

PRODUCT CATALOGUE 2023

FRATER®

SPAIN SINCE 1999



Light Up The City



About Frater

Established in 1988, Frater, a leading Spanish company, was introduced to the UAE by AW Rostamani Group in 1999 and quickly evolved into a leading pioneer of state-of-the-art lighting partners in the region. Ever since, Frater's dedicated team of professionals continue to strive to provide the most innovative and sustainable lighting solutions. In 2014, Frater launched its first line of LED products, ushering in a new era of lighting.

Since our inception, Frater's in-house manufacturing division, advanced photometric testing process and quality assurance remain cutting-edge in the industry. Our wide spectrum of lighting solutions is catered to a limitless variety of purposes, ranging from residential and commercial to industrial and retail.

Our Company

Frater was first established in Dubai in 1999 after AW Rostamani Group currently a 2 billion-dollar Dubai based conglomerate bought Frater Euro Electricals SA from Spain - Europe. The company was one of the region's pioneers to have in-house manufacturing resources and to bring electromagnetic ballast in the UAE, while the obverse industry used to import most of the goods, the company quickly added a full-fledged light fixture manufacturing unit.

In 2014, Frater entered the world of LED solutions with its state-of-the-art LED manufacturing infrastructure and has served every major sector worldwide for more than 22 years.

The company manufactures and supplies a variety of Commercial Luminaires, Industrial Luminaires, Street Lights, LED Spotlights, LED Tube Lights, LED Panel, Surface Lights, LED Flood Lights, Landscape Lights, and many other lighting solutions.





Stencil
printing

SMD
Mounting

Our Facilities

Frater is an ISO 9001:2015 certified manufacturer. Our automated surface mounting technology (SMT), electronic assembly conveyors, bending, CNC punching stations, powder coating facilities are just some of the technology that contribute to our success.

However, all of this would not be successful without our skilled and passionate workforce who handle and supervise operations. Combined, this ensures that only the highest quality products leave the production line.

Our Laboratory

As a manufacturer, it is important to be sustainable. Part of being sustainable is ensuring that every product works at its full potential and efficiency. Frater made substantial investment into an ISO 17025:2017 accredited photometry testing laboratory with a well-integrated combination of accelerated aging and life testing machines, integrated sphere, C-type goniophotometer and electrical measurement machines.

The laboratory is one of the first of its kind in the Middle East and accredited from EIAC (Emirates International Accreditation Centre). Our dedicated lab technicians perform a variety of tests in accordance with IES (Illuminating Engineering Society) approved methods in order to produce the most accurate and precise results.



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FRATER®

SPAIN SINCE 1999

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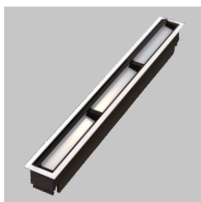
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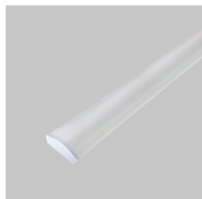
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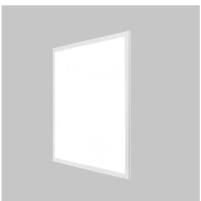
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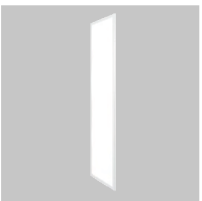
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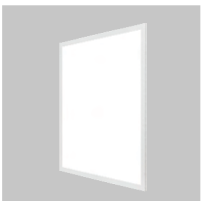
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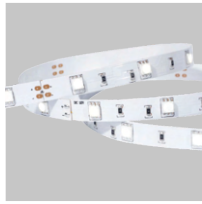
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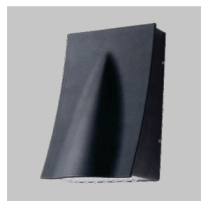
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INDOOR DOWN LIGHTS

FRATER®

SPAIN SINCE 1999

DL S1



IP40



Class II



AC220-240V



Recessed Ceiling



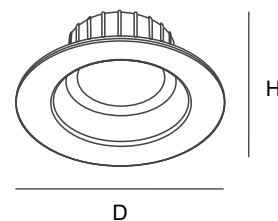
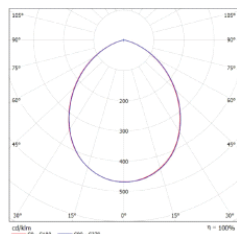
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Opal Polycarbonate (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLS1-009	9W	900 lm	3000K	White	90° Reflector	Ø95	Ø118x60
DLS1-015	15W	1500 lm	4000K			Ø125	Ø145x75
DLS1-020	20W	2000 lm	5000K			Ø160	Ø190x95
DLS1-025	25W	2500 lm	6500K			Ø200	Ø230x105
DLS1-030	30W	3000 lm				Ø200	Ø230x105

DL S7



IP65



Class II



AC220-240V



Recessed Ceiling



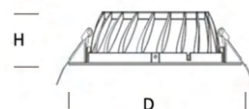
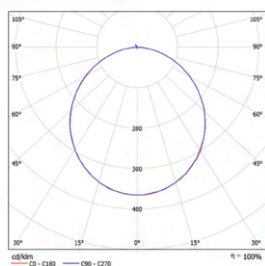
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Opal Polycarbonate (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLS7-008	8W	800 lm	3000K	White	100° Reflector	Ø95	Ø108x47
DLS7-012	12W	1200 lm	4000K			Ø95	Ø108x47
DLS7-016	16W	1600 lm	5000K			Ø95	Ø108x47
DLS7-020	20W	2000 lm	6500K			Ø165	Ø190x70
DLS7-024	24W	2400 lm				Ø165	Ø190x70
DLS7-028	28W	2800lm				Ø165	Ø190x70

DL S8 Moon Series



IP65



Class II



AC220-240V



Recessed Ceiling



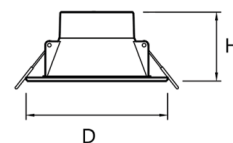
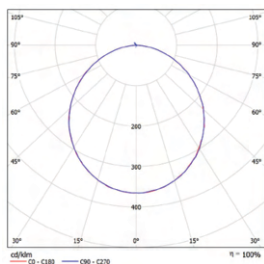
Highly recyclable



30K / 50K hours optional



Selectable Wattage and CCT



CRI 80 100 LM/W PF>0.9

PC Body with Aluminum heatsink + Opal Polycarbonate (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLS8-012	06/09/12W	Up-to 1200 lm	3000K	White	120° Reflector	Ø80	Ø 110x49
DLS8-025	15/20/25W	Up-to 2500 lm	4000K			Ø150	Ø 160x54
DLS8-035	25/30/35W	Up-to 3500 lm	6500K			Ø200	Ø 220x55

Hydra Series



IP65



Class II



AC220-240V



Recessed Ceiling



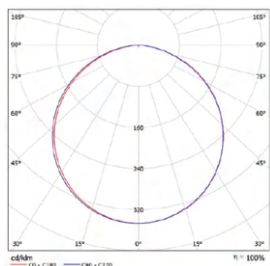
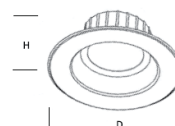
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Center frosted glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLHD-060	60W	6000 lm	3000K	White	120° Reflector	Ø195	Ø225x63
DLHD-080	80W	8000 lm	4000K			Ø203	Ø230x120
			6500K				

DL C1



IP40



Class II



AC220-240V



Recessed Ceiling



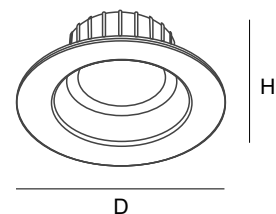
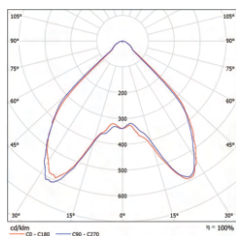
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Center frosted glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLC1-010	10W	1000 lm	3000K	White	90° Reflector	Ø95	Ø118x60
DLC1-015	15W	1500 lm	4000K			Ø125	Ø145x75
DLC1-020	20W	2000 lm	5000K			Ø160	Ø190x95
DLC1-025	25W	2500 lm	6500K			Ø200	Ø230x105
DLC1-030	30W	3000 lm				Ø200	Ø230x105
DLC1-035	35W	3500 lm				Ø200	Ø230x105

DL C6



IP65



Class II



AC220-240V



Recessed Ceiling



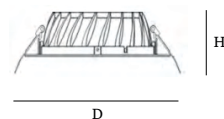
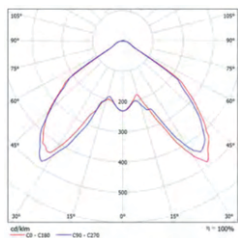
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Center frosted glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLC6-008	8W	800 lm	3000K	White	110° Reflector	Ø95	Ø109x63
DLC6-015	15W	1500 lm	4000K			Ø175	Ø191x92
DLC6-020	20W	2000 lm	5000K			Ø175	Ø191x92
DLC6-030	30W	3000 lm	6500K			Ø175	Ø191x92
DLC6-040	40W	4000 lm				Ø205	Ø230x94

LEO X1



IP20 / IP65



Class II



AC220-240V



Recessed Ceiling



Highly recyclable



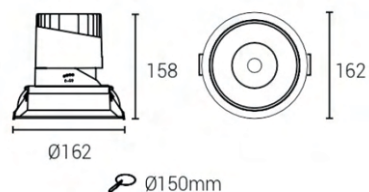
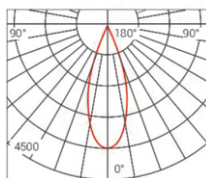
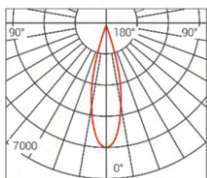
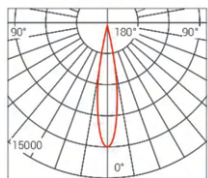
50K hours optional



Dimming options



Beam Angle 15° 30W 3000K Beam Angle 24° 30W 3000K Beam Angle 38° 30W 3000K



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Lens (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLX1-010	10W	1000 lm	2700K	White	10° Reflector	Ø150	Ø162x158
DLX1-030	30W	3000 lm	3000K	Black	15° Reflector	Ø150	Ø162x158
			4000K	Silver	24° Reflector		
			5000K	Grey	38° Reflector		
					55° Reflector		

ACCESSORIES



Sand gold



Pearl Black



Black



White



Silver



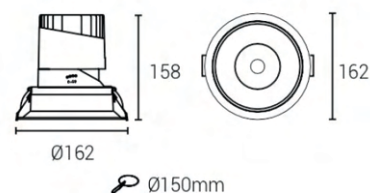
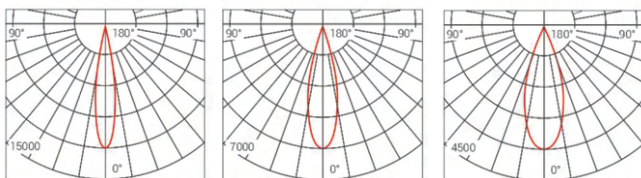
Chrome

LEO X2

-  IP20 / IP65
-  Class II
-  AC220-240V
-  Recessed Ceiling
-  Highly recyclable
-  50K hours optional
-  Dimming options



