	1590lm/13W
400	1750lm/14W	2760lm/21W
500	2730lm/22W	4510lm/36W
600	3950lm/28W	5810lm/42W
800	5960lm/43W	7360lm/54W

OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca.55% INDIRECT ca.45%

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
300	1690lm/14W	2900lm/25W
400	3360lm/26W	5130lm/41W
500	4830lm/37W	7780lm/61W
600	6330lm/45W	9130lm/68W
800	11460lm/86W	13990lm/110W

OPAL DIFFUSER / DIRECT



DIRECT: 100%

D mm	Lumen/Watt Medium Power	Lumen/Watt High Power
300	900lm/8W	1560lm/13W
400	1750lm/14W	2760lm/21W
500	2750lm/22W	4570lm/36W
600	4050lm/28W	5920lm/42W
800	6120lm/43W	7560lm/54W

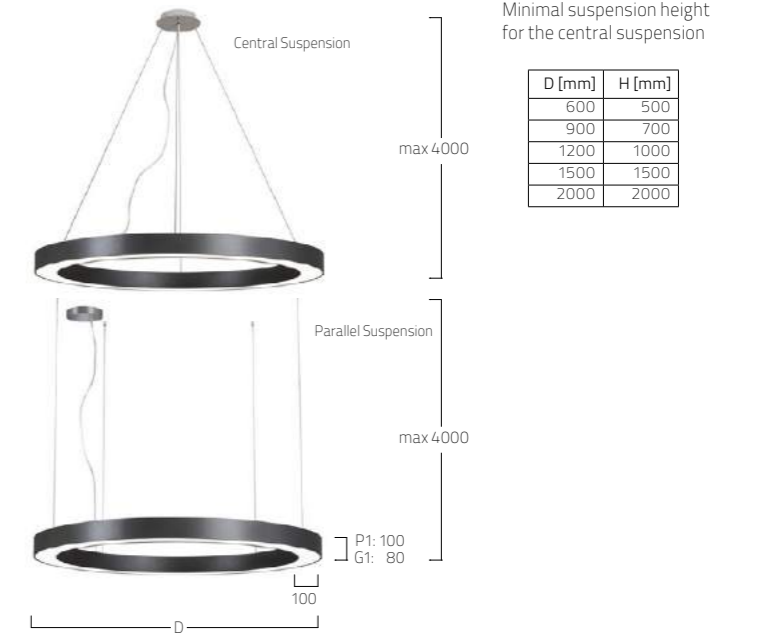
Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.



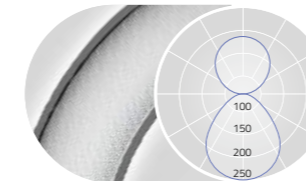
RINGO STAR 100MM

SUSPENDED | G6/P6

Lightnet



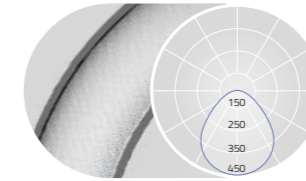
MICROPRISMATIC / DIRECT-INDIRECT



UGRs19 for Low Power (X=4H, Y=8H, S=0.25H)
DIRECT: ca.45% INDIRECT ca.55%

D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
600	6370lm/46W	9090lm/65W
900	10690lm/73W	14730lm/102W
1200	16130lm/106W	22260lm/148W
1500	20050lm/131W	27620lm/190W
2000	26730lm/171W	36830lm/247W
2500	30210lm/220W	45580lm/321W
3000	37840lm/260W	57200lm/397W
3500	40080lm/279W	60190lm/423W
4000	49140lm/350W	74180lm/519W
5000	59000lm/419W	88790lm/622W
6000	69980lm/482W	104880lm/730W
7000	88100lm/604W	132880lm/922W
8000	97400lm/674W	146740lm/1020W

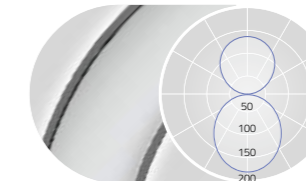
MICROPRISMATIC / DIRECT



DIRECT: 100%

D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
600	2600lm/25W	3560lm/35W
900	4140lm/39W	5580lm/54W
1200	6250lm/56W	8430lm/78W
1500	7770lm/70W	10450lm/102W
2000	10360lm/91W	13940lm/124W
2500	14510lm/124W	19410lm/156W
3000	17860lm/138W	23890lm/188W
3500	20090lm/157W	26870lm/214W
4000	23440lm/193W	31350lm/250W
5000	29020lm/225W	38810lm/307W
6000	35710lm/275W	47770lm/375W
7000	42410lm/329W	56730lm/448W
8000	47430lm/372W	63450lm/500W

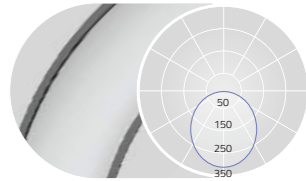
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca.40% INDIRECT ca.60%

D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
600	6460lm/46W	9220lm/65W
900	10840lm/73W	14930lm/102W
1200	16340lm/106W	22550lm/148W
1500	20320lm/131W	27990lm/190W
2000	27090lm/171W	37320lm/247W
2500	28210lm/220W	42900lm/321W
3000	35380lm/260W	53900lm/397W
3500	37300lm/279W	56470lm/423W
4000	45900lm/350W	69850lm/519W
5000	54990lm/419W	83420lm/622W
6000	65040lm/482W	98280lm/730W
7000	82230lm/604W	125040lm/922W
8000	90840lm/674W	137960lm/1020W

OPAL DIFFUSER / DIRECT



DIRECT: 100%

D mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
600	2690lm/25W	3680lm/35W
900	4290lm/39W	5770lm/54W
1200	6470lm/56W	8720lm/78W
1500	8040lm/70W	10820lm/102W
2000	10710lm/91W	14420lm/124W
2500	12500lm/124W	16720lm/156W
3000	15390lm/138W	20580lm/188W
3500	17310lm/157W	23160lm/214W
4000	20200lm/193W	27020lm/250W
5000	25010lm/225W	33450lm/307W
6000	30780lm/275W	41170lm/375W
7000	36550lm/329W	48890lm/448W
8000	40880lm/372W	54670lm/500W

Lumen Values: Luminaire luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



TRACK & SPOTS



LOGAN SPOTLIGHT

The Logan series offers a sleek track mounted spotlight with rotating lens head, the Logan is easily adaptable for accent lighting on a wall or vertically as a downlight. With an integrated driver the clever design of the Logan adjusts through 90° vertical plane and 355° horizontal plane. This luminaire is suitable for art galleries, museums, retail stores and residential applications. Available in track spot and surface spot.



LOGAN ST-AC22

Dimensions: Ø80x180mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)			
				Narrow	Narrow	Medium	Wide
ST-AC22-A	6	7	800	745	756	766	710
ST-AC22-B	12	15	1580	1432	1445	1431	1446
ST-AC22-J	17	20	2299	2013	2034	2016	1964

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request



CARL TRACK LIGHT

The Carl series offers a sleek range of LED track lights ideal for retail, hospitality and general display applications. Carl offers a versatile range of light head designs, illumination levels and beam angles. With our market leading colour rendering and easy adjustability, the Carl is an ideal luminaire to bring out the best in your design.



CARL ST-A092

Dimensions: Ø76x190mm

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)		
				Narrow	Medium	Wide
ST-A092-J	17	20	2284	1757	1745	1707
ST-A092-K	25	30	3253	2597	2586	2572
ST-A092-L	32	38	3850	3093	3041	3002

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request



JUNE II SERIES

The June II series offers an adjustable lens adapting the beam angle from narrow to wide with one simple twist of the lens. The June II has been redesigned to achieve a more compact design, a smoother transition when adjusting the distance between the lens and the source, and a new lens ensuring uniformity, and no excess secondary spotting. Offering such flexibility, this spotlight series with in-track driver is suitable for all applications.



JUNE II ST-A622

Dimensions: Ø118x101x208mm with 15~31 Adjustable Lens

Model	Source Power (W)	System Power (W)	Source Lumen (Lm) (CRI>80, 3000K)	System Lumen (Lm) / Beam Angle (CRI>80, 3000K)	
				Narrow~Wide	
ST-A622-K	25	30	3250	2299~2882	
ST-A622-L	32	37	3920	2688~3395	

CRI	CCT	Material	LED Lifetime	Colour	Voltage	Dimming
>80/>90	3000K/4000K	Aluminium	L80B50 (14K) 56,000 hrs	BK / WH	220-240V	Available on request





LED STRIP + PROFILE

LED STRIP



Flexible strip lighting is an effective and economic way to highlight architectural elements or illuminate other areas to particular affect. Our commercial grade strip offers four illumination levels and two CCT colours. The five metre lengths can be cut to fit (by a suitably qualified person) or used in multiples length combinations.

For a clean finished look, we offer a variety of aluminium profiles. Optional end caps and a frosted or clear diffuser are available. Suitable for any interior application including kitchen, wardrobe railing, residential, architectural, retail or display lighting. Our LED strips have a projected lamp life of L70 (9K) >54,000 hours.



FLS2835

Model	Delivered Lumens	System Power	CCT	LEDs/M	LED Width
LPA-FLS-2835-5	656Lm/M	4.8W/M	3000K/4000K	64 LEDs/M	8x1.2mm
LPA-FLS-2835-10	1330Lm/M	9.6W/M	3000K/4000K	128 LEDs/M	8x1.2mm
LPA-FLS-2835-13	1760Lm/M	13W/M	3000K/4000K	160 LEDs/M	8x1.2mm
LPA-FLS-2835-23	3670Lm/M	23W/M	3000K/4000K	128 LEDs/M	12x1.2mm

Beam Angle	CRI	Material	Voltage	Colour	Dimming Options
120°	>80/>90	Aluminium	24V DC	BK / WH / SIL	Available on request



NEON FLEX

Flexible strip lighting is an effective and economic way to highlight architectural elements or illuminate other areas to particular effect. The Neon Flex series offers a new style in eco-friendly material. Available for both indoors and outdoor applications, the Neon Flex offers easy installation. The Neon Flex series has a projected lamp life of L70 (9K) >54,000 hours.



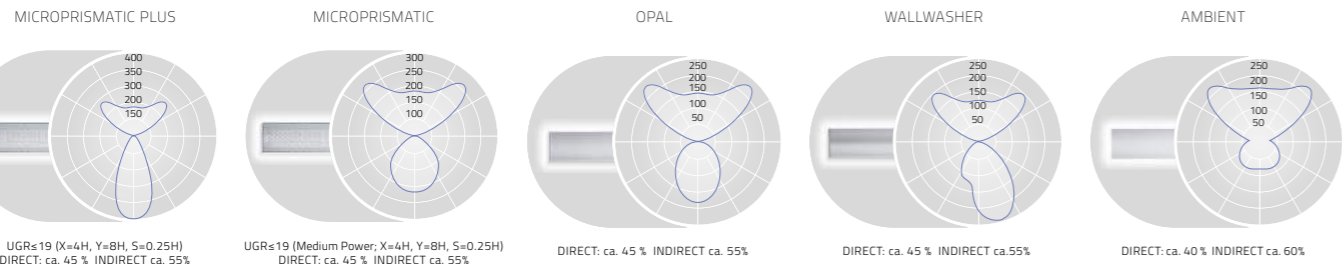
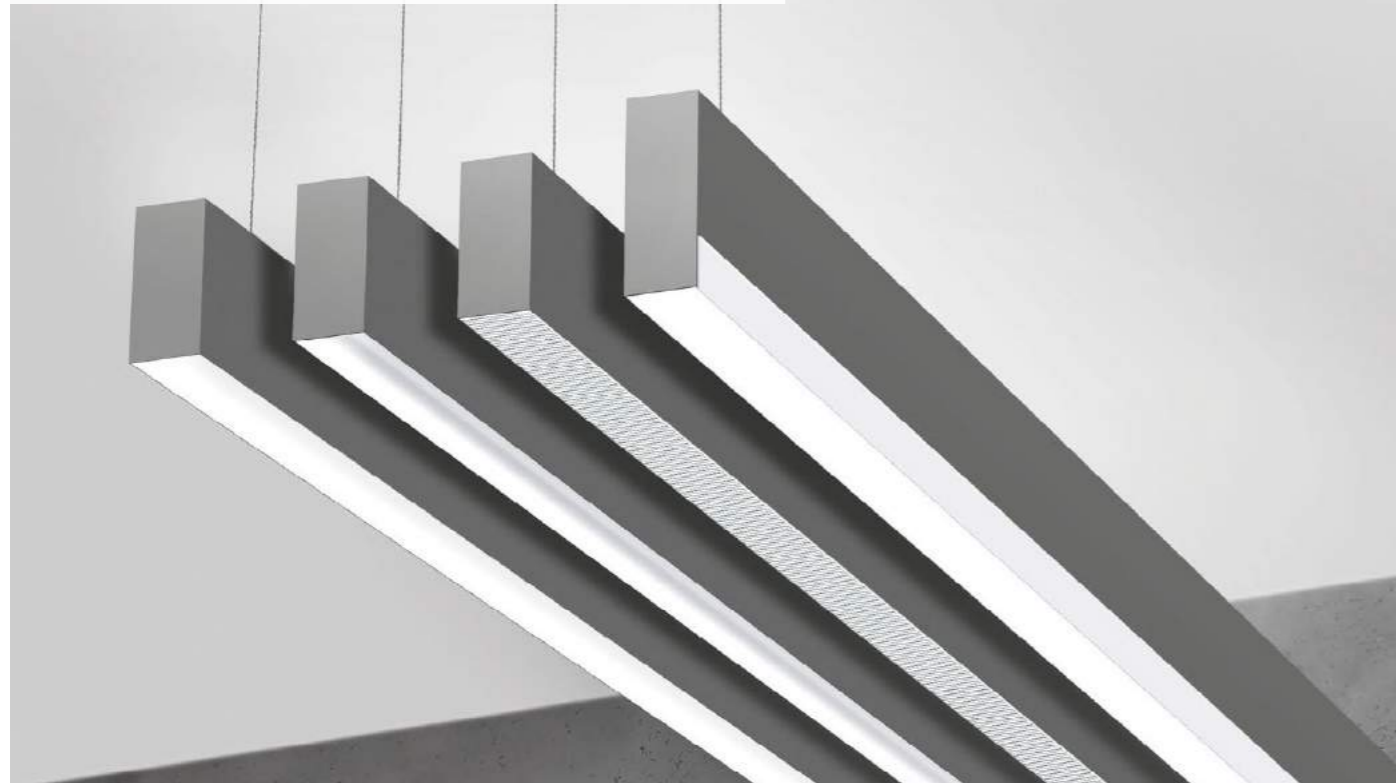
NF-TA

Model	Delivered Lumens	System Power	CCT	LEDs/M	LED Width
LPA-NF-TA8-9.6W	325Lm/M	9.6W/M	2500-6000K, RGBW	84 LEDs/M	8x12mm
LPA-NF-TA8-11.8W	390Lm/M	11.8W/M	2500-6000K, RGBW	120 LEDs/M	8x12mm
LPA-NF-TA8-17W	865Lm/M	17W/M	2500-6000K, RGBW	96 LEDs/M	8x12mm
LPA-NF-TA8-22.8W	1113Lm/M	22.8W/M	2500-6000K, RGBW	128 LEDs/M	8x12mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Eco friendly silicone	24V DC	Opal/Aluminium Mounting	Available on request