Beam Angle 15° 30W 3000K Beam Angle 24° 30W 3000K Beam Angle 38° 30W 3000K



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Lens (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLX2-010	10W	1000 lm	 2700K	 White	 10° Reflector	Ø150	Ø162x158
DLX2-030	30W	3000 lm	 3000K	 Black	 15° Reflector	Ø150	Ø162x158
		 4000K		 Silver	 24° Reflector		
		 5000K		 Grey	 38° Reflector		
					 55° Reflector		

LEO X3



IP20 / IP65



Class II



AC220-240V



Recessed Ceiling



Highly recyclable



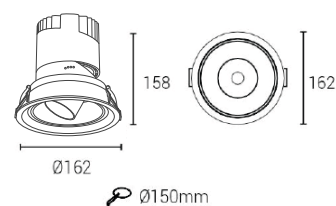
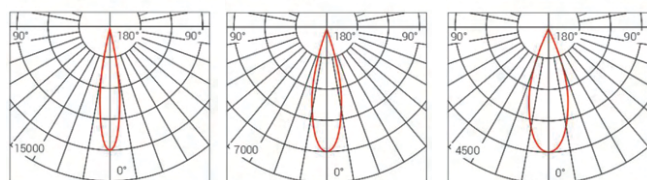
50K hours optional



Dimming options



Beam Angle 15° 30W 3000K Beam Angle 24° 30W 3000K Beam Angle 38° 30W 3000K



CRI 80	PF>0.9	Die-cast aluminum + Lens (-0~45 °C)					
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLX3-010	10W	1000 lm	2700K	White	10° Reflector	Ø150	Ø162x158
DLX3-030	30W	3000 lm	3000K	Black	15° Reflector	Ø150	Ø162x158
			4000K	Silver	24° Reflector		
			5000K	Grey	38° Reflector		
					55° Reflector		

LEO X4



IP20 / IP65



Class II



AC220-240V



Recessed Ceiling



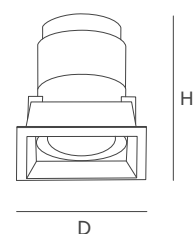
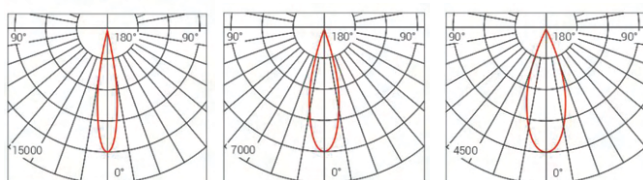
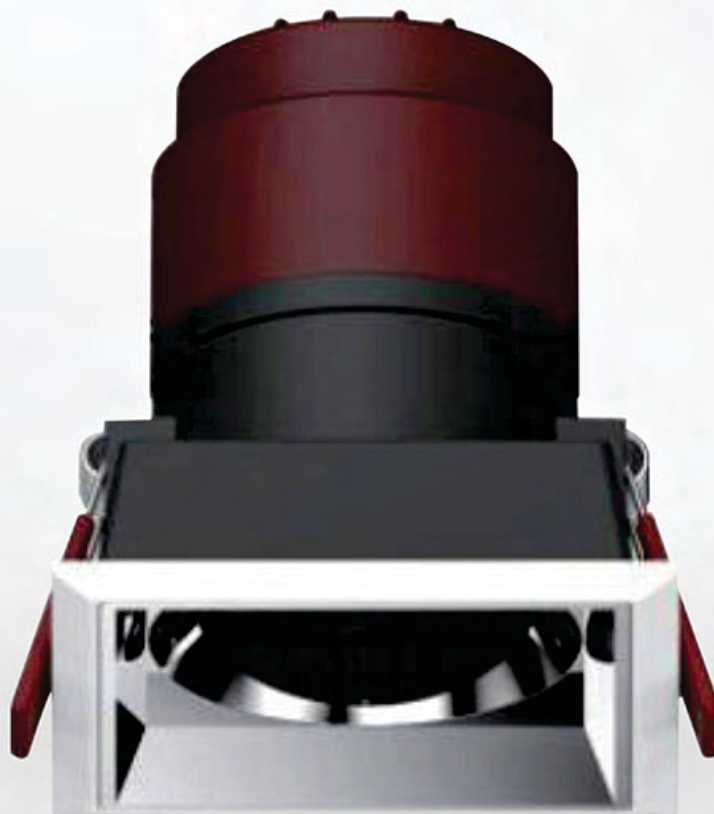
Highly recyclable



50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Lens (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLX4-007	7W	7000 lm	2700K	White	18° Reflector	Ø75	Ø83x93
DLX4-012	12W	1200 lm	3000K	Black	25° Reflector	Ø75	Ø83x108
DLX4-020	20W	2000 lm	4000K	Silver	35° Reflector	Ø95	Ø105x121
DLX4-025	25W	2500 lm	5000K	Grey		Ø95	Ø105x131

STAR S

- 

IP20



Class II



AC220-240V



Recessed Ceiling



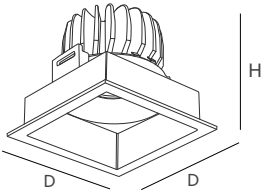
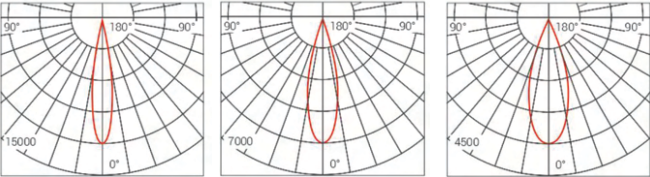
Highly recyclable



50K hours



Dimming options



CRI 90 100 LM/W PF>0.9

Die-cast aluminum + Lens (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLSS-010	10W	1000 lm	 3000K	 White	 12° Reflector	Ø80	Ø90x72
			 4000K	 Black	 24° Reflector		
			 5000K	 Golden	 38° Reflector		
					 55° Reflector		

STAR R



IP20



Class II



AC220-240V



Recessed Ceiling



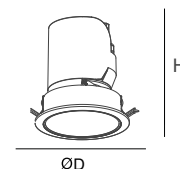
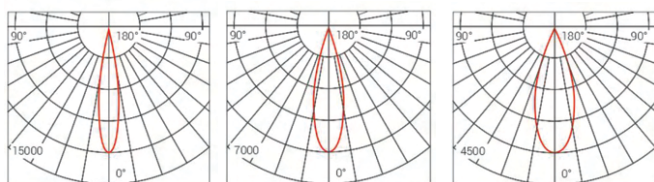
Highly recyclable



50K hours



Dimming options



CRI 90 100LM/W PF>0.9

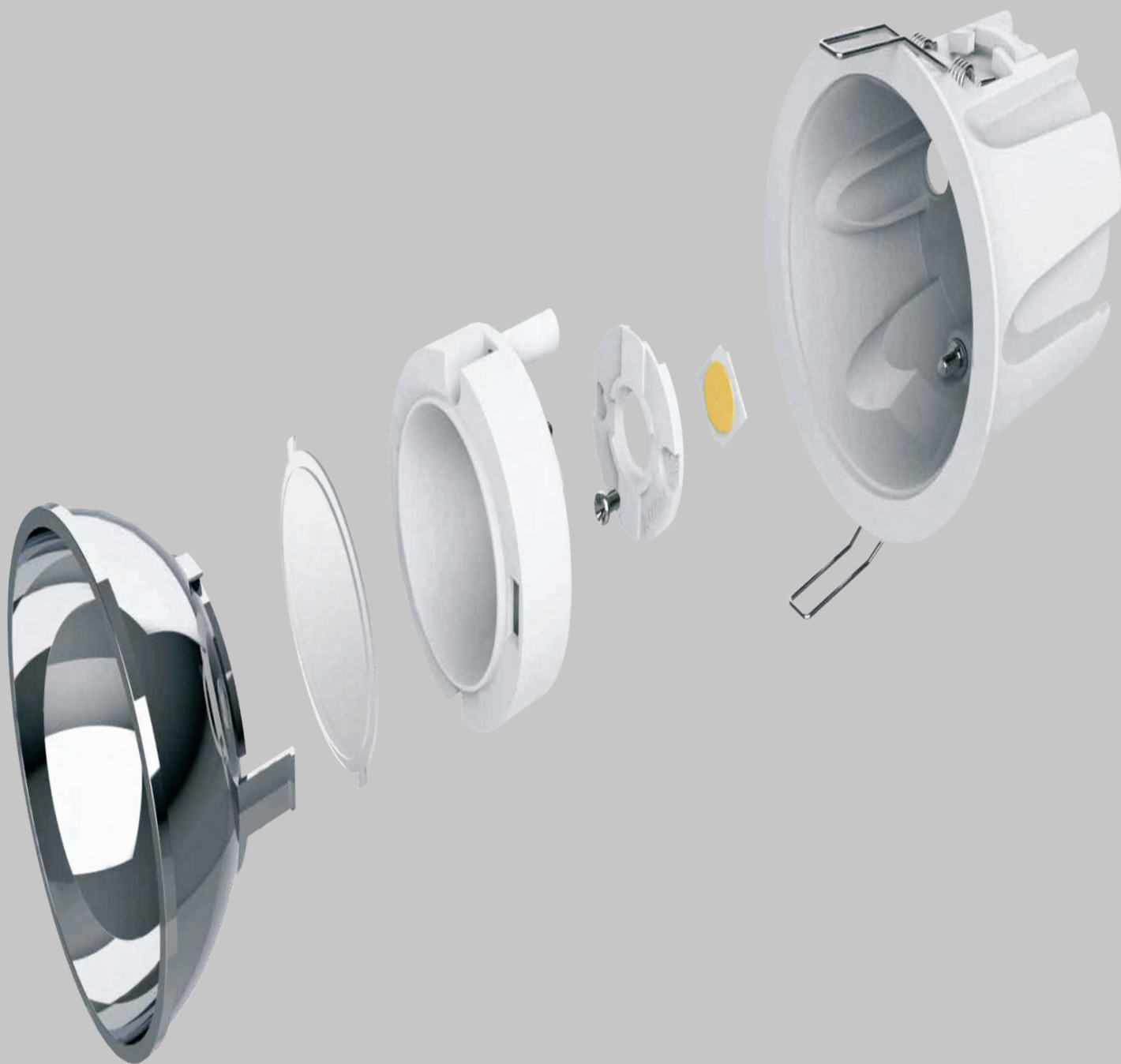
Die-cast aluminum + Lens (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLSS-010	10W	1000 lm	3000K	White	12° Reflector	Ø80	Ø90x72
			4000K	Black	24° Reflector		
			5000K	Golden	38° Reflector		
					55° Reflector		

Roz (Deep Spot Light)

Inspired from flower rose,an beautiful artistic design.Easy to change different color of reflector.

Light body made from original aluminum,RoHS Reach standard.



Convective heat dissipation design

Heat dissipation lamp body with reasonable
convection design Preferred national standard
ADC12 Aluminum Alloy Casting

brand optical lens

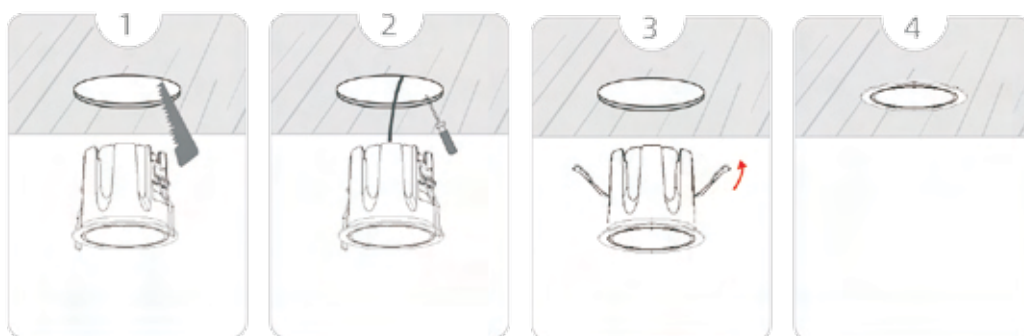
Choose brand optical lens High reflectivity and
precise light control, uniform and full light type
20° - 30° - 40° - 50° multi angle option Meet the
application of different space occasions





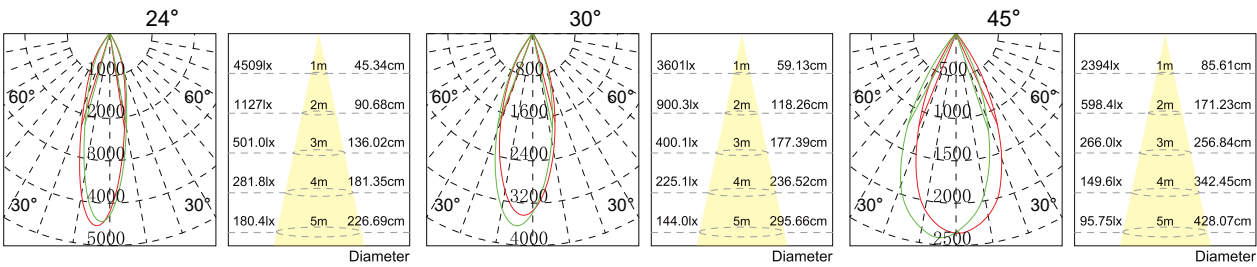
The Beam angle is 30° /50°

Fold up the two shrapnel of the lamp, and then drill the lamp into the ceiling for installation, so that the shrapnel sticks to the ceiling and the lamp cannot fall off.



ROZE

SEALED DESIGN
ANTI FOG AND ANTI DAZZLE







Bright Silver



Bright Black



Pink Gold



Bright Gold

ROZE



IP44



Class II



Ø 95mm



AC220-240V



Recessed Ceiling



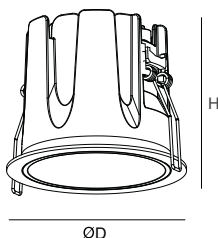
Highly recyclable



30K / 50K optional



Dimming options



ACCESSORIES



The heat lamp body



Drive power supply



Bright Silver



Bright Gold



Bright Black



Pink Gold

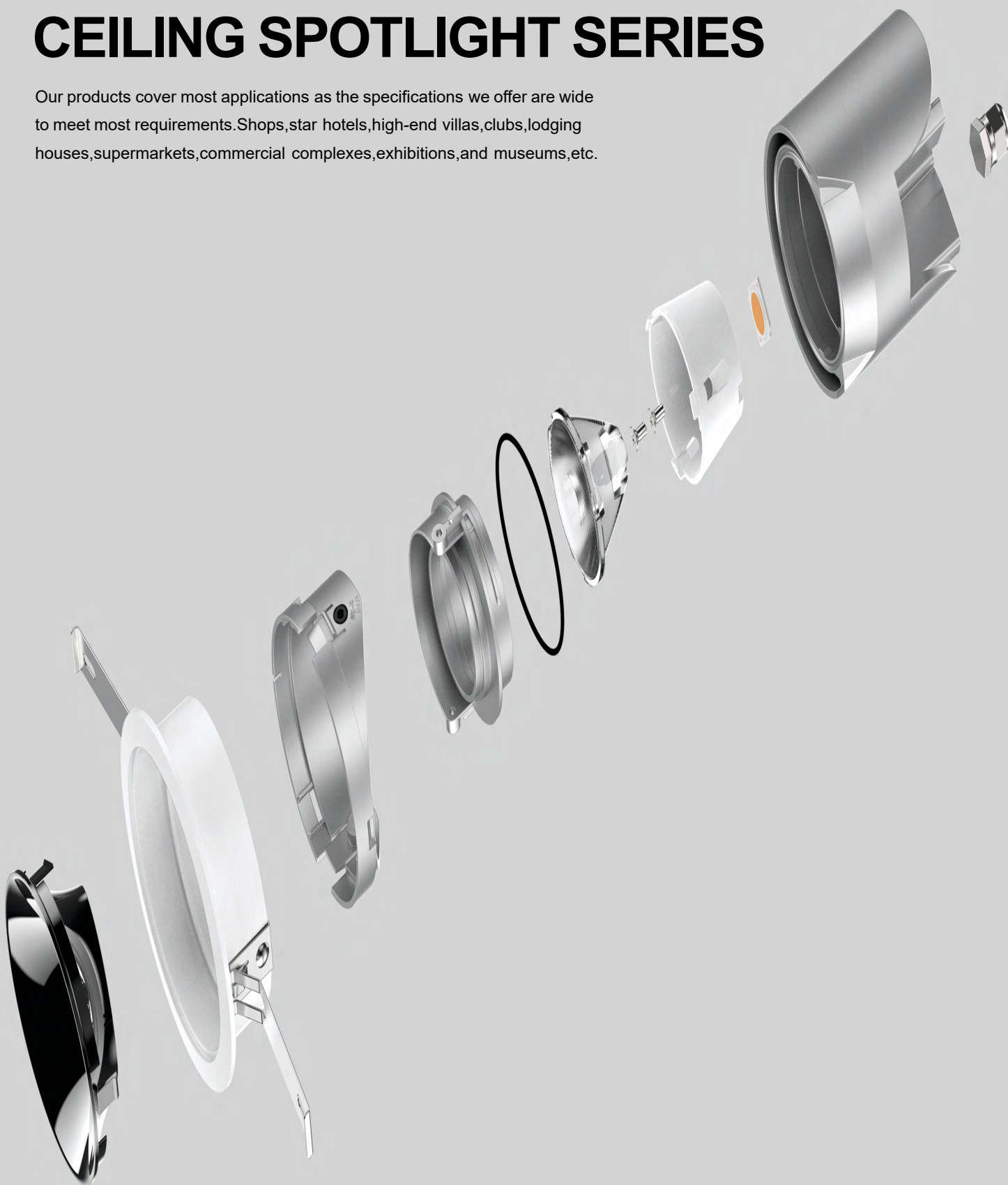
CRI 90 100 LM/W PF>0.9

Die-cast aluminum (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
SLRZ-005	5W	500 lm	2700K	Pink Gold	24° Reflector	Ø55	Ø64x50
SLRZ-010	10W	1000 lm	3000K	Bright Black	36° Reflector	Ø75	Ø85x70
SLRZ-015	15W	1500 lm	4000K	Golden	45° Reflector	Ø95	Ø105x85
			5000K	Fog Silver			

CEILING SPOTLIGHT SERIES

Our products cover most applications as the specifications we offer are wide to meet most requirements. Shops, star hotels, high-end villas, clubs, lodging houses, supermarkets, commercial complexes, exhibitions, and museums, etc.



Convective heat dissipation design

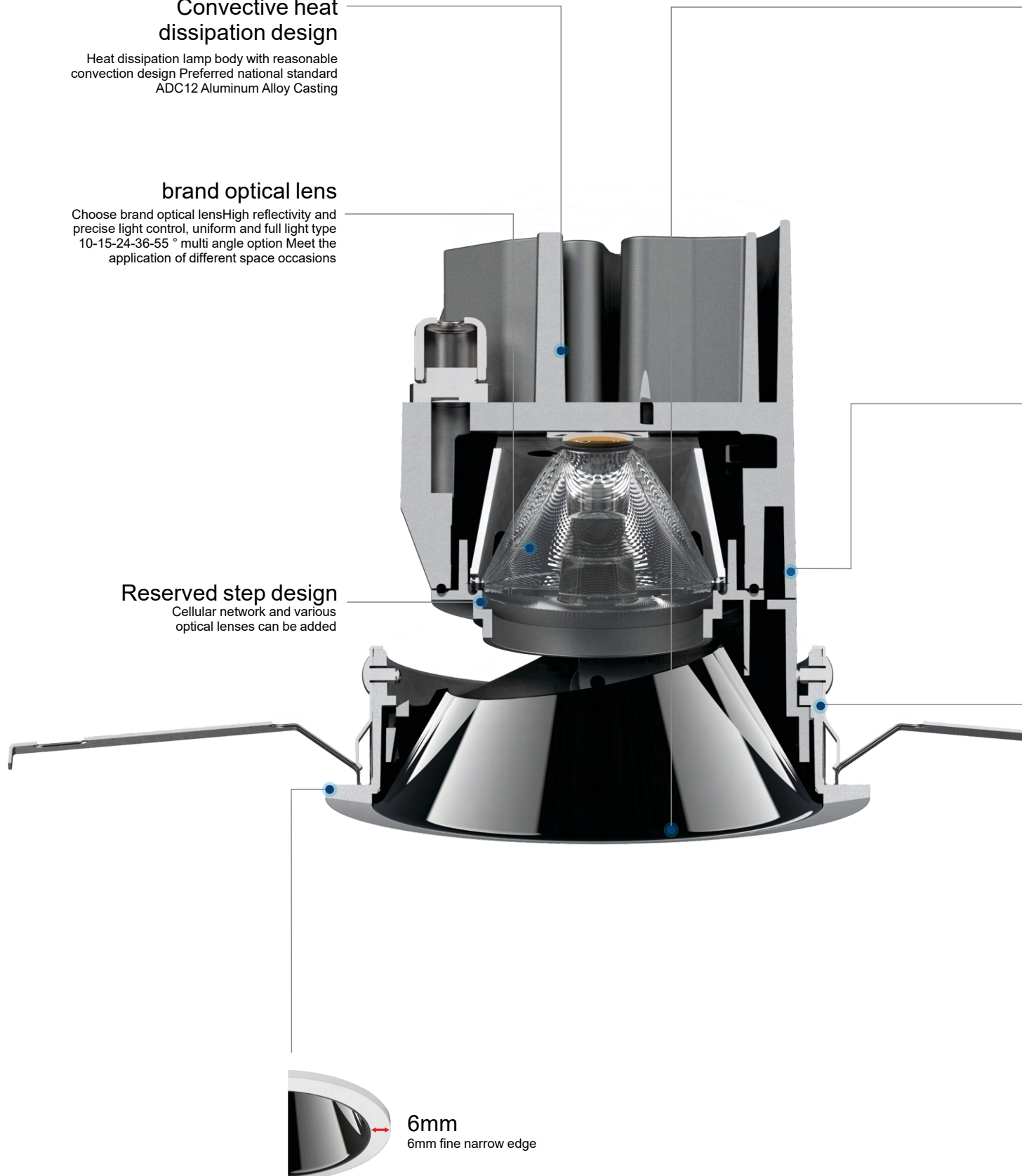
Heat dissipation lamp body with reasonable convection design Preferred national standard ADC12 Aluminum Alloy Casting

brand optical lens

Choose brand optical lens High reflectivity and precise light control, uniform and full light type 10-15-24-36-55 ° multi angle option Meet the application of different space occasions

Reserved step design

Cellular network and various optical lenses can be added

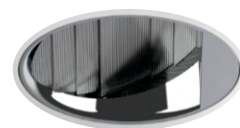




Elliptical hole small



Round hole



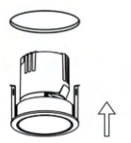
Polarized wall washing



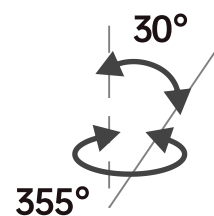
The maximum swing angle of accurate scale is 30°

Press firmly on the buckle on both sides and remove the lamp body downward

Fold up the two shrapnel of the lamp, and then drill the lamp into the ceiling for installation, so that the shrapnel sticks to the ceiling and the lamp cannot fall off.