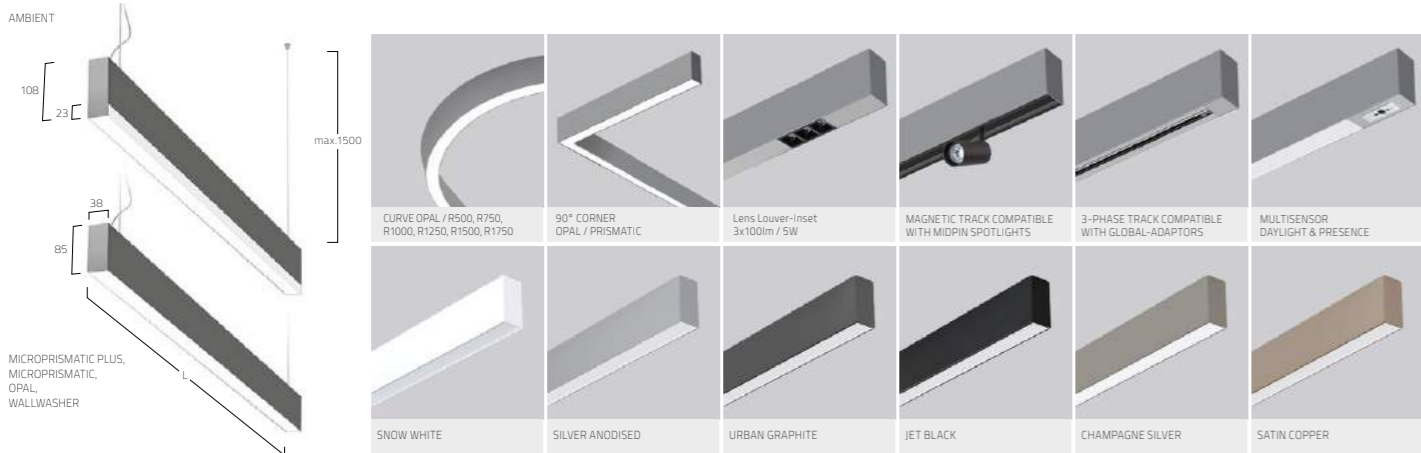
MATRIC 38MM

SUSPENDED DIRECT-INDIRECT | R1



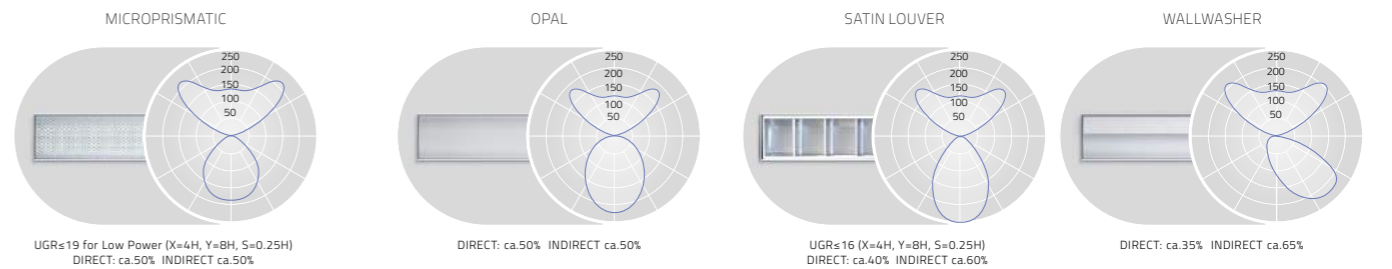
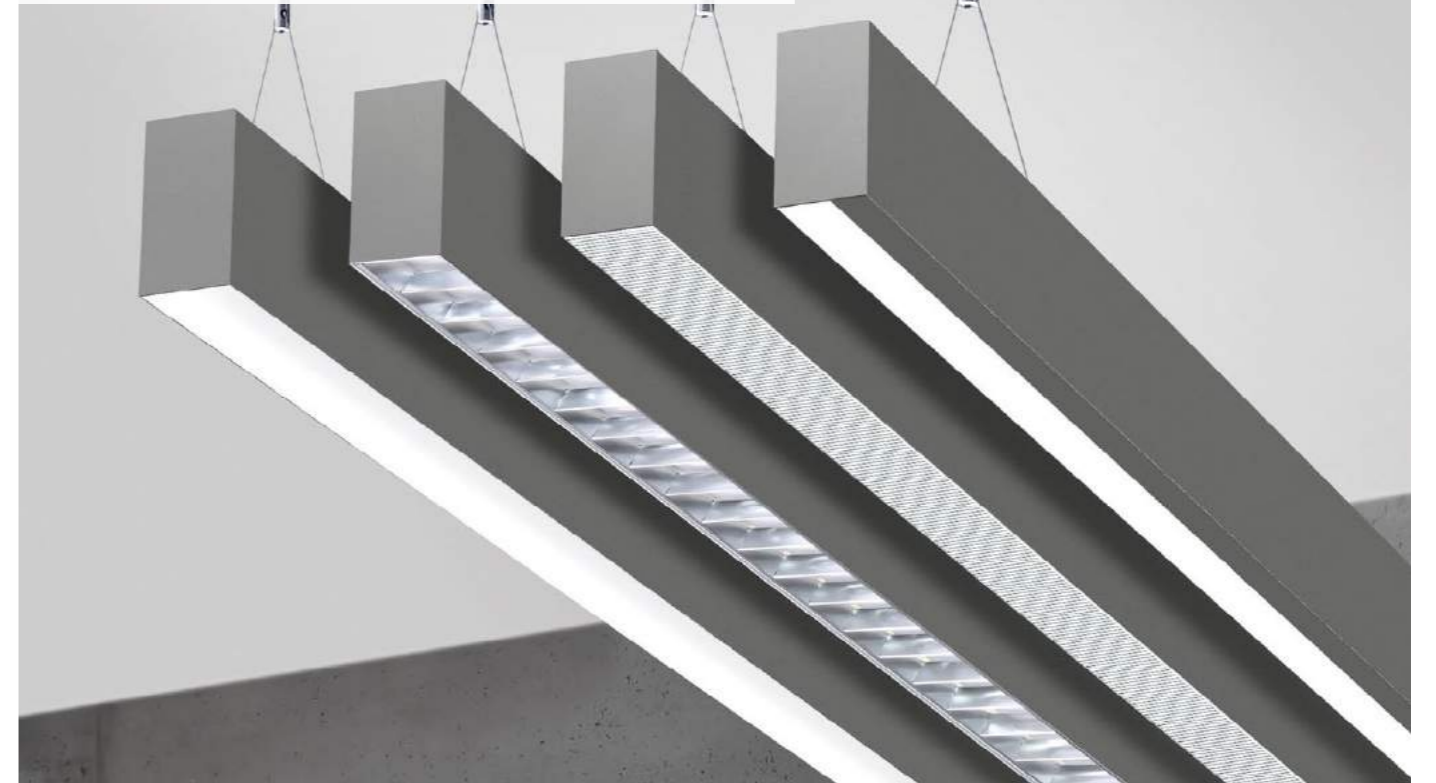
L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power																																																									
890	2590lm/19W	3970lm/30W	890	2790lm/22W	3780lm/30W	890	2890lm/22W	3910lm/30W	890	2850lm/22W	3850lm/30W	890	2640lm/22W	3580lm/30W	1182	3500lm/25W	5380lm/39W	1182	3790lm/29W	5120lm/39W	1182	3920lm/29W	5300lm/39W	1182	3860lm/29W	5220lm/39W	1182	3590lm/29W	4850lm/39W	1475	4420lm/30W	6790lm/48W	1475	4780lm/35W	6470lm/48W	1475	4940lm/35W	6680lm/48W	1475	4880lm/35W	6590lm/48W	1475	4530lm/35W	6130lm/48W	1765	5340lm/36W	8200lm/58W	1765	5780lm/42W	7810lm/58W	1765	5970lm/42W	8070lm/58W	1765	5890lm/42W	7960lm/58W	1765	5480lm/42W	7410lm/58W	2055	6260lm/42W	9610lm/66W	2055	6770lm/48W	9160lm/66W	2055	7000lm/48W	9460lm/66W	2055	6900lm/48W	9330lm/66W	2055	6420lm/48W	8690lm/66W

Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.



MATRIC 55MM

SUSPENDED DIRECT-INDIRECT | R3



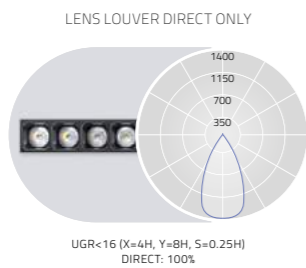
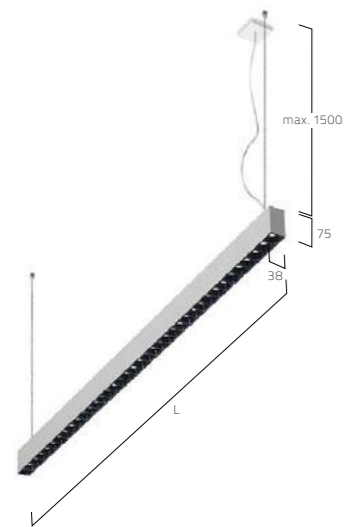
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power																																																								
890	2520lm/19W	3850lm/33W	5430lm/47W	890	2600lm/19W	3980lm/33W	5620lm/47W	890	3300lm/33W	4640lm/47W	890	3070lm/27W	4200lm/37W	1182	3420lm/25W	5210lm/42W	7350lm/61W	1182	3520lm/25W	5380lm/42W	7600lm/61W	1182	4480lm/42W	6300lm/61W	1182	4170lm/34W	5710lm/48W	1475	4310lm/30W	6570lm/52W	9270lm/75W	1475	4440lm/30W	6790lm/52W	9590lm/75W	1475	5660lm/52W	7950lm/75W	1475	5270lm/43W	7220lm/61W	1765	5210lm/36W	7930lm/61W	11190lm/89W	1765	5370lm/36W	8190lm/61W	11570lm/89W	1765	6840lm/61W	9610lm/89W	1765	6370lm/51W	8730lm/73W	2055	6110lm/42W	9290lm/69W	13110lm/100W	2055	6290lm/42W	9590lm/69W	13550lm/100W	2055	8020lm/69W	11260lm/100W	2055	7470lm/60W	10240lm/86W

Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.



MATRIC 38MM LENS LOUVRE

SUSPENDED DIRECT | G1



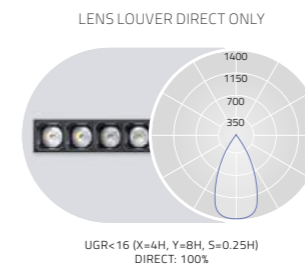
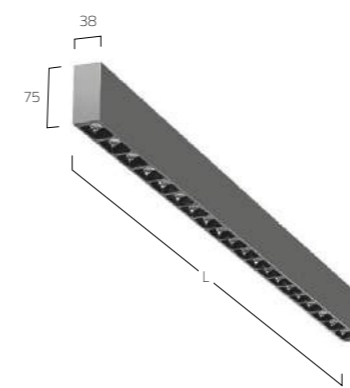
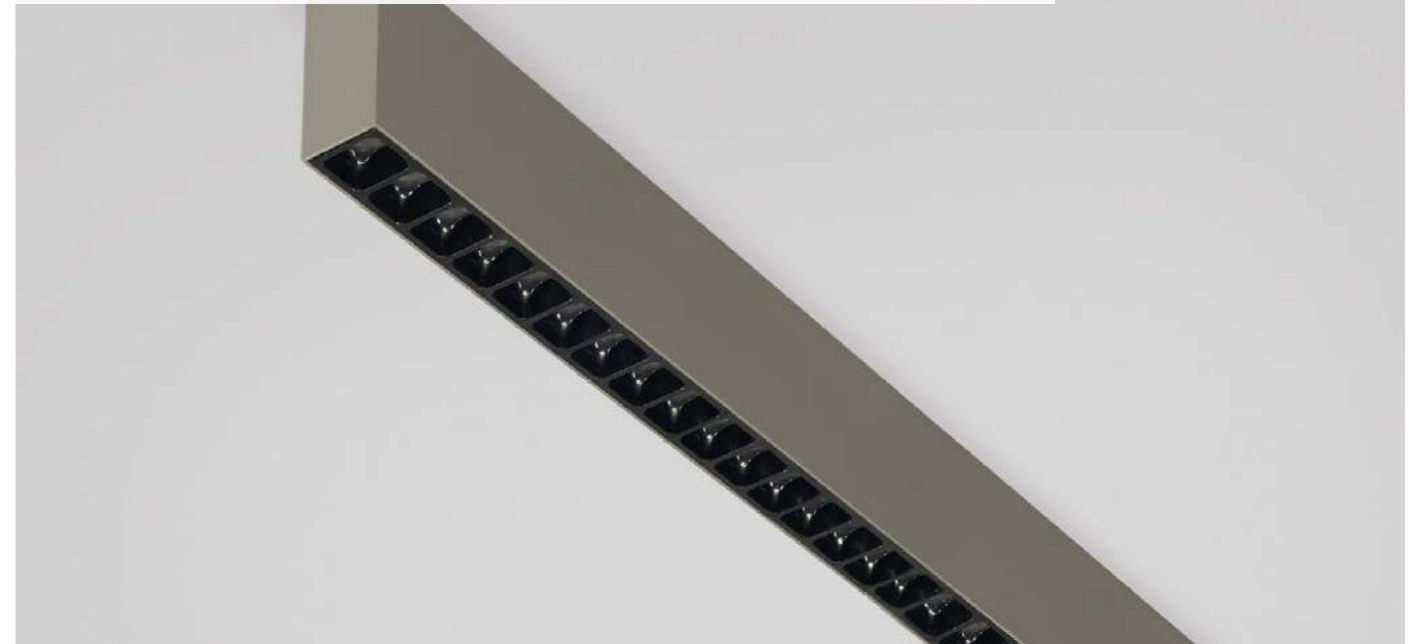
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
953	1800lm/20W	2900lm/33W
1237	2340lm/25W	3770lm/42W
1521	2880lm/31W	4640lm/52W
1805	3420lm/36W	5510lm/61W

Lumen Values: Luminarie luminous flux at 4000K/CRI>80. Other configurations on request.