KAUS T1



Bright silver



Fog Silver



Matte White



Golden



Black Light



Matte black

KAUS T1



IP40/IP65



Class II



AC220-240V



Recessed Ceiling



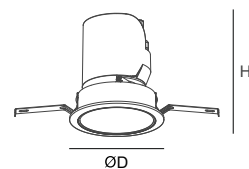
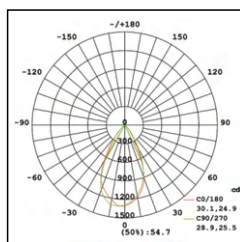
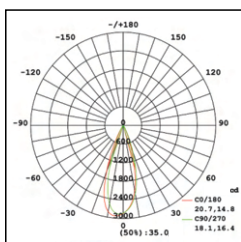
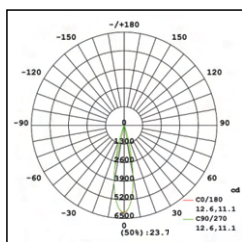
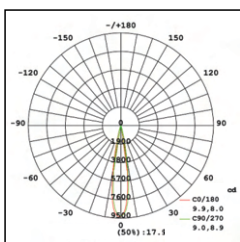
Highly recyclable



50K hours



Dimming options



CRI 90 100 LM/W PF>0.9

Die-cast aluminum (-0~45 °C)

ACCESSORIES

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLK1-005	5W	500 lm	2700K	White	15° Reflector	Ø55	Ø62x78
DLK1-007	7W	700 lm	3000K	Black	24° Reflector	Ø55	Ø62x78
DLK1-010	10W	1000 lm	4000K	Fog Silver	38° Reflector	Ø75	Ø85x92
DLK1-012	12W	1200 lm	5000K		55° Reflector	Ø75	Ø85x92
DLK1-015	15W	1500 lm				Ø75	Ø85x92
DLK1-20	20W	2000 lm				Ø95	Ø104x123
DLK1-25	25W	2500 lm				Ø95	Ø104x123



Bright silver



Matte black



Matte White



Black Light



Fog Silver



Golden

KAUS T2



IP40/IP65



Class II



AC220-240V



Recessed Ceiling



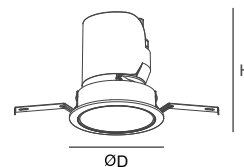
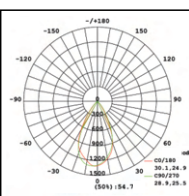
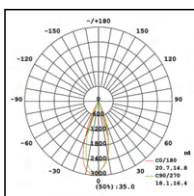
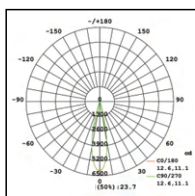
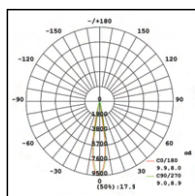
Highly recyclable



50K hours



Dimming options



CRI 90 100 LM/W PF>0.9

Die-cast aluminum (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLK2-008	8W	800 lm	2700K	White	15° Reflector	Ø75	Ø85x60
DLK1-010	10W	1000 lm	3000K	Black	24° Reflector	Ø75	Ø85x92
DLK1-012	12W	1200 lm	4000K	Fog Silver	38° Reflector	Ø75	Ø85x92
DLK1-015	15W	1500 lm	5000K		55° Reflector	Ø75	Ø85x92

ACCESSORIES



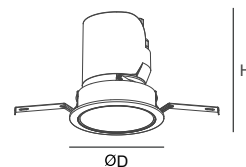
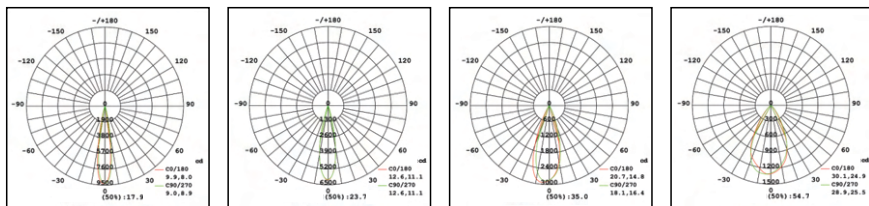
Black Light



Polarized wall washing

KAUS T3

-  IP40/IP65
-  Class II
-  AC220-240V
-  Recessed Ceiling
-  Highly recyclable
-  50K hours
-  Dimming options



CRI 90 100 LM/W PF>0.9

Die-cast aluminum (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
DLK3-008	8W	800 lm	 2700K	 White	 15° Reflector	Ø75	Ø85x60
DLK3-010	10W	1000 lm	 3000K	 Black	 24° Reflector	Ø75	Ø85x92
DLK3-012	12W	1200 lm	 4000K	 Fog Silver	 38° Reflector	Ø75	Ø85x92
DLK3-015	15W	1500 lm	 5000K		 55° Reflector	Ø75	Ø85x92

ACCESSORIES



INDOOR SPOT LIGHTS

FRATER®

SPAIN SINCE 1999

VEGA



IP20



Class II



AC220-240V



Recessed Ceiling



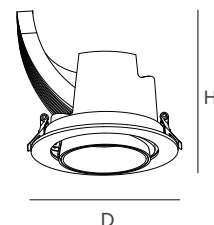
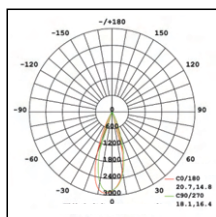
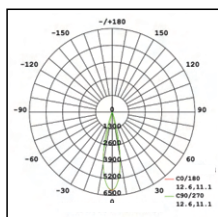
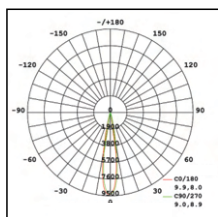
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 90 100 LM/W PF>0.9

Die-cast aluminum + Lens (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)DxH
SLVG-020	20W	2000 lm	2700K	White	15° Reflector	Ø95	Ø110x110
SLVG-030	30W	3000 lm	3000K	Black	24° Reflector	Ø125	Ø138x150
SLVG-040	40W	4000 lm	4000K	Silver	38° Reflector	Ø145	Ø158x168
			5000K				

SPOT LIGHT VEGA

Our products cover most applications as the specifications we offer are wide to meet most requirements. Shops, star hotels, high-end villas, clubs, lodging houses, supermarkets, commercial complexes, exhibitions, and museums, etc.



SPECTRA



IP20



Class II



AC220-240V



Recessed Ceiling



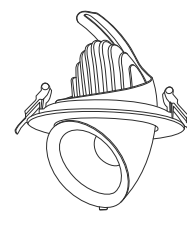
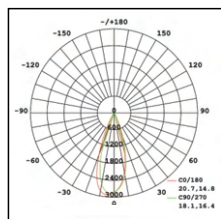
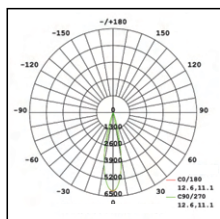
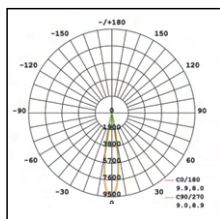
Highly recyclable



30K / 50K hours optional



Dimming options



D

CRI 90 100 LM/W PF>0.9

Die-cast aluminum + Lens (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Cut out (mm)	Dimension (mm)D
SLSP-010	10W	1000 lm	3000K	White	15° Reflector	Ø75	Ø86
SLSP-020	20W	2000 lm	4000K	Bright Black	24° Reflector	Ø90	Ø114
SLSP-030	30W	3000 lm	5000K	Matt Black	38° Reflector	Ø120	Ø140
SLSP-040	40W	4000 lm		Silver		Ø145	Ø165



INDOOR WALL WASHER

FRATER®

SPAIN SINCE 1999

LYRA



IP20



Tunable white



UGR<19



Wall washer



AC220-240V



Recessed Ceiling



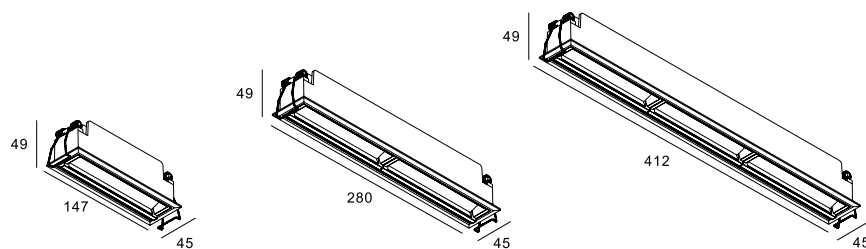
Highly recyclable



30K / 50K hours optional



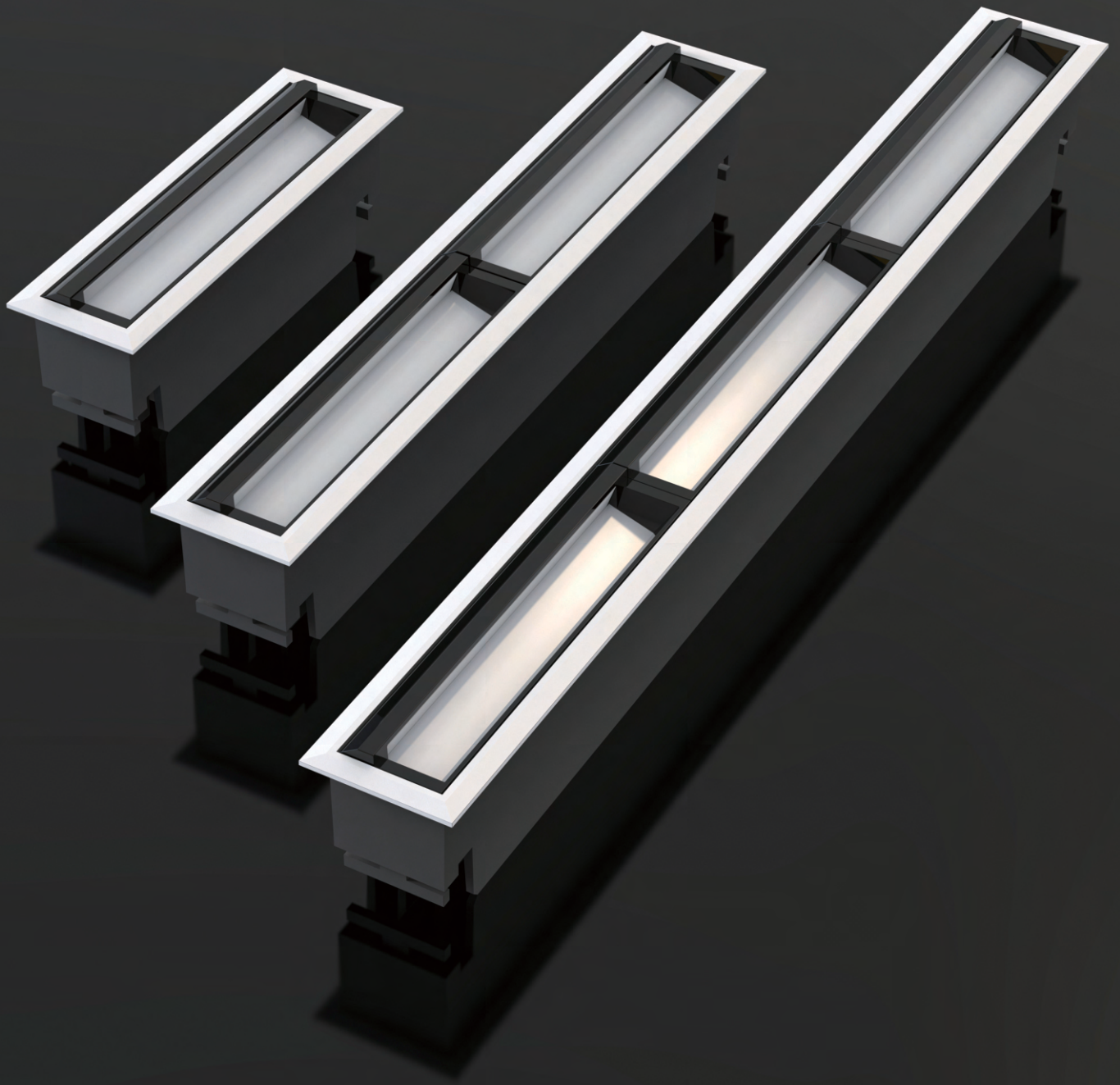
Dimming options



CRI 80 80 LM/W PF>0.9

Die-cast aluminum (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WSLR-012	12W	960 lm	2700K	White	120° Reflector	147x45x49
WSLR-024	24W	1920 lm	3000K	Black		280x45x49
WSLR-036	36W	2880 lm	3500K	Silver		412x45x49
			4000K			
			2700-6000K			
			RGBW			



INDOOR LINEAR GRAZER LIGHTS

FRATER®

SPAIN SINCE 1999

RAVON



IP65



Tunable white



UGR<19



Wall washer



AC220-240V



Recessed Ceiling



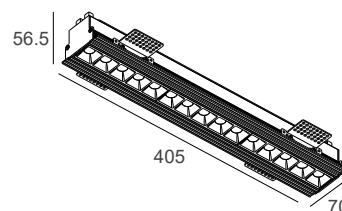
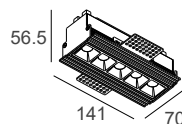
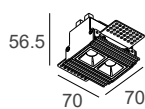
Highly recyclable



30K / 50K hours optional



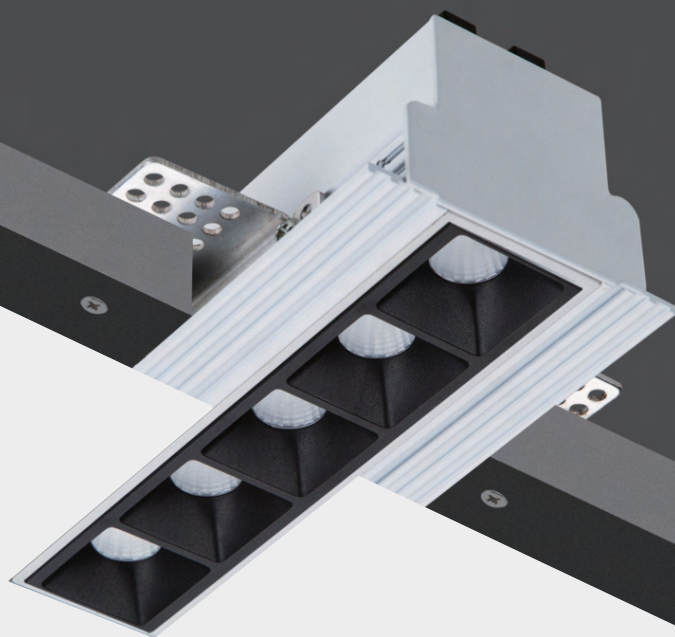
Dimming options



CRI 80 80 LM/W PF>0.9

Die-cast aluminum (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LGRV-006	6W	480 lm	2700K	White	22° Reflector	70x70x56.5
LGRV-010	10W	800 lm	3000K	Black	36° Reflector	141x70x56.5
LGRV-030	30W	2400 lm	4000K		45° Reflector	405x70x56.5
			5000K			



shiny silver



rose gold



gold



bright black



matt black



matt white



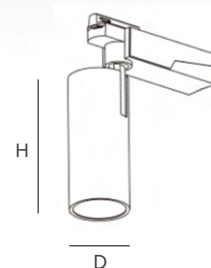
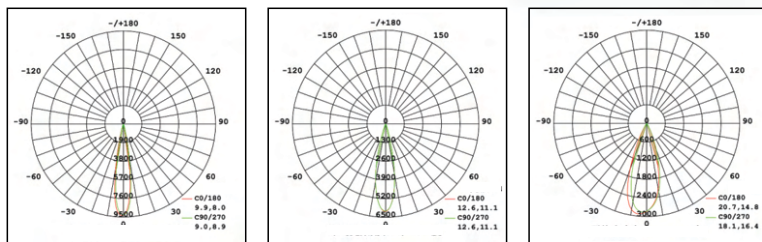
INDOOR TRACK LIGHTS

FRATER®

SPAIN SINCE 1999

TRL11

-  IP20
-  Class II
-  AC220-240V
-  Track Mounted
-  Highly recyclable
-  30K / 50K hours optional
-  Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Clear Glass / PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRL1-010	10W	1000 lm	 3000K	 White	 15° Reflector	Ø50x130
TRL1-020	20W	2000 lm	 4000K	 Black	 24° Reflector	Ø60x134
TRL1-030	30W	3000 lm	 5000K		 38° Reflector	Ø90x137
TRL1-040	40W	4000 lm				Ø90x137

RIGEL



IP20



Class II



AC220-240V



Track Mounted



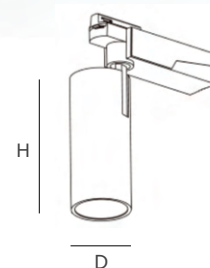
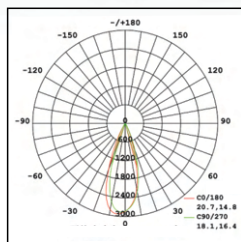
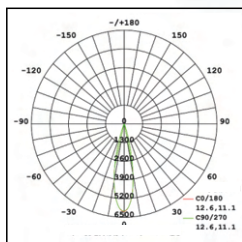
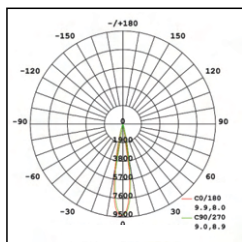
Highly recyclable



30K / 50K hours optional



Dimming options



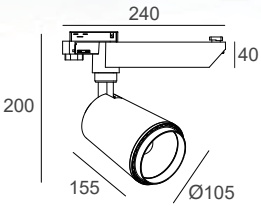
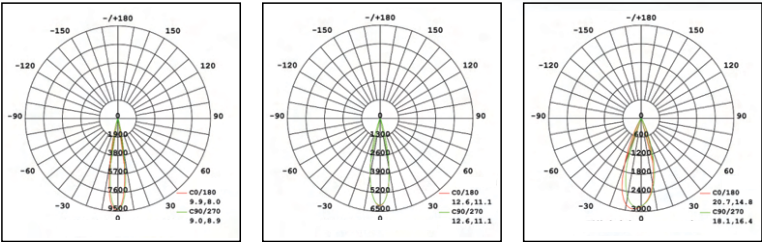
CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Clear Glass / PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRRL-010	10W	1000 lm	3000K	White	15° Reflector	Ø55x130
TRRL-020	20W	2000 lm	4000K	Black	24° Reflector	Ø62x180
TRRL-030	30W	3000 lm	5000K	Silver	38° Reflector	Ø75x160
TRRL-040	40W	4000 lm		Grey		Ø80x160

BAND

-  IP20
-  Class II
-  AC220-240V
-  Track Mounted
-  Highly recyclable
-  30K / 50K hours optional
-  Dimming options



CRI 80 100 LM/W PF>0.9 Die-cast aluminum + Clear Glass (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRBD-035	35W	3500 lm	 2700K	 White	 15° Reflector	Ø105x155
			 3000K	 Black	 24° Reflector	
			 4000K	 Silver	 38° Reflector	
			 5000K			

CASTOR



IP20



Class II



AC220-240V



Track Mounted



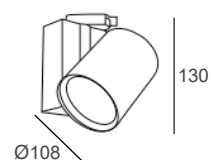
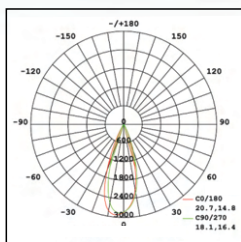
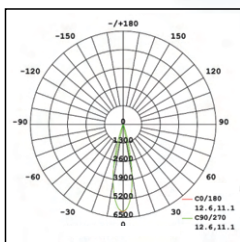
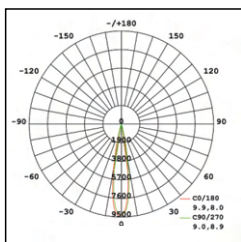
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Clear Glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRCT-040	40W	4000 lm	2700K	White	15° Reflector	Ø162x158
TRCT-050	50W	5000 lm	3000K	Black	24° Reflector	Ø162x158
			4000K	Silver	38° Reflector	
			5000K			

Free zoom

15 ° spotlight ~ 55 ° astigmatism



Rotate 360 °

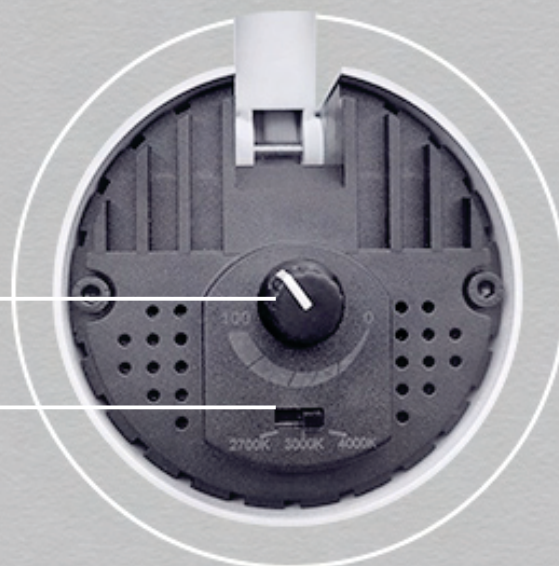


15 ° spotlight

55 ° Astigmatism

Stepless adjustment light dark

3-level color matching design



FREE ZOOM I



IP20



Class II



AC220-240V



Track Mounted



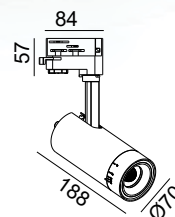
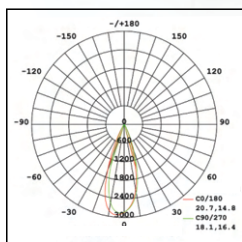
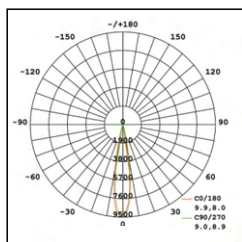
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