MATRIC 38MM LENS LOUVRE

SURFACE | A1



L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power
669	1260lm/15W	2030lm/24W
953	1800lm/20W	2900lm/33W
1237	2340lm/25W	3770lm/42W
1521	2880lm/31W	4640lm/52W
1805	3420lm/36W	5510lm/61W





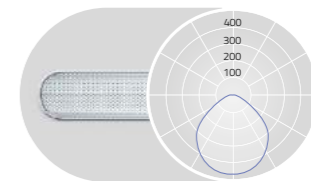
CALEO

LINEAR SUSPENDED | G3/R4

Lightnet



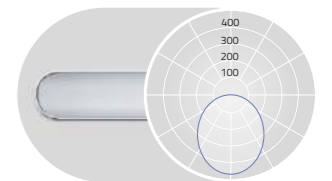
G3 MICROPRISMATIC



DIRECT 100%

L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
894	1580lm/22W	2290lm/34W
1182	2110lm/28W	3050lm/43W
1475	2640lm/34W	3820lm/52W

G3 OPAL

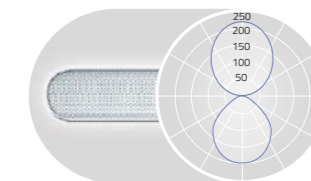


DIRECT 100%

L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
894	2240lm/22W	3230lm/34W
1182	2980lm/28W	4310lm/43W
1475	3730lm/34W	5390lm/52W

Lumen Values: Luminarie luminous flux at 4000K/CRI>80. Other configurations on request.

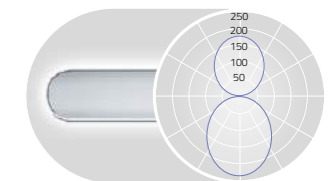
R4 MICROPRISMATIC



UGR≤ 19 (X=4H, Y=8H, S=0.25H)
DIRECT: ca.50% INDIRECT ca.50%

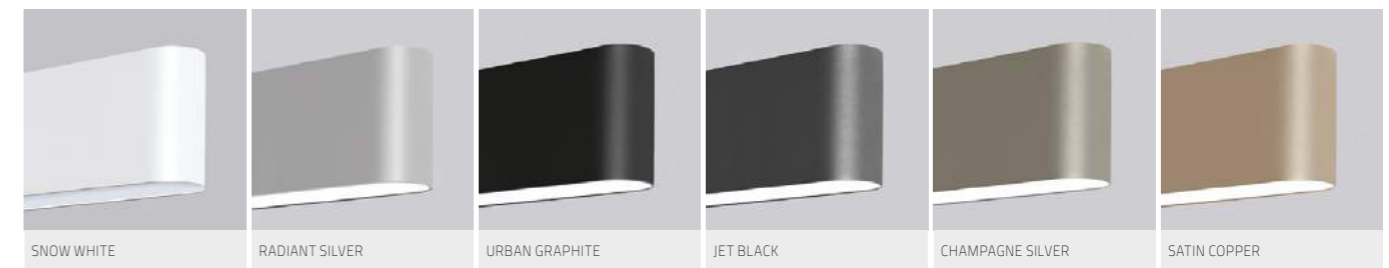
L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
894	3260lm/36W	4580lm/53W
1182	4410lm/46W	6200lm/68W
1475	5560lm/57W	7830lm/83W

R4 OPAL



DIRECT: ca.55% INDIRECT ca.45%

L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
894	3910lm/36W	5520lm/53W
1182	5280lm/46W	7460lm/68W
1475	6650lm/57W	9400lm/83W

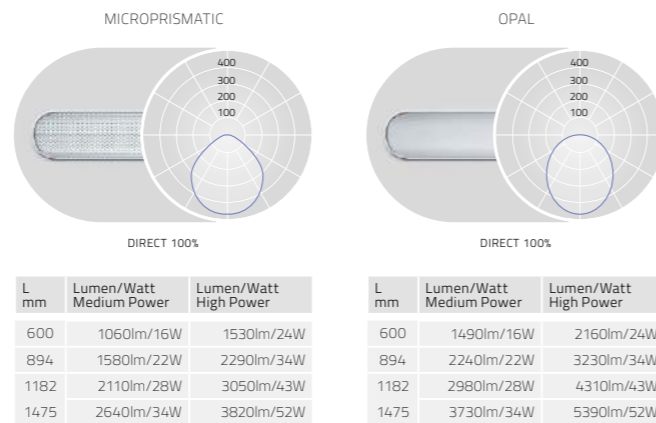
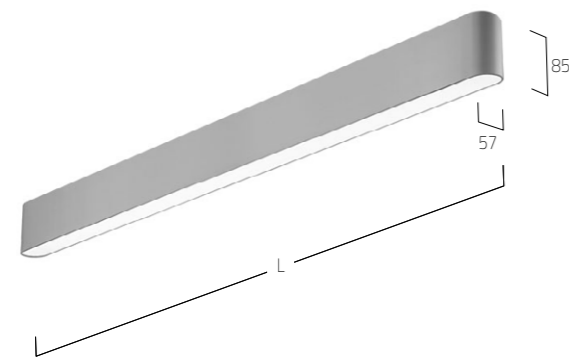
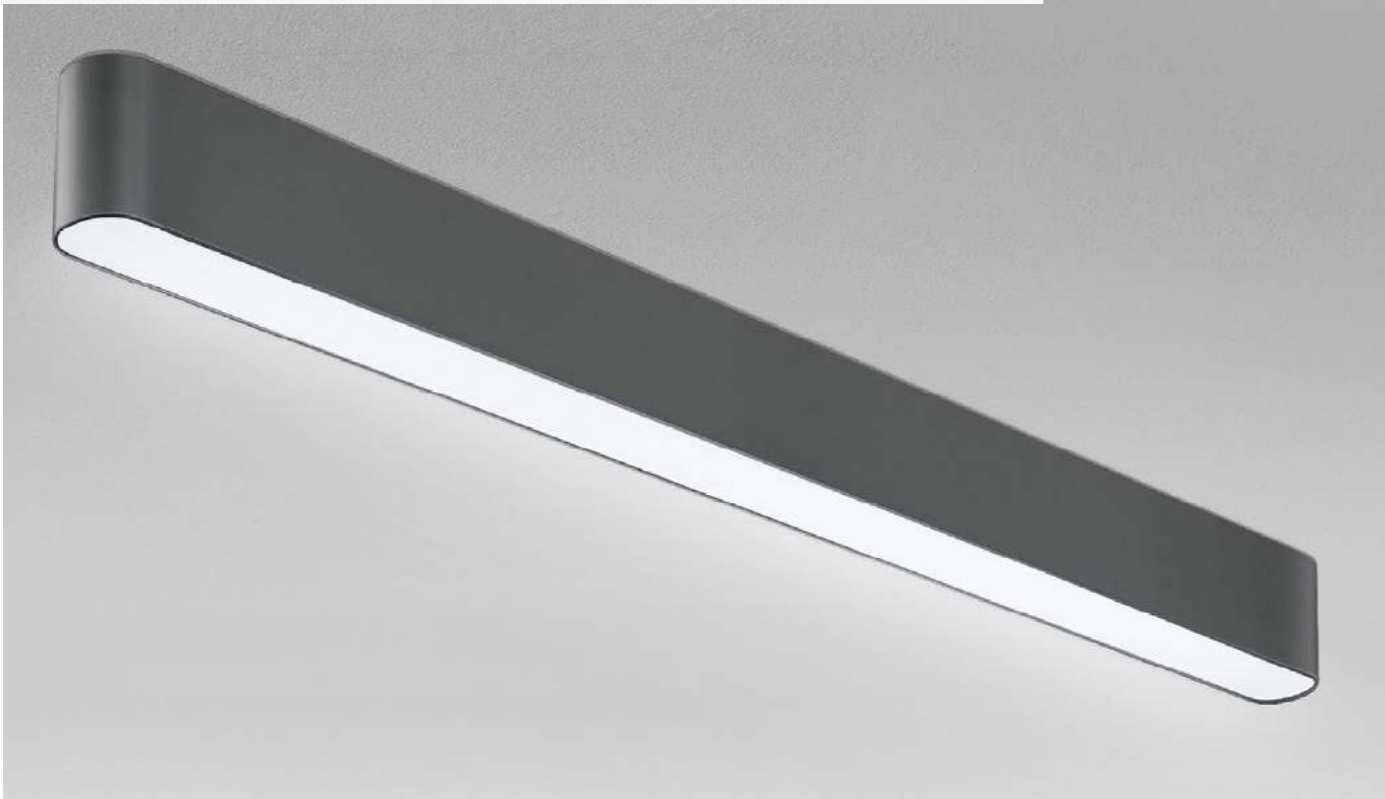


Very Narrow (<math><10^\circ</math>), Narrow (The information presented in this document is for information purposes only and does not constitute any obligation on our part.
We reserved the right to make technical and design changes at any time and without notice.

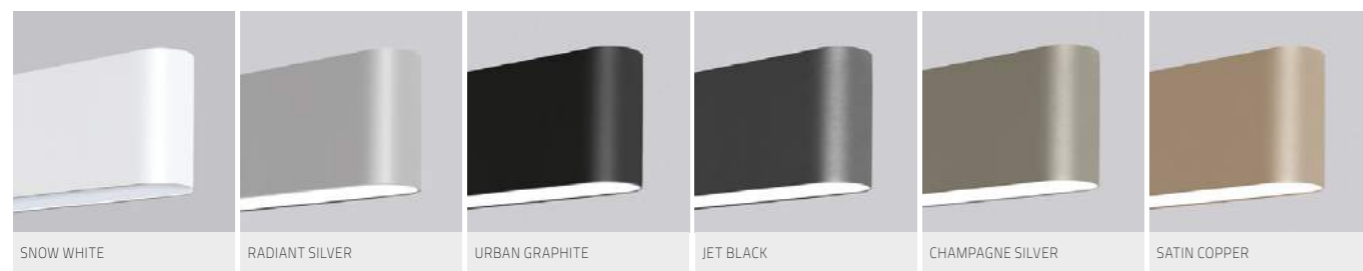
CALEO

LINEAR SURFACE | A3

Lightnet



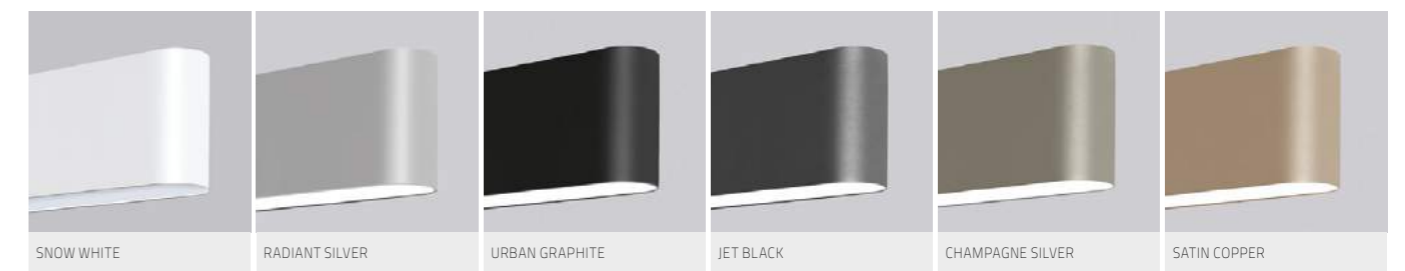
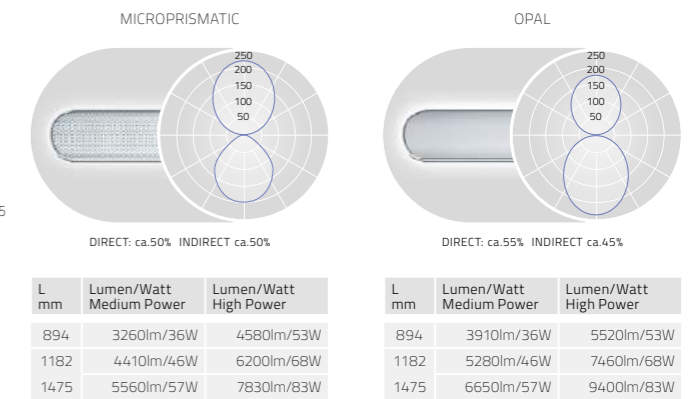
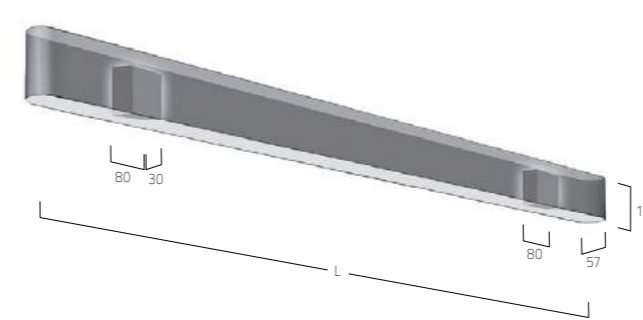
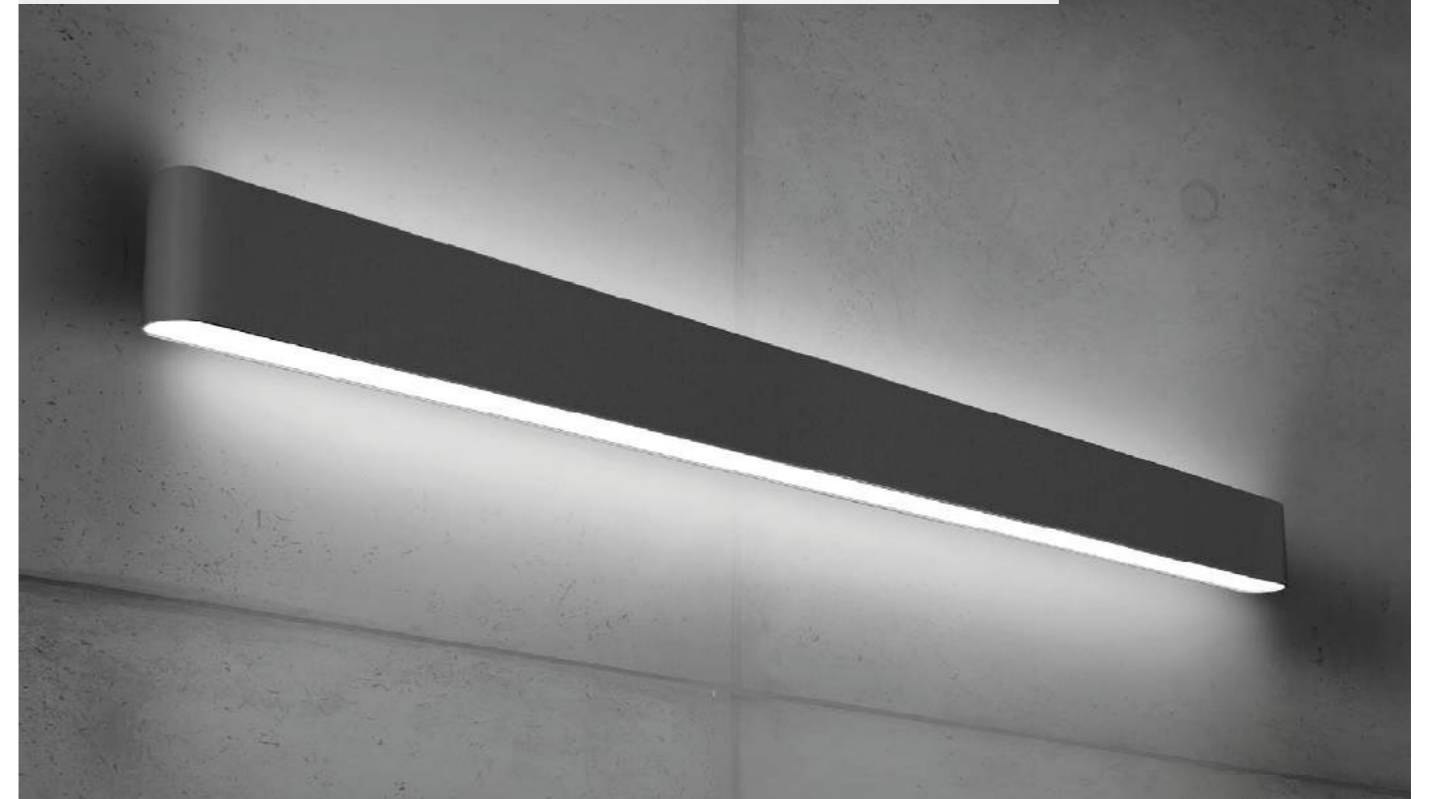
Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.



CALEO

LINEAR WALL | W4

Lightnet



LIQUID LINE
SUSPENDED, SURFACE & RECESSED

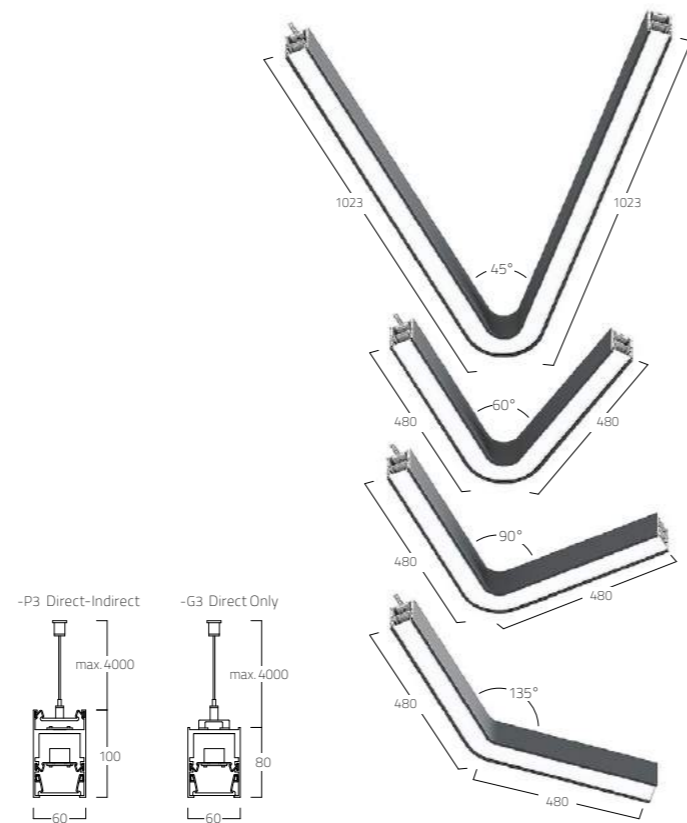
Lightnet



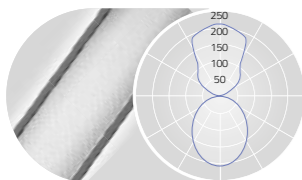
LIQUID LINE BEND MODULES

SUSPENDED | G3/P3

Lightnet



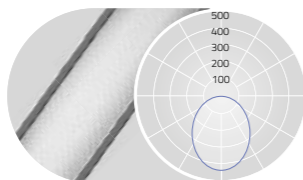
MICROPRISMATIC / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT ca. 50%

Lumen/Watt Low Power	3050lm/27W per m
Lumen/Watt Medium Power	4470lm/40W per m
Lumen/Watt High Power	5410lm/52W per m

MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

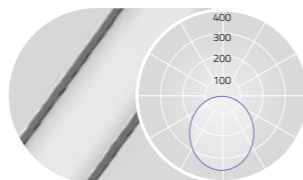
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca.40% INDIRECT ca.60%

Lumen/Watt Low Power	2820lm/27W per m
Lumen/Watt Medium Power	4130lm/40W per m
Lumen/Watt High Power	4970lm/52W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m

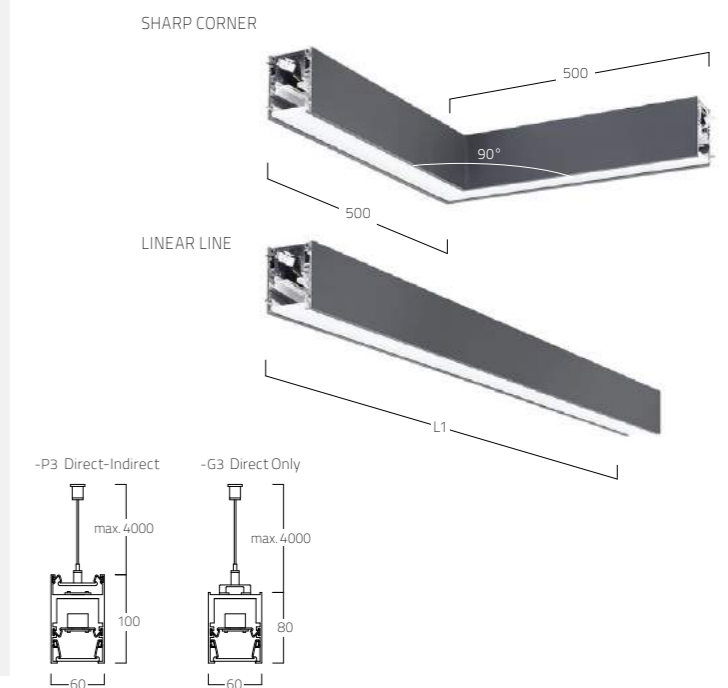
Lumen Values: Luminarie luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



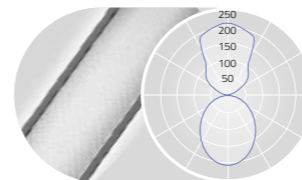
LIQUID LINE LINEAR MODULES

SUSPENDED | G3/P3

Lightnet



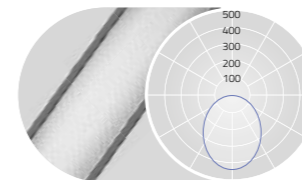
MICROPRISMATIC / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT ca. 50%

Lumen/Watt Low Power	3050lm/27W per m
Lumen/Watt Medium Power	4470lm/40W per m
Lumen/Watt High Power	5410lm/52W per m

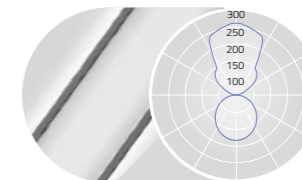
MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

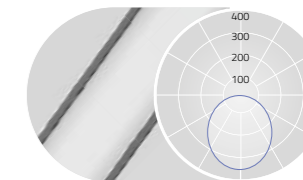
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca.40% INDIRECT ca.60%

Lumen/Watt Low Power	2820lm/27W per m
Lumen/Watt Medium Power	4130lm/40W per m
Lumen/Watt High Power	4970lm/52W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m

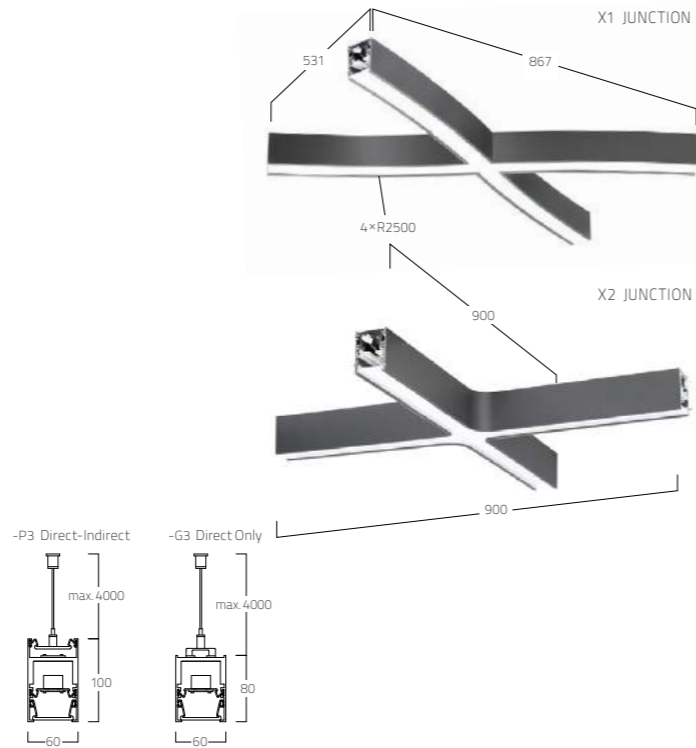
Lumen Values: Luminarie luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



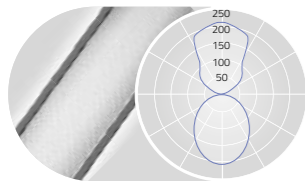
LIQUID LINE X-JUNCTIONS MODULES

SUSPENDED | G3/P3

Lightnet



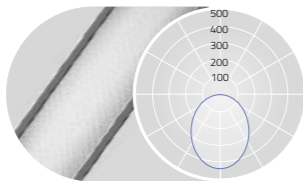
MICROPRISMATIC / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT ca. 50%

Lumen/Watt Low Power	3050lm/27W per m
Lumen/Watt Medium Power	4470lm/40W per m
Lumen/Watt High Power	5410lm/52W per m

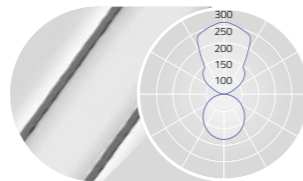
MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

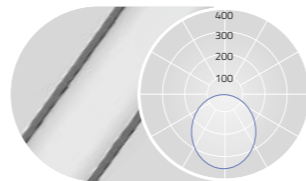
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca. 40% INDIRECT ca. 60%

Lumen/Watt Low Power	2820lm/27W per m
Lumen/Watt Medium Power	4130lm/40W per m
Lumen/Watt High Power	4970lm/52W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m

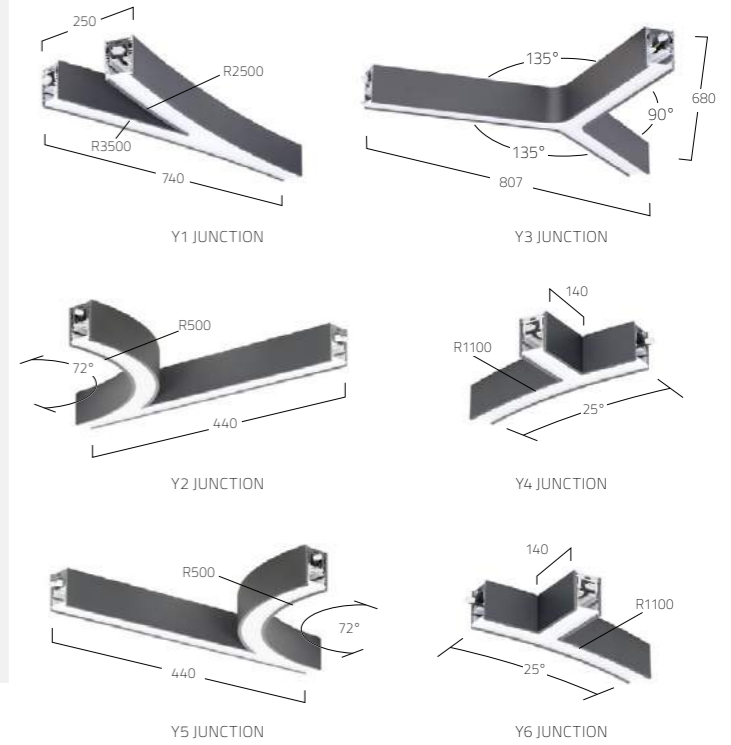
Lumen Values: Luminarie luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



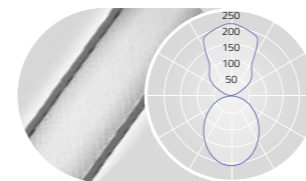
LIQUID LINE Y-JUNCTIONS MODULES

SUSPENDED | G3/P3

Lightnet



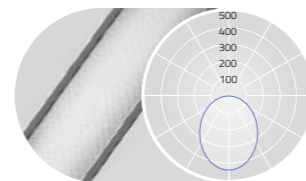
MICROPRISMATIC / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT ca. 50%

Lumen/Watt Low Power	3050lm/27W per m
Lumen/Watt Medium Power	4470lm/40W per m
Lumen/Watt High Power	5410lm/52W per m

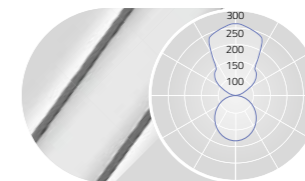
MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

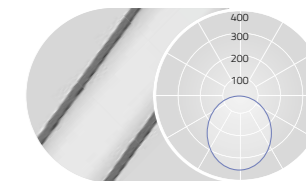
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca. 40% INDIRECT ca. 60%

Lumen/Watt Low Power	2820lm/27W per m
Lumen/Watt Medium Power	4130lm/40W per m
Lumen/Watt High Power	4970lm/52W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m

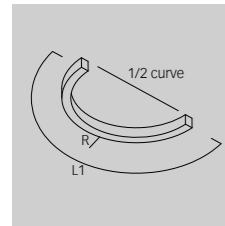
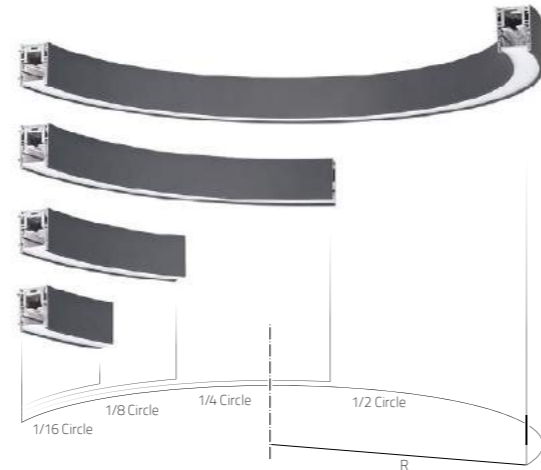
Lumen Values: Luminarie luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



LIQUID LINE CURVES MODULES

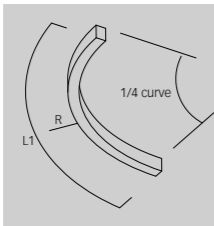
SUSPENDED | G3/P3

Lightnet



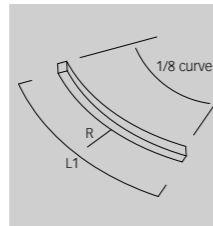
R [mm]	L [mm]
500	1570
750	2355
1000	3140

1/2 CURVE - CH



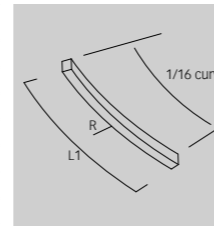
R [mm]	L [mm]
500	785
750	1178
1000	1571
1250	1964
1500	2356
1750	2749
2000	3142

1/4 CURVE - CQ



R [mm]	L [mm]
1000	785
1500	1178
2000	1571
2500	1964
3000	2356
3500	2749
4000	3142

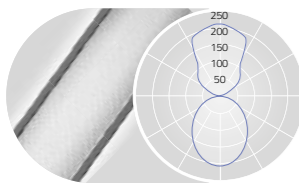
1/8 CURVE - CE



R [mm]	L [mm]
2000	785
3000	1178
3500	1374

1/16 CURVE - CS

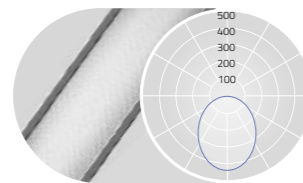
MICROPRISMATIC / DIRECT-INDIRECT



DIRECT: ca. 50% INDIRECT ca. 50%

Lumen/Watt Low Power	3050lm/27W per m
Lumen/Watt Medium Power	4470lm/40W per m
Lumen/Watt High Power	5410lm/52W per m

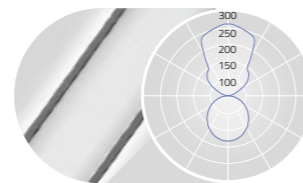
MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

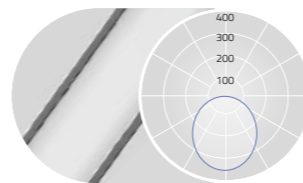
OPAL DIFFUSER / DIRECT-INDIRECT



DIRECT: ca.40% INDIRECT ca.60%

Lumen/Watt Low Power	2820lm/27W per m
Lumen/Watt Medium Power	4130lm/40W per m
Lumen/Watt High Power	4970lm/52W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m

Lumen Values: Luminarie luminous flux at 4000K/CRI>80 / surface finished Snow White. Other configurations on request.