Die-cast aluminum + Clear Glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRF1-015	15W	1500 lm	2700K	White	15° Reflector	Ø70x188
TRF1-025	25W	2500 lm	3000K	Black	55° Reflector	Ø70x188
			4000K			

ACCESSORIES



Honeycomb
Optional

FREE ZOOM II



IP20



Class II



AC220-240V



Track Mounted



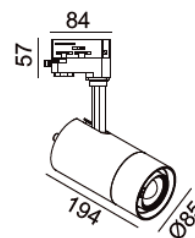
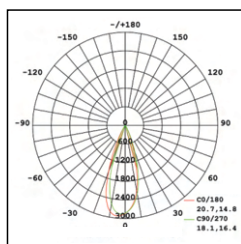
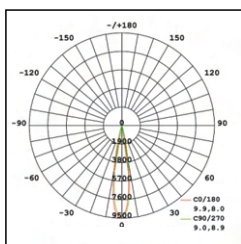
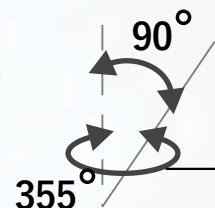
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100 LM/W PF>0.9

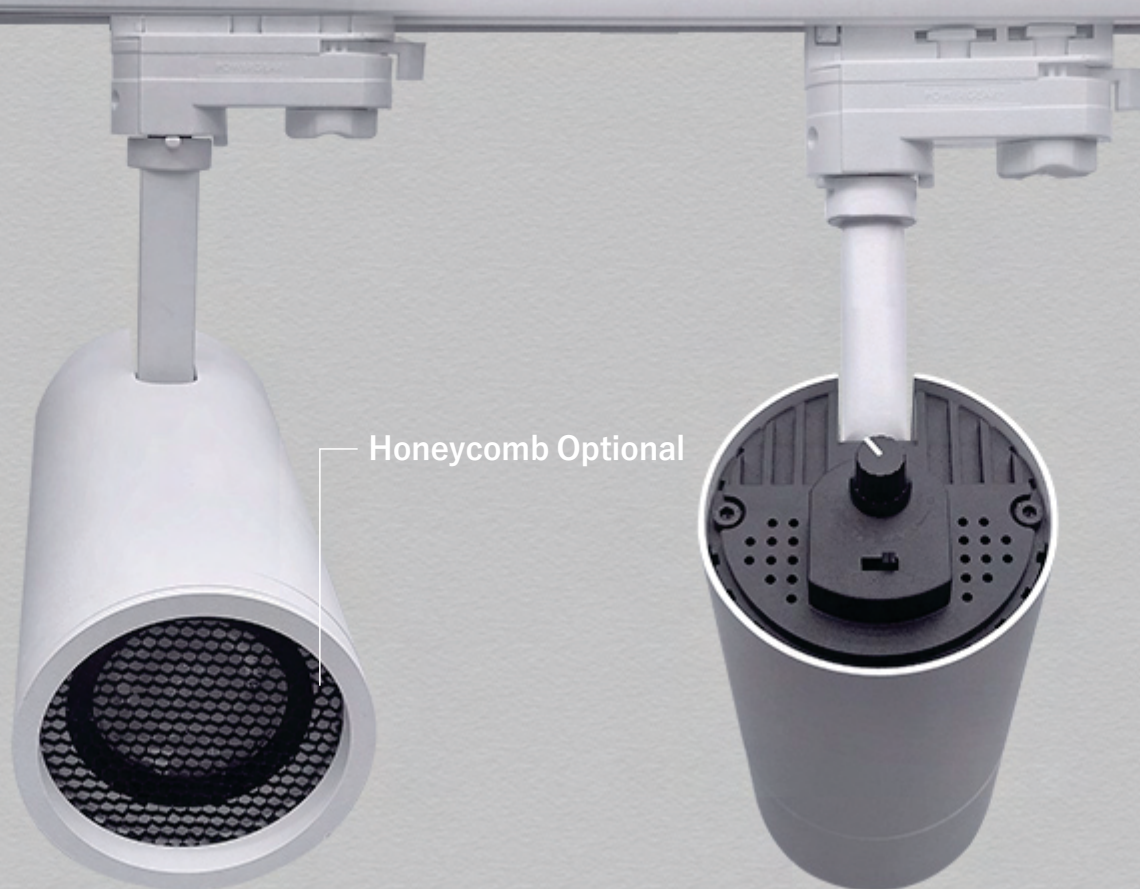
Die-cast aluminum + Clear Glass (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
TRF2-025	25W	1500 lm	2700K	White	15° Reflector	Ø85x194
			3000K	Black	55° Reflector	
			4000K			

ACCESSORIES

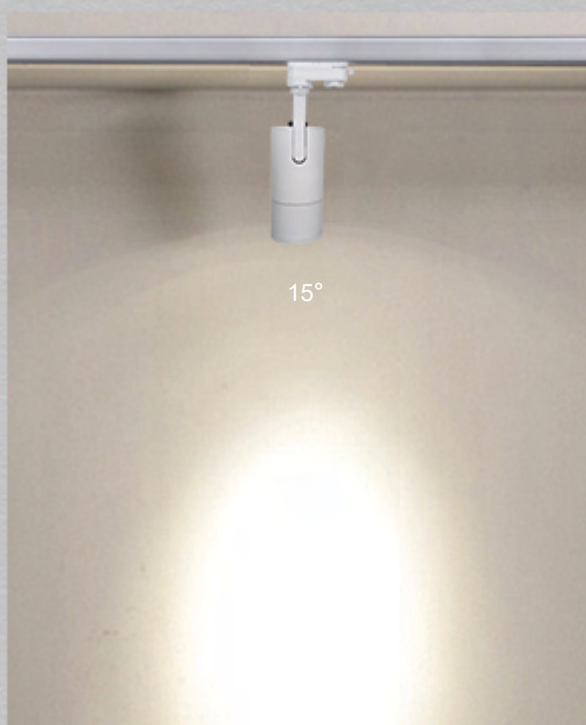


Honeycomb
Optional



Electrodeless focusing spotlight

Strong and soft light, free switching



INDOOR CEILING LIGHTS

FRATER®

SPAIN SINCE 1999

OMEGA



IP54



Class II



AC220-240V



Ceiling Surface



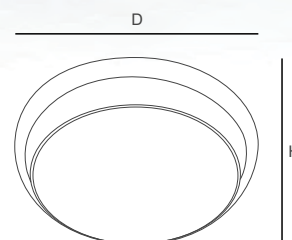
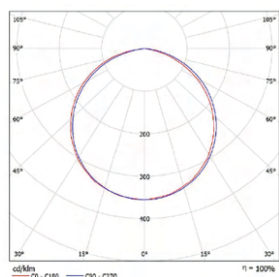
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 90 LM/W PF>0.9

Polycarbonate + Opal Polycarbonate (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
CLOM-015	15W	1350 lm	3000K	White	110° Reflector	Ø 320x100
CLOM-020	20W	1800 lm	4000K			Ø 320x100
CLOM-026	26W	2340lm	5000K			Ø 320x100
			6500K			

MUSHROOM



IP44



Class II



AC220-240V



Ceiling Surface



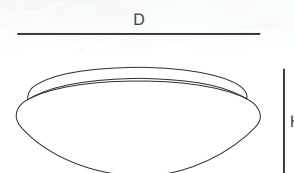
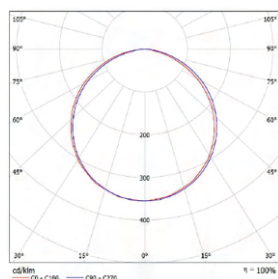
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 90 LM/W PF>0.9

Die Cast Aluminium + Opal Polycarbonate (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
CLMU-012	12W	1080 lm	3000K	White	120° Reflector	Ø 280x95
CLMU-018	18W	1620 lm	4000K			Ø 360x105
CLMU-022	22W	1980 lm	6500K			Ø 410x115
CLMU-032	32W	2880 lm				Ø 410x115

SADR

- IP44

Class II

AC220-240V

Ceiling Surface

Highly recyclable

30K / 50K hours optional
-
-
-
- | CRI 80 100LM/W PF>0.9 | | | Polycarbonate + Opal Polycarbonate (- 0~45 °C) | | | |
|-----------------------|---------|---------|--|--------------------|----------------------------|-------------------|
| Code | Wattage | Lumen | Color Temp. | Finish | Optics | Dimension (mm)DxH |
| CLSD-018 | 18W | 1800 lm | <div></div> 3000K | <div></div> White | <div></div> 110° Reflector | Ø 330x90 |
| | | | <div></div> 4000K | <div></div> Black | | |
| | | | <div></div> 5500k | <div></div> Silver | | |
- 065



INDOOR / OUTDOOR SURFACE DOWNLIGHTS

FRATER®

SPAIN SINCE 1999

POLLUX



IP20



Class II



AC220-240V



Ceiling Surface



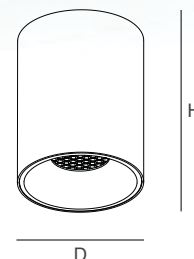
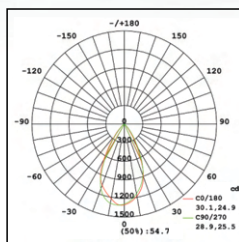
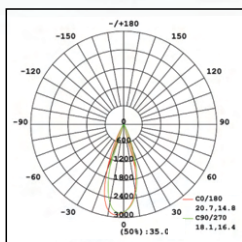
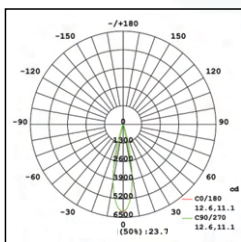
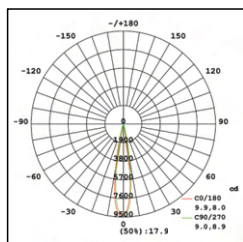
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 90 75LM/W PF>0.9

Die Cast Aluminium + Opal Polycarbonate (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
SDPX-010	10W	750 lm	3000K	White	15° Reflector	Ø75x90
SDPX-020	20W	1500 lm	4000K	Bright Black	24° Reflector	Ø91x112
SDPX-030	30W	2200 lm	5000K	Matt Black	36° Reflector	Ø128x137
				Silver	55° Reflector	

CAPELLA



IP20 / IP65



Class II



AC220-240V



Ceiling Surface



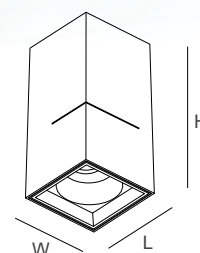
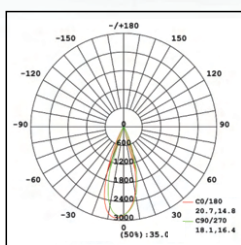
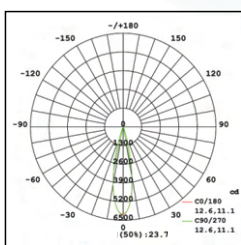
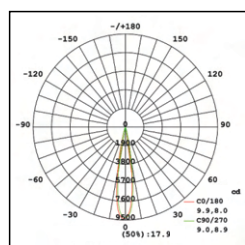
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 90 100LM/W PF>0.9