LIQUID LINE
SURFACE | A3

Lightnet

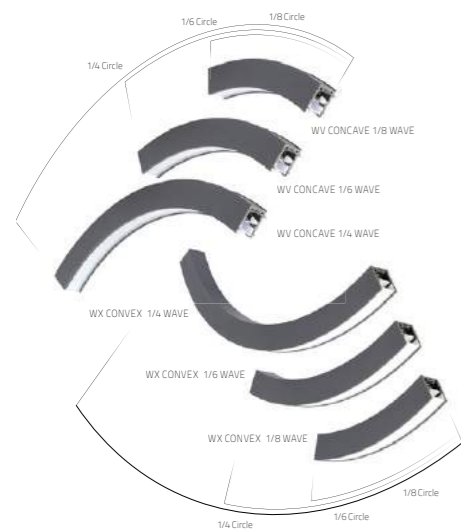


LIQUID LINE
SURFACE | A3

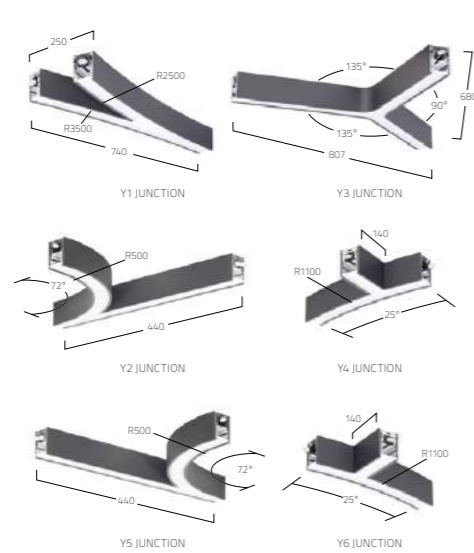
Lightnet



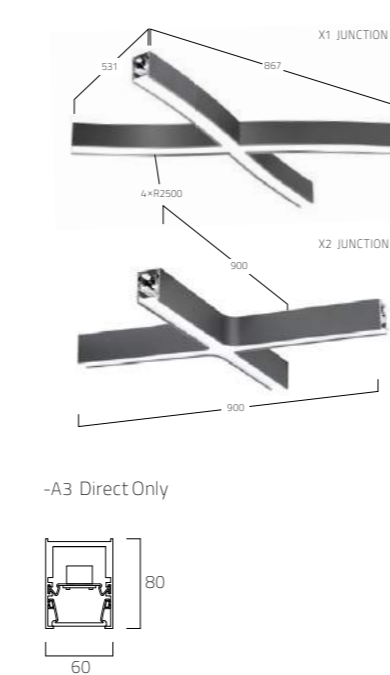
WAVE MODULES



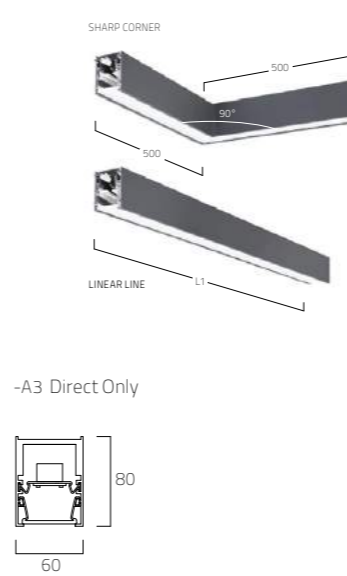
Y-JUNCTIONS



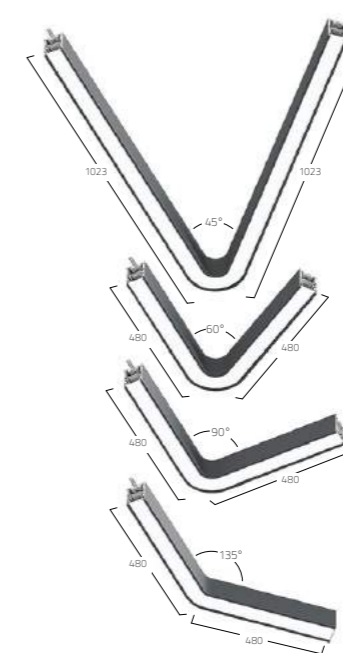
X-JUNCTIONS



LINEAR MODULES



BEND MODULES



CURVE MODULES

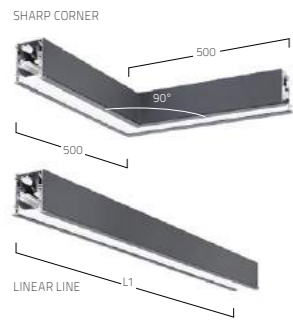


LIQUID LINE RECESSED | F3

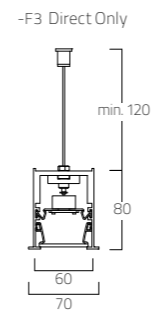
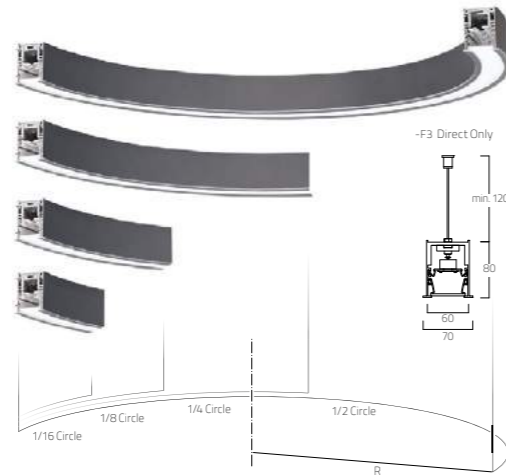
Lightnet



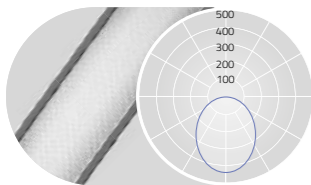
LINEAR MODULES



CURVE MODULES



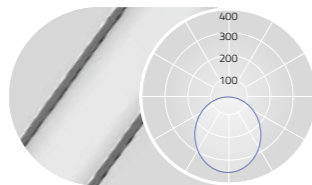
MICROPRISMATIC / DIRECT



DIRECT: 100%

Lumen/Watt Low Power	1420lm/17W per m
Lumen/Watt Medium Power	2070lm/23W per m
Lumen/Watt High Power	2690lm/32W per m

OPAL DIFFUSER / DIRECT



DIRECT: 100%

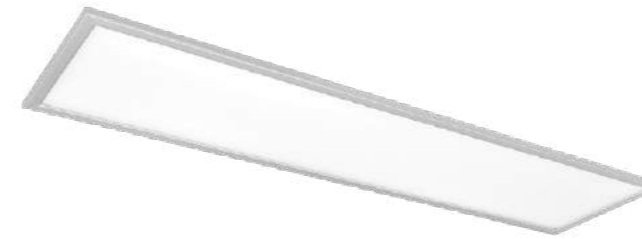
Lumen/Watt Low Power	1190lm/17W per m
Lumen/Watt Medium Power	1730lm/23W per m
Lumen/Watt High Power	2250lm/32W per m





PANELS & TROFFERS

INDUS II PANEL



LED panels revolutionised lighting in commercial and retail spaces and our market-leading products and options are ready to meet your every application. Our quality reflects our focus on flexibility; a flexibility that ensures the best lighting outcome for every client. The ultra slim profile fits seamlessly into any workplace and can be T-bar, plaster recessed, surface mounted or suspended. The micro-prismatic diffuser delivers low-glare and our LED selection ensures excellent colour rendering to further enhance the comfort and efficiency of the lit space. The Indus series has a projected lamp life of L90B10 (9K) > 54,000 hours. Available in a COI version.



INDUS II - RECTANGLE

Dimensions: 595x295x10mm

Model	System Lumen	System Power	CCT	Beam Angle
PA-INDR2-18	1660Lm	18W	3000K/4000K	90°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	White	Available on request

INDUS II - RECTANGLE

Dimensions: 1195x295x10mm

Model	System Lumen	System Power	CCT	Beam Angle
PA-INDR2-26	3100Lm	26W	3000K/4000K	90°
PA-INDR2-42	4400Lm	42W	3000K/4000K	90°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	White	Available on request

INDUS II - SQUARE

Dimensions: 595x595x10mm

Model	System Lumen	System Power	CCT	Beam Angle
PA-INDS2-26	3100Lm	26W	3000K/4000K	90°
PA-INDS2-42	4400Lm	42W	3000K/4000K	90°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	White	Available on request



CLEANROOM

The LPA Cleanroom fitting has been designed to meet the requirements of healthcare installation suitable for cleanroom application offering easy, quick cleaning, long lifetime and high colour rendering.

A simple and modern fitting achieving optimal performance and energy efficiency. With a variety of illumination levels and power outputs, our range of luminaires deliver flexibility ensuring the best lighting outcome for every client.

Available in IP44 or IP65 and a COI version perfect for hygiene environments. The Cleanroom series has a projected lamp life of L70 (10K) >60,000 hours. Available in t-bar and plaster recessed installation.



CLEANROOM - IP44

Dimensions: 595x295x88mm

Model	System Lumen	System Power	CCT	Beam Angle
TR-CL60C-23-4K (IP44)	1900Lm	23W	4000K	115°
CRI	Material	Voltage	Colour	Dimming Options
>90	Aluminium	220-240V	White	Available on request

CLEANROOM - IP44

Dimensions: 1195x295x88mm

Model	System Lumen	System Power	CCT	Beam Angle
TR-CL12C-35-4K (IP44)	3300Lm	35W	4000K	115°
TR-CL12C-50-4K (IP44)	4800Lm	50W	4000K	115°
CRI	Material	Voltage	Colour	Dimming Options
>90	Aluminium	220-240V	White	Available on request

CLEANROOM - IP65

Dimensions: 595x295x88mm

Model	System Lumen	System Power	CCT	Beam Angle
TR-CL60-23-4K (IP65)	1900Lm	23W	4000K	115°
CRI	Material	Voltage	Colour	Dimming Options
>90	Aluminium	220-240V	White	Available on request

CLEANROOM - IP65

Dimensions: 1195x330x90mm

Model	System Lumen	System Power	CCT	Beam Angle
TR-CL12-35-4K (IP65)	3300Lm	35W	4000K	115°
TR-CL12-50-4K (IP65)	4800Lm	50W	4000K	115°
CRI	Material	Voltage	Colour	Dimming Options
>90	Aluminium	220-240V	White	Available on request





ELIZA TROFFER

For a high quality premium troffer, the Eliza series ticks all the boxes with direct and indirect illumination. The centre diffuser is designed to optimise the lighting output while the indirect illumination provide ambient lighting. With its flexibility in size and illumination levels, this troffer ensures the best lighting outcome for every client. The Eliza is ideal for commercial, educational and health service environments. This series has a projected lamp life of L90 (9K) 52,000 hours.



ELIZA TR-EL12030

Dimensions: 1195x295x72mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
TR-EL12030-34-4K	3300Lm	34W	4000K	110°
CRI	Material	Voltage	Colour	Dimming Options
>80	PMMA & Steel	220-240V	White	Available on request

ELIZA TR-EL6060

Dimensions: 595x595x72mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
TR-EL6060-34-4K	3300Lm	34W	4000K	110°
CRI	Material	Voltage	Colour	Dimming Options
>80	PMMA & Steel	220-240V	White	Available on request

LENA TROFFER

The Lena troffer is a great choice for commercial and retail spaces. The aluminum louvre provides a smooth effect when installed into the ceiling. Ideal for installations in offices spaces and health services where softer lighting is essential. The Lena has a projected lifetime of L70 >54,000 hours.



LENA TR-LEN

Dimensions: 1190x290x45mm

Model	System Lumen	System Power	CCT	Beam Angle
TR-LENR-30	3253Lm	30W	3000K/4000K	100°
TR-LENS-30	3253Lm	30W	3000K/4000K	100°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium & Steel	220-240V, 50Hz	White	Available on request

BATTENS

BLAINE BATTEN

The Blaine is the ideal batten providing even light distribution with anti-glare PC diffuser. The simple modular design construction ensures easy installation suitable and ensures no ingress of bugs and dust into the diffuser. The Blaine is available in 600mm and 1200mm configurations with up to 4,501Lm. LPA battens have a projected lamp life of 50,000 hours.



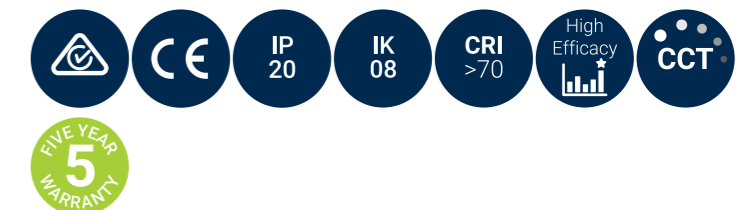
BT-BLA

Dimensions: 1200x71x63mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
BT-BLA-40	Up to 4501Lm	40W	3000K/4000K/5000K	120°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	White	DALI / Non-Dim

RILEY BATTEN

Adopting a separate light module design, the Riley has been designed to provide a wide lighting emitting area limiting ingress of bugs and dust into the diffuser. The key feature being selectable colour temperature and switchable wattage allowing variation in light output to suit the application. Installation for the Riley can be via surface mounted or suspended installation. With so many available adjustments and a clean aesthetic design, the Riley batten is the perfect fitting for multiple applications. LPA battens have a projected lamp life of 50,000 hours.



BT-RIL

Model	Delivered Lumens	System Power	CCT	Beam Angle	Dimensions
BT-RIL60-25	Up to 2515Lm	25W	3000K/4000K/5700K	120°	600x124x68mm
BT-RIL120-42	Up to 4378Lm	42W	3000K/4000K/5700K	120°	1200x124x68mm
CRI	Material	Voltage	Colour	Dimming	
>80	Aluminium	220-240V	White	DALI / Non-Dim	



HIGHBAYS

ALTITUDE



The Altitude highbay is perfect for any high ceiling application including warehouses, sporting facilities, factories. Offering a sleek design with multiple beam angles the Altitude highbay provides clear, uniform light with little glare. Different reflectors can be used to provide different kinds of illumination for relevant tasks. Available with a low glare option. The Altitude has a projected lamp life of L90 (10K) >60,600 hours.



HB-ALT

Model	Delivered Lumens	System Power	CCT	Beam Angle	Dimensions
HB-ALT-100	14300Lm	100W	4000K/5000K	120° (Non lensed)	Ø292x178mm
HB-ALT-120	17000Lm	120W	4000K/5000K	120° (Non lensed)	Ø292x178mm
HB-ALT-150	22200Lm	150W	4000K/5000K	120° (Non lensed)	Ø292x178mm
HB-ALT-200	29000Lm	200W	4000K/5000K	120° (Non lensed)	Ø292x197mm

CRI	Material	Voltage	Colour	Dimming
>70	Aluminium	220-240V	Black	Non-Dim, 0-10V

Accessories

(available on request)



PC Prismatic Reflector with cover



Large 110° ALU Reflector



90° ALU Reflector



65° ALU Reflector



PC lens for 65°/90°/110°



IP65 Motion Sensor



IP65 Zigbee Control module

EXTERIOR

Lighting for schoolyards, car parks, bicycle shelters or general exterior areas needs to provide security and safety for students, visitors and staff.

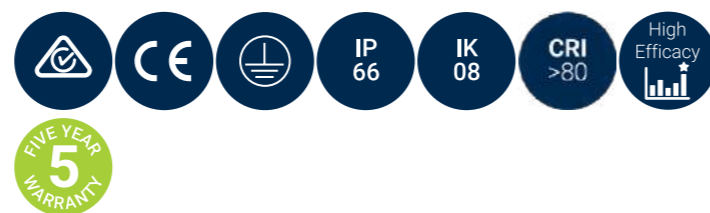


WALL



SKUNA WALL SERIES

The Skuna wall light family featuring robust aluminium housing and various type of light distribution. Utilising LED modules from renowned manufacturer with optical lens offering narrow beam, medium beam, wide beam, forward throw and side throw distribution. The Skuna series is perfect for residential area as well as community-scale blocks.



MINI SKUNA1

Dimensions: 110x110x115mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Mini Skuna1	Up to 680Lm	8W	2700K/3000K/4000K	16°/30°/60°/95°/Asym
Mini Skuna1	Up to 930Lm	10W	2700K/3000K/4000K	16°/30°/60°/95°/Asym

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

MINI SKUNA2

Dimensions: 210x110x115mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Mini Skuna2	Up to 2260Lm	20W	2700K/3000K/4000K	16°/30°/60°/95°/Asym
Mini Skuna2	Up to 3080Lm	28W	2700K/3000K/4000K	16°/30°/60°/95°/Asym

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



MEDIUM TUBE SERIES

The Tube series is a family of cylindrical shaped wall light, ceiling light and area light. It is protected from the ingress of dust and water and are used in both outdoor and indoor environments. Fitted with COB LED in three colour temperature from 2700K, 3000K or 4000K with high CRI. The Tube series can solve many lighting tasks in modern architectural surrounds and are generally used in illuminating columns and facades.



MEDIUM TUBE

Dimensions: 200x302x160mm, Ø140mm

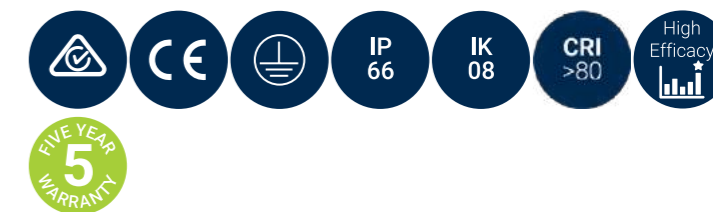
Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Medium Tube (Up/Down)	Up to 4360Lm	37W	2700K/3000K/4000K	12°/19°/43°/Asymmetric
Medium Tube (Down)	Up to 2180Lm	19W	2700K/3000K/4000K	12°/19°/43°/Asymmetric
Medium Tube (Uplight)	Up to 2180Lm	19W	2700K/3000K/4000K	12°/19°/43°/Asymmetric

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



MIRA ROUND SERIES

The Mira small wall light series is characterized by clear and clean-cut line available in round and square body. The housing is made from copper free enhanced LM6 die-cast aluminium with high corrosion resistant property. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. The specular computer-aided-design reflector with spill light cut-off louvre provides sharp light distribution on the surfaces.



MIRA ROUND

Dimensions: 91x156x72mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Mira Round (Down)	Up to 740Lm	8W	2700K/3000K/4000K	18°/104°
Mira Round (Up/Down)	Up to 1300Lm	14W	2700K/3000K/4000K	18°/104°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

ZOUK SERIES

Zouk is delicately designed and engineered for slim profile surface mounted and wall recessed light, featured low glare with screw-less appearance. Built with the mindset of light comfort and soft visualization. Light source is CRI>80 with an offering of 2700K, 3000K and 4000K. Available in various designs to compliment both commercial and residential applications



ZOUK1



ZOUK2



ZOUK3



ZOUK1

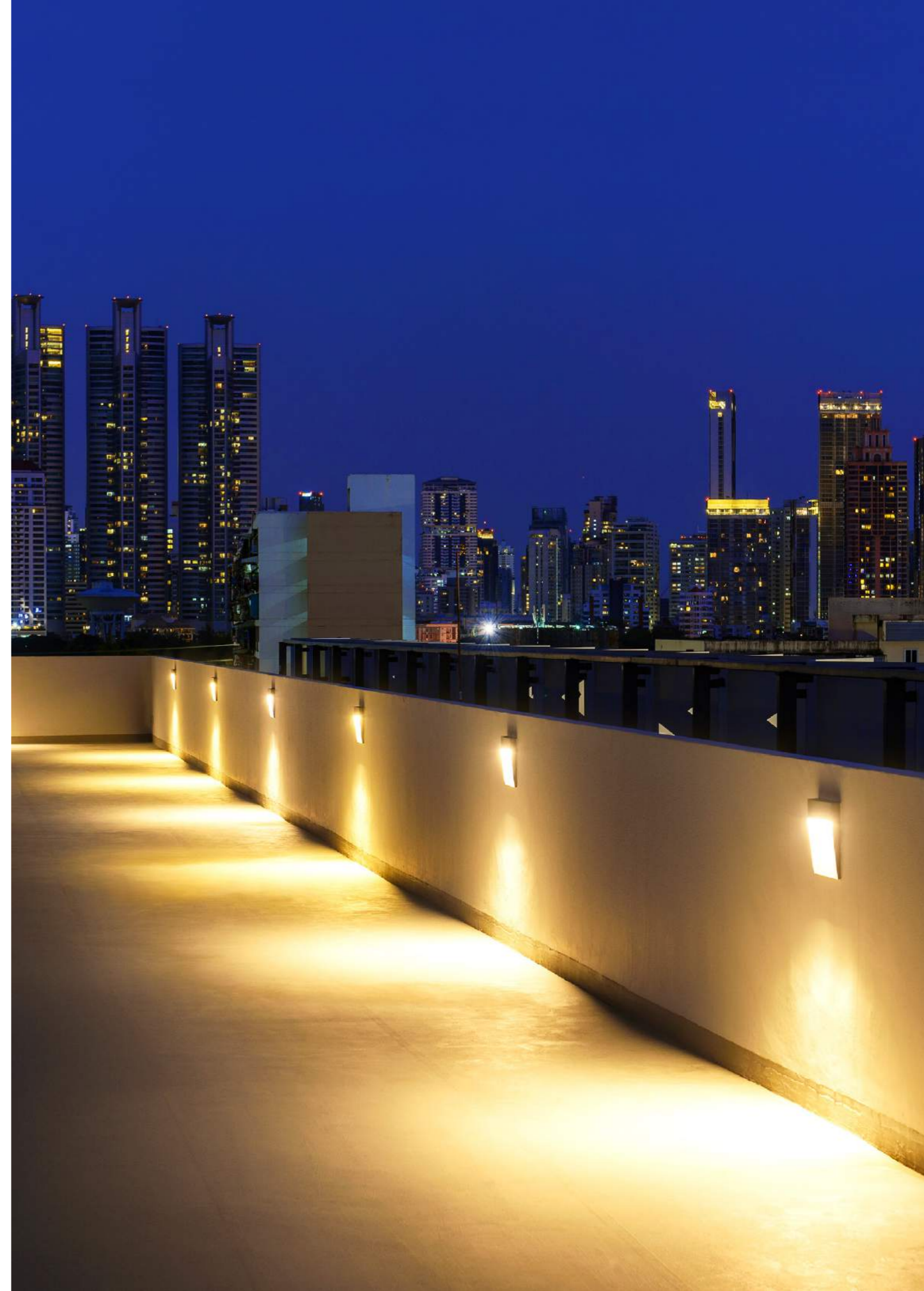
Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Zouk1	Up to 410Lm	11W	2700K/3000K/4000K	235x85x32mm
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

ZOUK2

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Zouk2	Up to 420Lm	11W	2700K/3000K/4000K	235x235x32mm
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

ZOUK3

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Zouk3	Up to 490Lm	11W	2700K/3000K/4000K	Ø240x36mm
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request





FORTIFY OYSTER

The Fortify oyster light is a module design surface mount luminaire. With its IP65 rating and IK10 impact resistant makes this light suitable for inside bathrooms and waterproof areas. The key feature being selectable colour temperature and switchable wattage allowing variation in light output to suit the application. Available in a dimmable sensor emergency version.



OY-FOR

Model	System Lumen	System Power	CCT	Beam Angle	Dimensions
OY-FOR12-18-4K	1940Lm	18W	4000K	120°	Ø320x70mm
OY-FOR12-25-4K	2700Lm	25W	4000K	120°	Ø320x70mm
OY-FOR16-30-4K	3150Lm	30W	4000K	120°	Ø420x85mm
OY-FOR20-40-4K	4160Lm	40W	4000K	120°	Ø520x85mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	BK / WH	Available on request



BUNKER



RETINA SERIES

Retina is a round wall/ceiling light with robust aluminium construction and impact resistant polycarbonate diffuser. The LED module is available with built-in microwave motion sensor and hi-low light function. The high protection rating of IP65 and IK09 allows Retina to be installed in rough outdoor environments. The front cover is available in various designs; moreover, Retina is available in two sizes with the choice of five different colours.



RETINA

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Mini Retina 1	Up to 720Lm	12W/14W/15W	3000K/4000K	Ø265x100mm
Maxi Retina	Up to 1190Lm	23W/25W/26W	3000K/4000K	Ø360x145mm
Neo Maxi Retina	Up to 1190Lm	23W/25W/26W	3000K/4000K	Ø364x117mm
Maxi Retina/SH	Up to 1120Lm	12W/14W/15W	3000K/4000K	Ø360x100mm
Mini Retina Flat	Up to 950Lm	12W/14W/15W	3000K/4000K	Ø265x72mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



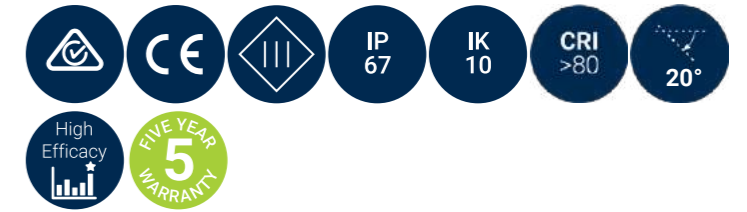


INGROUND



ZET SERIES

Zet is a walk-over in ground uplighter commonly used to highlight architectural tasks, wall structures, low ceilings, and columns. The glare-shield honey comb and softening lens are available as accessories. To avoid installation issues and add another level of safety, it is pre-wired and is fitted with an anti-condensation device.



ZET ROUND

Dimensions: Ø108x173mm, Ø129mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Zet1 Clear	Up to 1320Lm	14W	2700K/3000K/4000K	12°/30°/52°
Zet5 Adjustable Clear	Up to 1010Lm	10W	2700K/3000K/4000K	12°/25°/46°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

ZET SQUARE

Dimensions: 130x130xØ108mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Zet2 Clear	Up to 1320Lm	14W	2700K/3000K/4000K	12°/30°/52°
Zet6 Adjustable Clear	Up to 1010Lm	10W	2700K/3000K/4000K	12°/25°/46°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

QUANTUM UPLIGHT

Quantum is a walk-over and drive-over in-ground uplighter with symmetrical light distribution. The luminaire housing separates LED and driver compartment to achieve lower operating temperature and longer service time. Available with an extensive range of connecting accessories to simplify the installation process. It is perfect for illuminating plants, flagpoles, columns, building facades and also architectural works and landmarks.



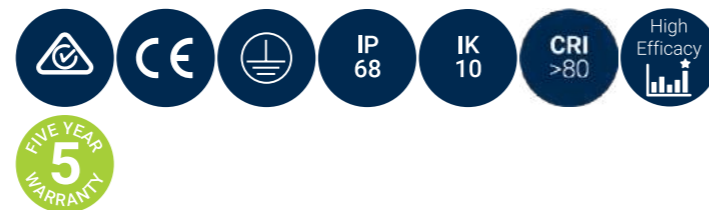
QUANTUM

Dimensions: Ø250x429mm, Ø309mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Quantum	Up to 4660Lm	39W	2700K/3000K/4000K	17°/24°/37°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

SIRIUS SERIES

Sirius is a linear light family features various mounting application types including in-ground walk over, wall mounted, ceiling mounted, suspension and even permanently submersion stage. It utilises the latest LED technology from world renowned manufactures with the choices of multiple light distributions. A range of connecting accessory are available.



SIRIUS CC

Dimensions: 1190x93x138mm

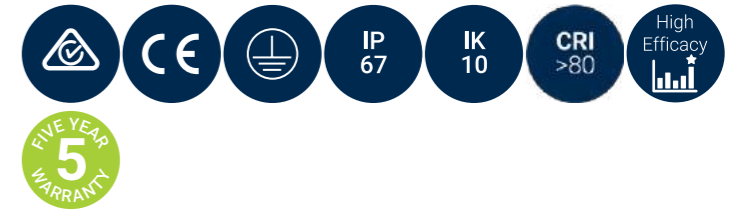
Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Sirius CC	Up to 2140Lm	23W	2700K/3000K/4000K	12°/25°/46°/Asym/Elip
Sirius CC	Up to 3120Lm	38W	RGBW	12°/25°/46°/Asym/Elip
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request





GRAVITON SERIES

Graviton is designed for all kind of uplight illumination tasks where high level of illumination is needed. It is able to withstand loads up to 1000KG. It is supplied with a post-cured silicone gasket and pre-wired IP67 anti-condensation kit. It can be used to illuminate plants, flagpoles, columns, building facades and other architectural works.