Die Cast Aluminium + Lens (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
SDCP-006	6W	600 lm	3000K	White	15° Reflector	Ø60x135
SDCP-012	12W	1200 lm	4000K	Bright Black	24° Reflector	Ø78x150
SDCP-020	20W	2000 lm	5000K	Matt Black	36° Reflector	Ø100x197
				Silver		

INDOOR LINEAR LIGHT I

FRATER®

SPAIN SINCE 1999

LR34

- 

IP40
- 

Class II
- 

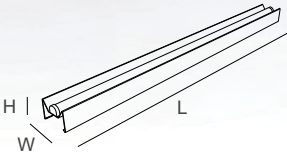
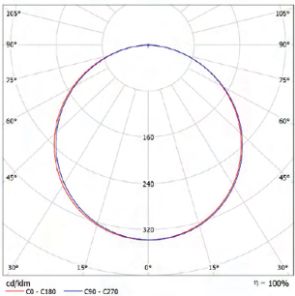
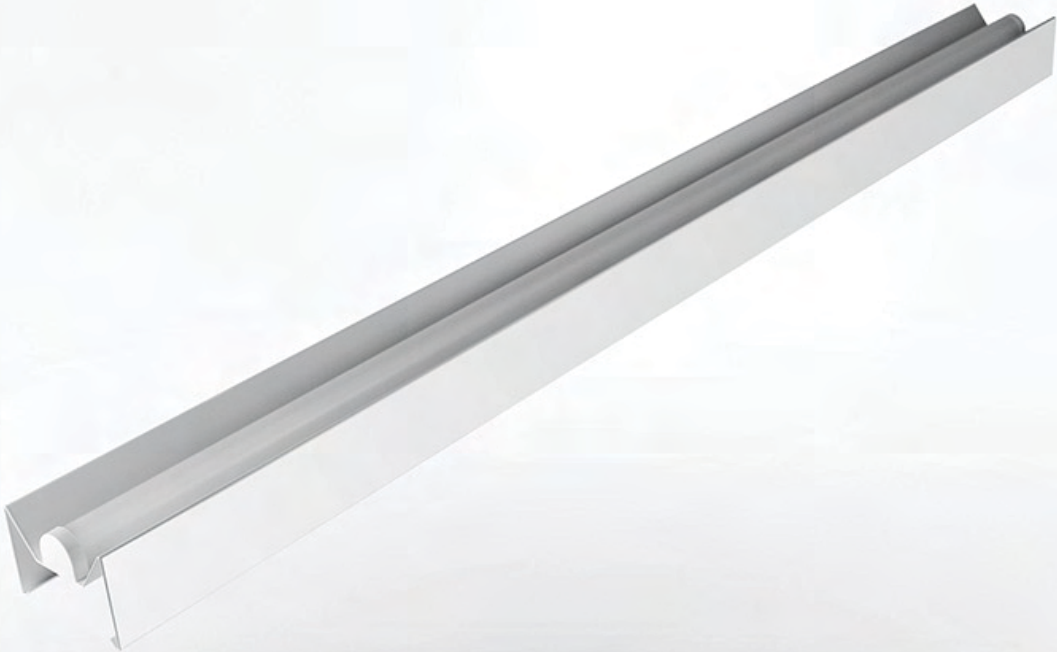
AC220-240V
- 

Surface Mounted
- 

Highly recyclable
- 

30K / 50K hours optional
- 

Dimming options



CRI 80 130LM/W PF>0.9			CRCA Steel + PMMA (- 0~45 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LR34-026	26W	3380 lm	 3000K	 White	 115° Reflector	1200x110x75
LR34-030	30W	3900 lm	 4000K			1200x110x75
LR34-036	36W	4680 lm	 6500K			1200x110x75
LR34-040	40W	5200 lm				1200x110x75
LR34-045	45W	5850 lm				1430x110x75
LR34-052	52W	6760 lm				1430x110x75

SURFACE SHINE



IP40



Class II



AC220-240V



Surface Mounted



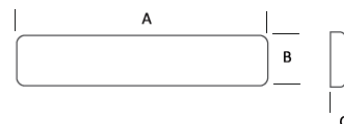
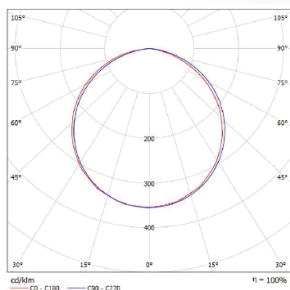
Highly recyclable



30K / 50K hours optional



Dimming options



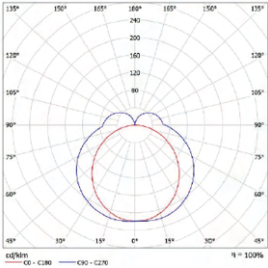
CRI 80 100LM/W PF>0.9

Poly Carbonate + Opal Polycarbonate (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LRSS-020	20W	2000 lm	4000K	White	120° Reflector	590x198x68
LRSS-038	38W	3800 lm	6500K			1190x198x68
LRSS-052	52W	5200 lm				1490x198x68

SURFACE I

-  IP40
-  Class II
-  AC220-240V
-  Surface Mounted
-  Highly recyclable
-  30K / 50K hours optional
-  Dimming options



CRI 80 110LM/W PF>0.9				CRCA Steel + PMMA (- 0~45 °C)		
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LRS1-030	30W	3300 lm	 4000K	 White	 120° Reflector	1258x102x88
LRS1-036	36W	3900 lm	 5000K			1258x102x88
LRS1-042	42W	4600 lm	 6.500K			1258x102x88
LRS1-046	46W	5000 lm				1558x102x88
LRS1-050	50W	5500 lm				1558x102x88

SURFACE II



IP40



Class II



AC220-240V



Surface Mounted



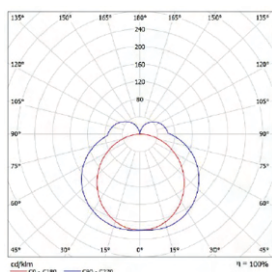
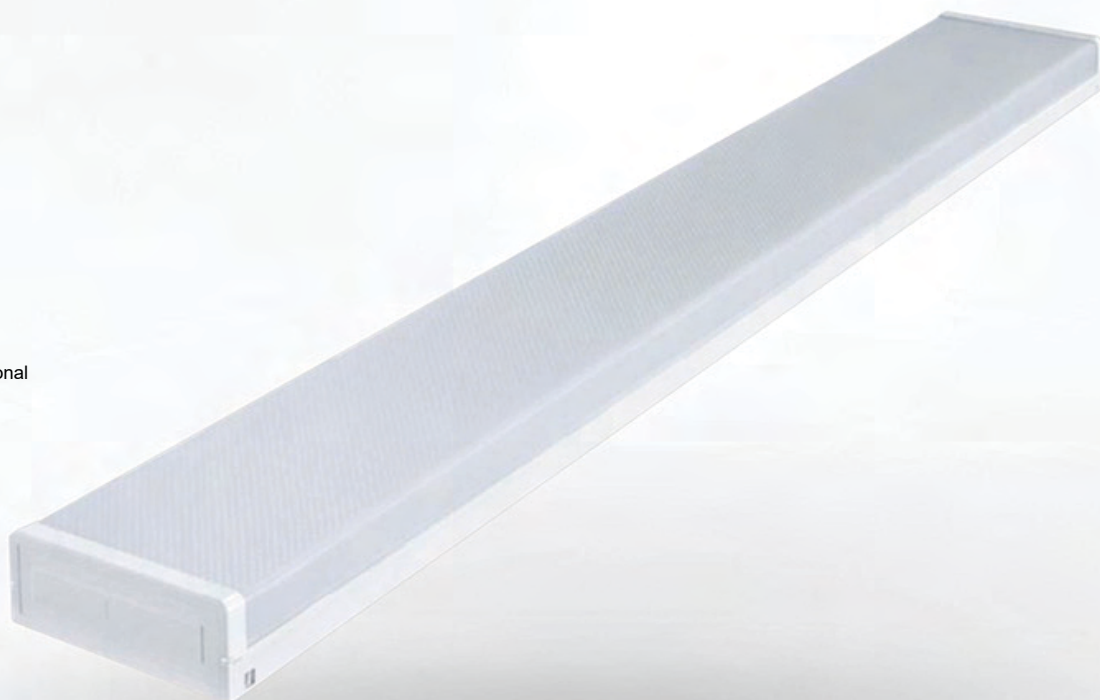
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 115LM/W PF>0.9

CRCA Steel + PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LRS2-042	42W	4800 lm	4000K	White	120° Reflector	1258x176x66
LRS2-052	52W	5900 lm	5000K			1258x176x66
LRS2-060	60W	6900 lm	6500K			1258x176x66

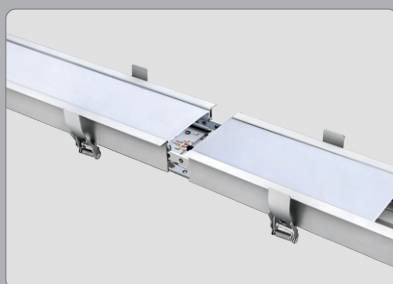
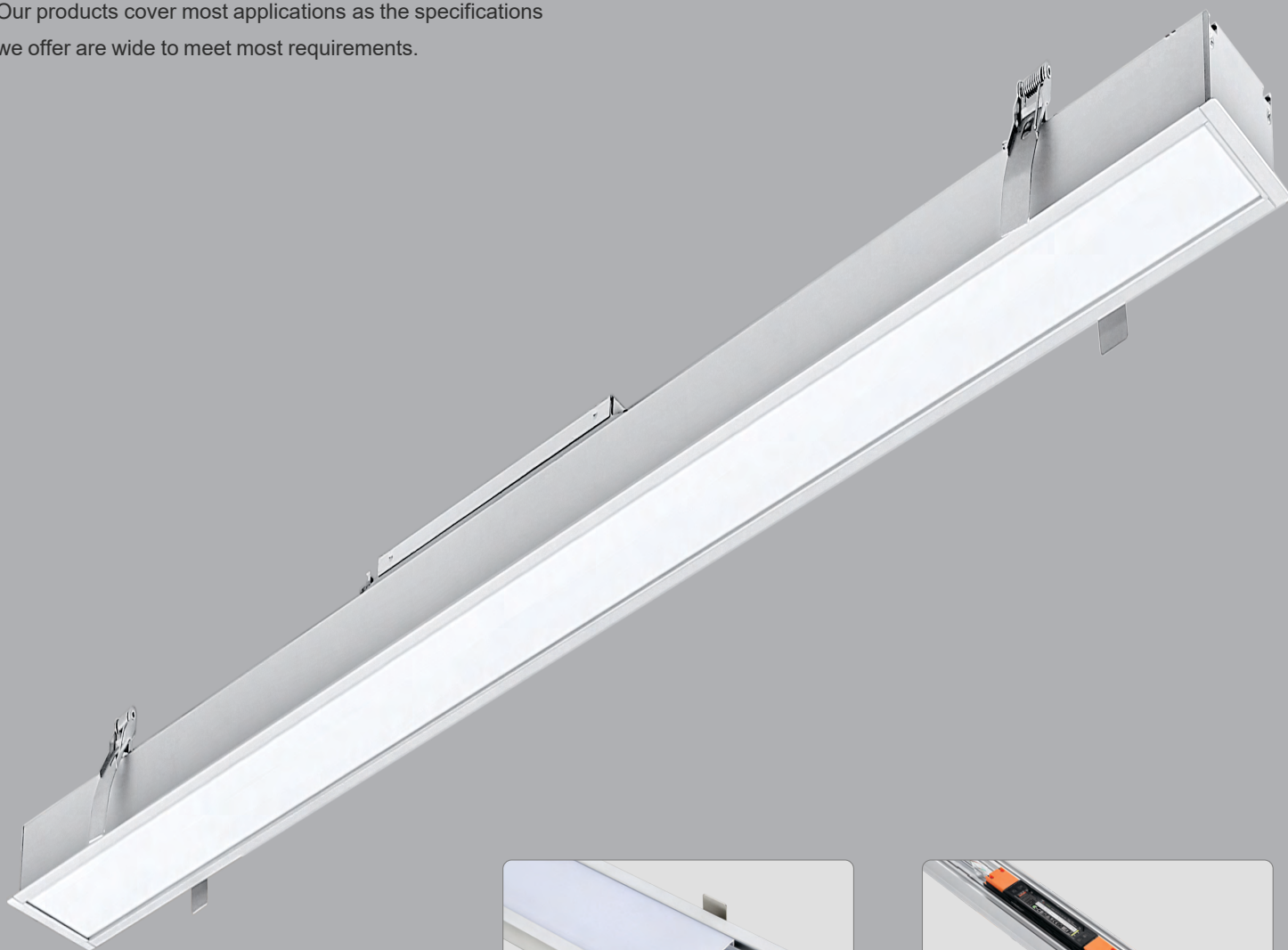
INDOOR LINEAR LIGHT II

FRATER®

SPAIN SINCE 1999

LED LINEAR LIGHT

Our products cover most applications as the specifications we offer are wide to meet most requirements.