GRAVITON ROUND

Dimensions: Ø224x345mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Graviton Round	Up to 2160Lm	19W	2700K/3000K/4000K	12°/19°/43°
Graviton Round	Up to 2960Lm	28W	2700K/3000K/4000K	12°/19°/43°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

GRAVITON SQUARE

Dimensions: 224x224x345mm

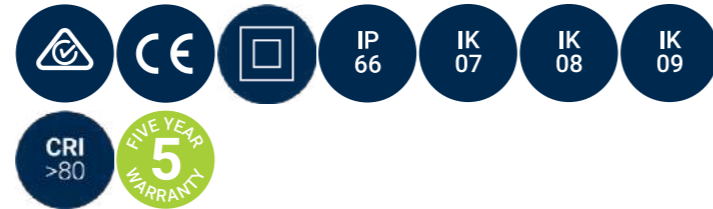
Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Graviton Square	Up to 2160Lm	19W	2700K/3000K/4000K	12°/19°/43°
Graviton Square	Up to 2960Lm	28W	2700K/3000K/4000K	12°/19°/43°
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

BOLLARDS

CYCLOPS SERIES



The Cyclops family is an innovative walkway lighting solution with shielded light sources. Delivering light exactly where it is needed without disruptive glare. The vandal resistant clear polycarbonate cover protects the bollard from harmful dust and water. Available in two sizes and two heights with 180° and 360° light distribution. Cyclops can be installed in residential areas, walkways, parks, commercial areas and open spaces.



CYCLOPS SINGLE SIDED (800mm)

Dimensions: Ø175x800mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Cyclops Single Sided (800)	Up to 400Lm	10W	2700K/3000K/4000K	Forward/Side
Cyclops Single Sided (800)	Up to 720Lm	19W	2700K/3000K/4000K	Forward/Side

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

CYCLOPS SINGLE SIDED (350mm)

Dimensions: Ø175x350mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Cyclops Single Sided (350)	Up to 500Lm	10W	2700K/3000K/4000K	Forward/Side
Cyclops Single Sided (350)	Up to 1090Lm	19W	2700K/3000K/4000K	Forward/Side

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

CYCLOPS DOUBLE SIDED (800mm)

Dimensions: Ø175x800mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Cyclops Double Sided (800)	Up to 650Lm	19W	2700K/3000K/4000K	Forward/Side
Cyclops Double Sided (800)	Up to 1250Lm	25W	2700K/3000K/4000K	Forward/Side

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

CYCLOPS DOUBLE SIDED (350mm)

Dimensions: Ø175x350mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Cyclops Double Sided (350)	Up to 840Lm	19W	2700K/3000K/4000K	Forward/Side
Cyclops Double Sided (350)	Up to 1600Lm	25W	2700K/3000K/4000K	Forward/Side

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

MACRON SERIES



Macron is a family of shielded bollard with symmetrical light distribution. The clear polycarbonate cover with internal glare suppression louvres improves lighting quality by limiting the upward light emission. It is universally installed in walkways, parks, commercial areas, open spaces and general lighting for the residential areas where light pollution has to be controlled.



MACRON (Flat)

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Macron Flat	Up to 1030Lm	27W	2700K/3000K/4000K	175x982mm
Macron Flat	Up to 1340Lm	40W	2700K/3000K/4000K	175x982mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

MACRON (Round)

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Macron Round	Up to 1030Lm	27W	2700K/3000K/4000K	Ø175x1000mm
Macron Round	Up to 1340Lm	40W	2700K/3000K/4000K	Ø175x1000mm

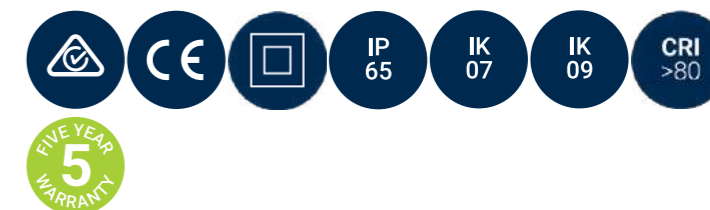
CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request





CHARISMA SERIES

The Charisma is a range of compact to mid-size bollard and wall light designed for residential, community and commercial sites. The clear polycarbonate cover with internal glare suppression louvres improves lighting quality by limiting the upward light emission. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.



MINI CHARISMA (Round)

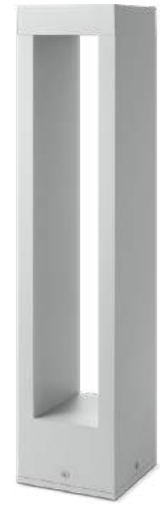
Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Mini Charisma1 Round	Up to 690Lm	14W	2700K/3000K/4000K	Ø105x800mm
Mini Charisma2 Round	Up to 490Lm	14W	2700K/3000K/4000K	Ø105x800mm
Mini Charisma3 Round	Up to 400Lm	14W	2700K/3000K/4000K	Ø105x800mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

MINI CHARISMA (Square)

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Mini Charisma1 Square	Up to 560Lm	14W	2700K/3000K/4000K	100x800mm
Mini Charisma2 Square	Up to 470Lm	14W	2700K/3000K/4000K	100x800mm
Mini Charisma3 Square	Up to 370Lm	14W	2700K/3000K/4000K	100x800mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



BICEPS SERIES

The Biceps series is a light tower and bollard designed for architectural spaces with functional low glare light output. It is generally installed in walkways, parks, commercial areas and open spaces to give direction to people and vehicles. It generates an even symmetrical downward light distribution and emits no upward light in accordance to light pollution regulation.



BICEPS (700mm)

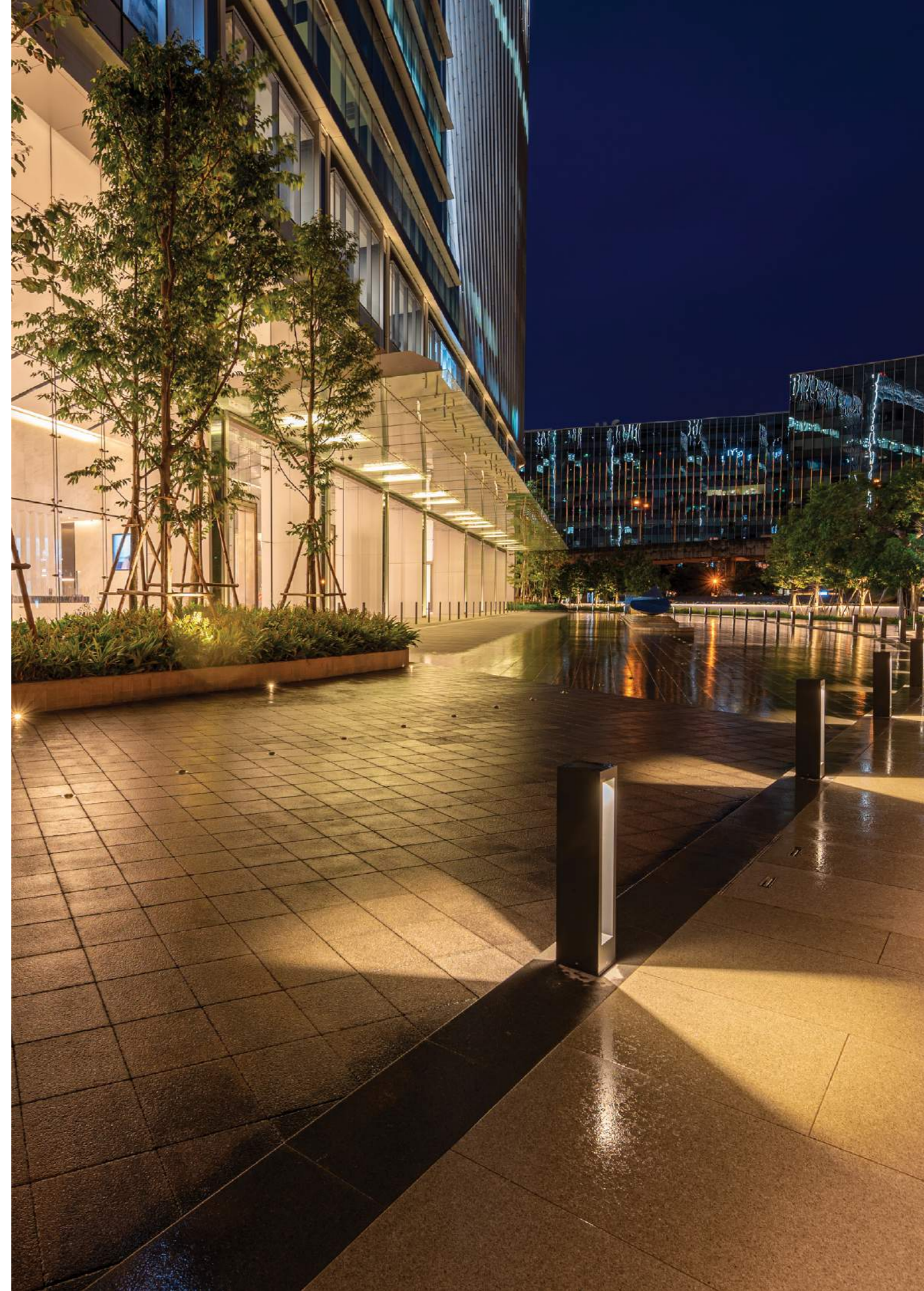
Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Biceps Bollard (COB)	Up to 850Lm	10W	3000K/4000K	150x700mm
Biceps Bollard (COB)	Up to 1230Lm	20W	3000K/4000K	150x700mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

BICEPS (4000mm)

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Biceps Bollard (4000)	Up to 3880Lm	38W	2700K/3000K/4000K	150x4000mm
Biceps Bollard (4000)	Up to 5030Lm	57W	2700K/3000K/4000K	150x4000mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request





BATTENS

DELNE BATTEN



Weatherproof battens have been the fixture of choice for all hard working areas in every installation, and our high performance LED weatherproof series add economy and technology to this tradition. Their tolerance for extreme weather and vandal resistance makes them perfect for car parks and public access areas as well as for external safety and security lighting. The Delne series has a projected lamp life of L70 (9K) >54,000 hours. An emergency option is also available on request.



BTWP-DEL120

Dimensions: 1160x108x120mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
BTWP-DEL120-20	2819Lm	20W	3000K/4000K/5000K	120°
BTWP-DEL120-36	4824Lm	36W	3000K/4000K/5000K	120°
BTWP-DEL120-50	6669Lm	50W	3000K/4000K/5000K	120°

CRI	Material	Voltage	Colour	Dimming
>80	Polycarbonate	220-240V	Grey	Available on request

BTWP-DEL120-EM

Dimensions: 1160x180x120mm

Emergency Mode	Emergency Classification		Emergency Operation	Emergency Operation Test	Battery	Voltage/Capacity (mAh)
	C0	C90				
Maintained	D80	D63	2 hours	Manual	Lithium (LiFePO4) Battery	3.0 mAh: 6.4V

FLOODS & SPOTS



OSPREY FLOODLIGHT

The Osprey series is a compact and high quality floodlight ideal for industrial and commercial applications. Its external vent aids in avoiding internal fogging and frosting due to the change in temperature. With a selection of sizes and power wattages, our comprehensive range of floodlights offer flexibility and superior performance to bring out the best in your design.



FL-OSP

Model	Delivered Lumens	System Power	CCT	Beam Angle	Dimensions
FL-OSP-50	6750Lm	50W	3000K/4000K	120°	222x314x67mm
FL-OSP-100	14000Lm	100W	3000K/4000K	120°	309x418x77mm
FL-OSP-150	21750Lm	150W	3000K/4000K	120°	309x418x77mm
FL-OSP-200	29000Lm	200W	3000K/4000K	120°	374x494x87mm
FL-OSP-300	45000Lm	300W	3000K/4000K	120°	444x567x97mm

CRI	Material	Voltage	Colour	Dimming Options
>70	Aluminium	220-240V	Black	Available on request



SONIC SERIES

Sonic is a huge family of spotlight/floodlight with COB LED light source. The family offers ground/wall mount fixing, pole clamp and wall clamp array, indirect pole and wall light. The wide ranges of accessories like glare shield unit, tree strap, earth spike and anchorage bolt kit make Sonic customizable for most application. The Medium Sonic has a 90° up and 60° down tilt and the Mega Sonic Gear has a 90° up and 30° down tilt. It is an ideal choice to accentuate sculptures, walls, building façades, bushes and trees.



MEDIUM SONIC

Dimensions: Ø107x266mm, Ø140x185mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Medium Sonic	Up to 1270Lm	20W	3000K/4000K	10°/16°/38°
Medium Sonic	Up to 1990Lm	30W	3000K/4000K	14°/22°/47°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

MEGA SONIC GEAR

Dimensions: 138x366mm, Ø185x208x263mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Mega Sonic Gear	Up to 6920Lm	57W	2700K/3000K/4000K	17°/24°/37°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



KESTRAL FLOODLIGHT

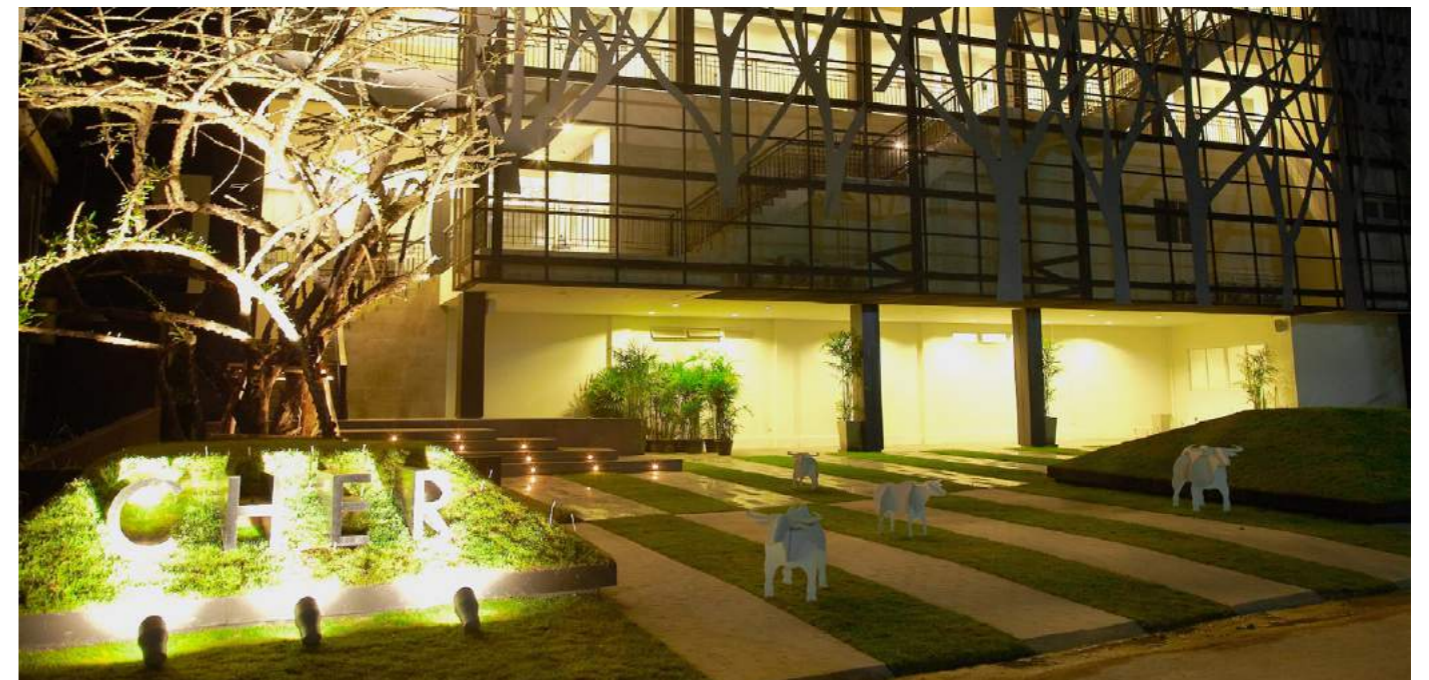
For outdoor and industrial applications, the Kestral series delivers high efficiency and durability without sacrificing performance. This slim designed luminaire can be used as both a flood and area light. Easy to install with a variety of installation methods. With its flexibility in illumination levels in two sizes, the Kestral series is an excellent alternative to traditional lighting.



FL-KES

Model	Delivered Lumens	System Power	CCT	Beam Angle	Dimensions
FL-KES-120	16800Lm	120W	3000K/4000K	42x148°, 172x162°	322x571x94mm
FL-KES-150	21000Lm	150W	3000K/4000K	42x148°, 172x162°	322x571x94mm
FL-KES-180	25200Lm	180W	3000K/4000K	42x148°, 172x162°	322x571x94mm
FL-KES-240	33600Lm	240W	3000K/4000K	42x148°, 172x162°	601x621x104mm
FL-KES-300	42000Lm	300W	3000K/4000K	42x148°, 172x162°	601x621x104mm
FL-KES-450	63000Lm	450W	3000K/4000K	42x148°, 172x162°	601x621x104mm
FL-KES-600	84000Lm	600W	3000K/4000K	42x148°, 172x162°	601x621x104mm

CRI	Material	Voltage	Colour	Lifetime	Dimming Options
>70	Aluminium	220-240V	Black	50,000 hours	Available on request



ATHLON SERIES



The Athlon family is functional mini spotlight, floodlight and area light. Available with symmetric, asymmetric, bi-symmetric, elliptical, forward throw and side throw light distributions. The broad range of accessories includes a ground spike, tree strap, colour filters, honey comb louvre and glare shield hood makes it a dynamic floodlight choice. Suitable to light up small to medium sized objects or areas such as signage boards, ceiling, building façades, open spaces, etc.



ATHLON FLOODLIGHT

Dimensions: Ø135x345mm, 60x230mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Athlon Surface Washer	Up to 3120Lm	20W/28W	2700K/3000K/4000K	Asymmetric
Athlon Surface Washer	Up to 3090Lm	20W/28W	2700K/3000K/4000K	Bi-Symmetric
Athlon Surface Washer (Optic)	Up to 2150Lm	20W/28W	2700K/3000K/4000K	Asymmetric
Athlon Surface Washer (Optic)	Up to 2360Lm	20W/28W	2700K/3000K/4000K	Road Optic
Athlon Surface Washer (Optic)	Up to 2050Lm	20W	2700K/3000K/4000K	Symmetric 12°/25°/46°
Athlon Surface Washer (Optic)	Up to 2770Lm	28W	2700K/3000K/4000K	Symmetric 12°/25°/46°

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

ALPHA FLOODLIGHT SERIES



Alpha is a family of outdoor spot and flood lights engineered from scratch. The primary shapes and overall small dimensions makes it possible to install Alpha in most professional and residential lighting applications. The Mini and Medium Alpha has a 90° up and 75° down tilt. It can be customised with accessories such as colour filters, honeycombs, shields and various mounting solutions for poles and surfaces.



ALPHA FLOODLIGHT

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle	Dimensions
Mini Alpha Round	Up to 1290Lm	15W	2700K/3000K/4000K	12°/29°/50°/ElipH/ElipV	Ø107x190, Ø85x72mm
Medium Alpha Round	Up to 2230Lm	27W	2700K/3000K/4000K	12°/27°/42°/ElipH/ElipV	Ø107x245, Ø130x102mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request





CAR PARK LIGHTING

FALCON STREETLIGHT

Designed for roadways, parking lots and petrol stations, the Falcon is a sleek low-profile streetlight perfect for replacing traditional street and area lighting. Its durable and streamlined cooling fins accelerate airflow to enhance heat dissipation performance. With an adjustable installation angle, this streetlight ensures versatility for multiple applications. Available in two sizes with various wattages and optics, the Falcon series is an excellent choice for your design needs.



SL-FAL

Model	Delivered Lumens	System Power	CCT	Beam Angle	Dimensions
SL-FALS-30	Up to 4600Lm	30W	3000K/4000K	45x155°, 75x150°	680x282x160mm
SL-FALS-50	Up to 6500Lm	50W	3000K/4000K	45x155°, 75x150°	680x282x160mm
SL-FALS-70	9200Lm	70W	3000K/4000K	45x155°, 75x150°	680x282x160mm
SL-FALS-90	11500Lm	90W	3000K/4000K	45x155°, 75x150°	680x282x160mm
SL-FALL-120	Up to 15700Lm	120W	3000K/4000K	45x155°, 75x150°	763x352x167mm
SL-FALL-150	Up to 20400Lm	150W	3000K/4000K	45x155°, 75x150°	763x352x167mm
SL-FALL-180	23100Lm	180W	3000K/4000K	45x155°, 75x150°	763x352x167mm

CRI	Material	Voltage	Colour	Lifetime	Dimming Options
>70	Aluminium	220-240V	Silver	50,000 hours	Available on request

ATHLON SERIES

The Athlon family is functional mini spotlight, floodlight and area light. Available with symmetric, asymmetric, bi-symmetric, elliptical, forward throw and side throw light distributions. The broad range of accessories includes a ground spike, tree strap, colour filters, honey comb louvre and glare shield hood makes it a dynamic floodlight choice. Suitable to light up small to medium sized objects or areas such as signage boards, public spaces and building façades. Available in a double sided version.



ATHLON AREA LIGHT

Dimensions: 418x60mm, Ø105mm

Model	Luminaire Lumens	Luminaire Wattage	CCT	Beam Angle
Athlon Area Light	Up to 3120Lm	28W	2700K/3000K/4000K	Asymmetric/ Bi-Symmetric
Athlon Optic Area Light	Up to 2770Lm	28W	2700K/3000K/4000K	46°/Asym/ElipH/Road

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



NEOPLACE SERIES

Neoplace is a family of large wall light and pole-top luminaires with symmetrical low glare indirect light distribution. Suitable wherever glare control is preferred and is a perfect alternative to replace old style conventional luminaires. It is suitable to illuminate parking lots, public parks, pedestrian and open spaces. Available in a double-sided version.



NEOPLACE POLE TOP

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Neoplace Pole Top	Up to 3130Lm	25W/35W	3000K/4000K	Ø608x300mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request

NEOPLACE POLE TOP (Double Head)

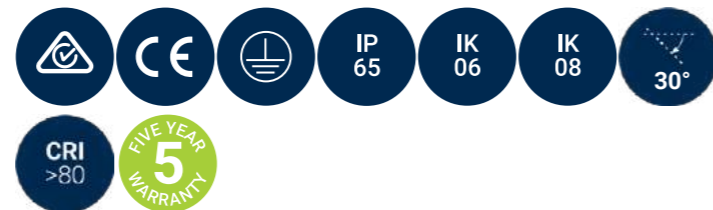
Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Neoplace Pole Top	Up to 3130Lm	25W/35W	3000K/4000K	Ø608x300mm
Neoplace Pole Top (Double)	Up to 6260Lm	50W/70W	3000K/4000K	Ø608x746mm (single)

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



BLAZE SERIES

Blaze is a family of large size wall mount and pole-top luminaires. The top reflector is easily adjustable from symmetric to asymmetric distribution to get the desired light delivered for most applications and assists with glare control. Blaze is made for smooth and uniform light distribution on designated areas. It is most suited in parking lots, public parks, pedestrian and open spaces. Blaze is the perfect solution for a glare free installation.



BLAZE POLE TOP

Model	Luminaire Lumens	Luminaire Wattage	CCT	Dimensions
Blaze Pole Top	Up to 4810Lm	57W	2700K/3000K/4000K	Ø825x566mm

CRI	Material	Voltage	Colour	Dimming Options
>80	Aluminium	220-240V	Black / Graphite / Dark Grey / Silver / White	Available on request



EDGE SOLAR STREETLIGHT

Edge solar street lights are ideal for areas requiring contained light spill. It might be car parks, tennis courts or pathways where a precise level of light is essential but where complying with ordinances or just being a good neighbour is just as necessary.

LPA's Edge solar street lights are designed for 4 stage Intelligent dimming with 15 hours in one night. It has a photovoltaic panel utilising monocrystalline silicon solar cells and an ingress protection rating of IP66. The Edge Solar streetlight have a projected lamp life of L90 (10K) > 60,600 hours.

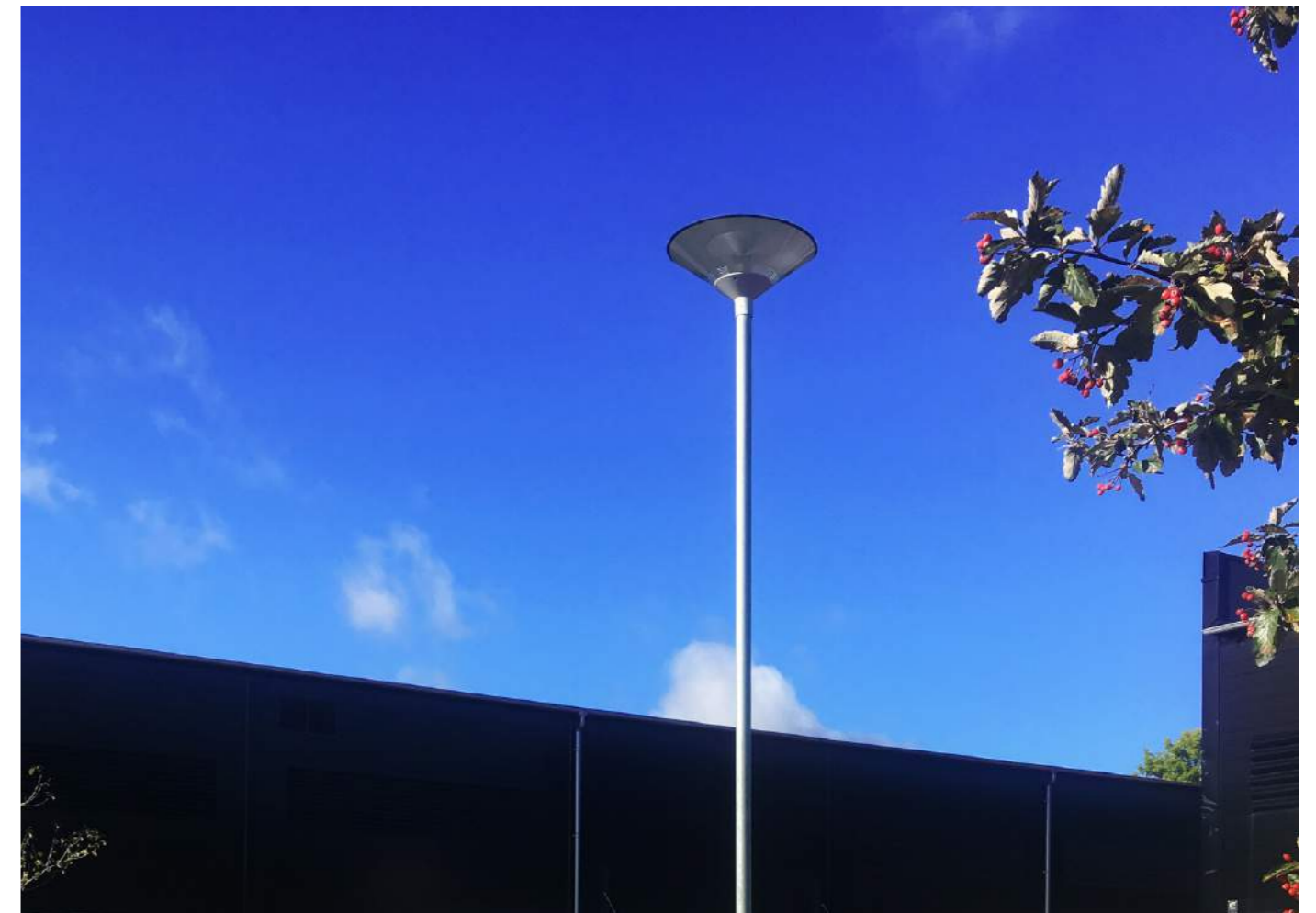


EDGE SOLAR STREETLIGHT

Dimensions: 700x300x135mm

Model	Delivered Lumens	System Power	CCT	Beam Angle
ST-ST11-10-5K	1720Lm	10W	5000K	100x160°
ST-ST11-20-5K	3280Lm	20W	5000K	100x160°

CRI	Material	Voltage	Colour	Dimming Options
>75	Aluminium	220-240V	BK / SIL	Available on request





Dynamic Tunable White Lighting

Studies have proven that a change in lighting can improve the way students perform. Artificial light that mimics natural daylight cycles throughout the day has been proven to increase concentration levels and alertness and positively impact the body's mental and physical behaviour.

Using artificial light to mimic natural daylight helps with circadian rhythms. Circadian rhythm is a natural internal process that regulates the sleep-wake cycle of our bodies, this is affected by exposure to light.

Studies have shown cool white light with a high proportion of blue light has a stimulating effect and promotes concentration, whereas warm white light is calming. Dynamic tunable white lighting emits these various shades of white light and is controlled

with a remote switch or control system allowing us to mimic the changes in natural light during the day. By replicating this in education facilities, we are creating spaces where we can adjust the light levels to meet the requirements of the individual classrooms throughout the day, creating the perfect environment for teachers and students.

In addition to the positive impact on students and those in the educational space, tunable white lighting has significant energy-saving benefits.

At LPA, we offer a range of dynamic tunable white options, speak with one of our team members today to learn more about how dynamic tunable white lighting can help create the perfect learning environment.

Smart Controls

As part of our commitment to sustainability, LPA is partnering with smart control specialist to achieve the best lighting solution for education facilities.

Using Bluetooth Low Energy (BLE) technology, users are able to wirelessly control and customise their preferred settings through a smartphone or tablet. Smart controls provide a simple and effective solution in reducing energy consumption, maintenance and operational costs.

With all of our fittings being compatible with smart lighting control systems, we recommend integrating them into your education solution.

Lighting controls offer

- Energy efficiency and sustainability
- Better occupant comfort and safety
- Daylight harvesting to balance natural light with artificial light
- Control sensors for corridors, circulation, storage areas and more to save energy
- Set minimum and maximum lux levels
- Set zone lighting
- Scenario lighting

Our team offer on-site assistance with the dimming protocol and work closely with our partners to deliver a customised lighting control solution.

Contact our team to discuss your project requirements.

We Build Partnerships

Contact us today to discuss your next project



lpalighting.com