LINE I



IP20



Class II



AC220-240V



Recessed Ceiling



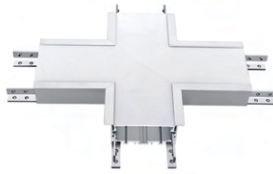
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 120LM/W PF>0.9

Diecast Aluminum + PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LRL1-020	20W	2400 lm	3000K	White	120° Reflector	645x80x30
LRL1-040	40W	4800 lm	4000K	Black		1288x80x30
LRL1-060	60W	7200 lm	6000K	Silver		1920x80x30
LRL1-080	80W	9600 lm				2550x80x30

LINE II



IP20



Class II



AC220-240V



Recessed Ceiling



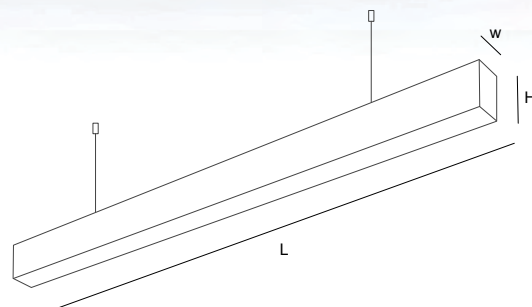
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100LM/W PF>0.9

Diecast Aluminum + PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
LRL2-020	20W	2000 lm	3000K	White	120° Reflector	605x75x75
LRL2-040	40W	4000 lm	4000K	Black		1200x75x75
LRL2-060	60W	6000 lm	6000K	Silver		1797x75x75
LRL2-080	80W	8000 lm				2390x75x75

INDOOR MIRROR LIGHTS

FRATER®

SPAIN SINCE 1999

STAROS I



IP44



Class II



AC220-240V



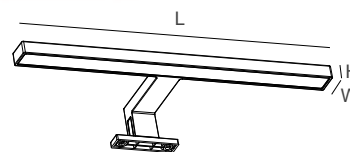
Surface Mounted



Highly recyclable



30K / 50K hours optional



CRI 80 90LM/W PF>0.9

Aluminum + PC (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
MLS1-006	6W	540 lm	3000K	White	113° Reflector	300x111x44
MLS1-008	8W	720 lm	4000K	Black		500x111x44
MLS1-012	12W	1080 lm	6000K	Silver		600x111x44
MLS1-015	15W	1350 lm				900x111x44

STAROS II



IP44



Class II



AC220-240V



Surface Mounted



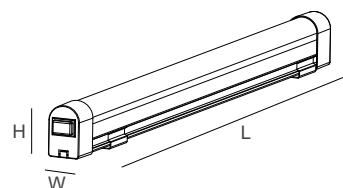
Highly recyclable



30K / 50K hours optional



Shaver Socket optional



CRI 80 90LM/W PF>0.9

Aluminum + PC (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
MLS2-007	7W	630 lm	3000K	Whiter	136° Reflector	400x24.4x41.4
MLS2-015	15W	1350 lm	4000K			600x24.4x41.4
MLS2-018	18W	1620 lm	6000K			774x24.4x41.4
MLS2-020	20W	1800 lm				1004x24.4x41.4

INDOOR PENDANT LIGHTS

FRATER®

SPAIN SINCE 1999

RAVOS I



IP20



Class II



AC220-240V



Suspended



Highly recyclable



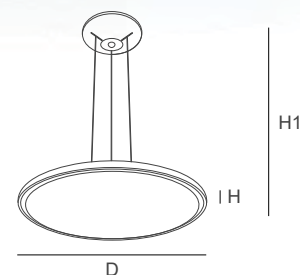
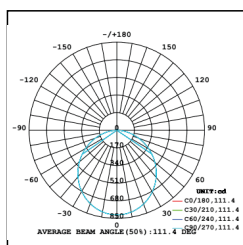
30K / 50K hours optional



Dimming options



Adjustable Heights



CRI 90 100LM/W PF>0.9

Steel base + PMMA (-0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxH1
PDR1-024	24W	2400 lm	3000K	White	120° Reflector	Ø 300x16x1200
PDR1-030	30W	3000 lm	4000K	Black		Ø 400x16x1200
PDR1-040	40W	4000 lm	5000K	Nickel		Ø 500x16x1200
PDR1-048	48W	4800 lm	6000K			Ø 600x16x1200
PDR1-072	72W	7200 lm				Ø 800x16x1200
PDR1-096	96W	9600 lm				Ø 1000x16x1200

RAVOS II



IP20



Class II



AC220-240V



Suspended



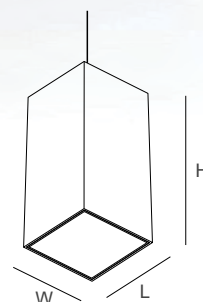
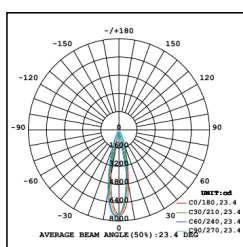
Highly recyclable



30K / 50K hours optional



Dimming options



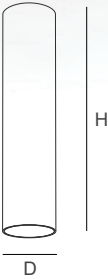
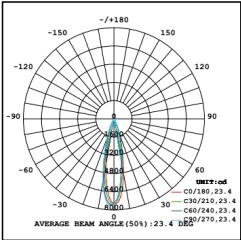
CRI 95 85LM/W PF>0.9

Aluminum + Lens (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)WxLxH
PDR2-008	8W	680 lm	3000K	White	15° Reflector	55x55x165
PDR2-012	12W	1020 lm	4000K	Black	30° Reflector	55x55x205
PDR2-015	15W	1275 lm	5000K		45° Reflector	55x55x165/245
PDR2-020	20W	1700 lm	6000K			75x75x205
PDR2-025	25W	2125 lm				95x95x205
PDR2-030	30W	2550 lm				95x95x245

RAVOS III

- IP20
- Class II
- AC220-240V
- Suspended
- Highly recyclable
- 30K / 50K hours optional
- Dimming options



CRI 95 80LM/W PF>0.9			Aluminum + Lens (- 0~45 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
PDR3-008	8W	680 lm	3000K	White	15° Reflector	Ø 55x165
PDR3-012	12W	1020 lm	4000K	Black	30° Reflector	Ø 55x205
PDR3-015	15W	1275 lm	5000K	Golden	45° Reflector	Ø 65x165
PDR3-020	20W	1700 lm	6000K			Ø 75x165
PDR3-025	25W	2125 lm				Ø 75x205
PDR3-030	30W	2550 lm				Ø 75x245

RAVOS IV



IP20



Class II



AC220-240V



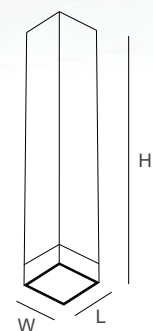
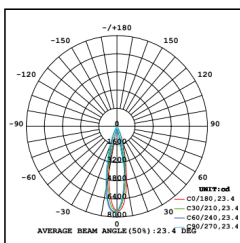
Suspended



Highly recyclable



30K / 50K hours optional



CRI 80 80LM/W PF>0.9

Aluminum + Lens (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)WxLxH
PDR4-007	7W	560 lm	3000K	White	15° Reflector	40x40x300
			4000K	Black	30° Reflector	
			6000K	Brushed Rose Gold	45° Reflector	

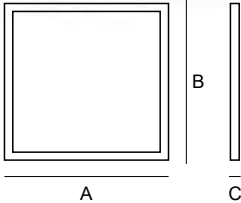
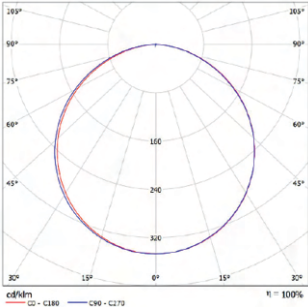
INDOOR PANEL LIGHTS

FRATER®

SPAIN SINCE 1999

PLE 6060 Edgelit Panel

- IP40
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 30K / 50K hours optional
- Dimming options



CRI 80 100LM/W PF>0.9			Diecast Aluminum + Opal (- 0~45 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)AxBxC
PLE6060-036	36W	3600 lm	3000K	White	110° Reflector	595x595x9
PLE6060-040	40W	4000 lm	4000K			595x595x9
			5000K			
			6000K			

PLE 1230 Edgelit Panel



IP40



Class II



AC220-240V



Recessed Ceiling



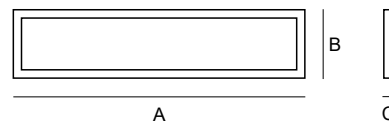
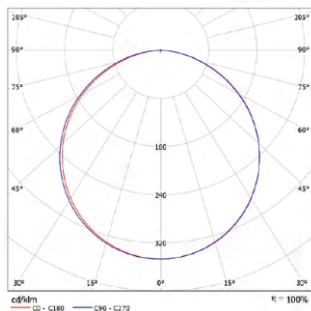
Highly recyclable



30K / 50K hours optional



Dimming options



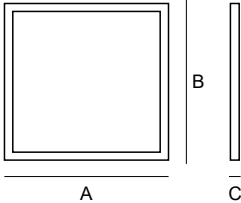
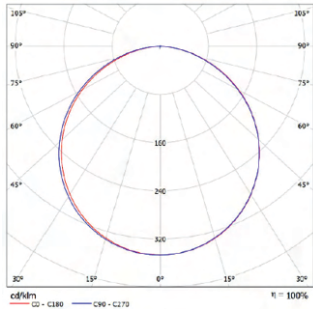
CRI 80 100LM/W PF>0.9

Diecast Aluminum + Opal (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)AxBxC
PLE1230-036	36W	3600 lm	3000K	White	110° Reflector	1195x295x10
PLE1230-040	40W	4000 lm	4000K			1195x295x10
PLE1230-060	60W	6000 lm	6000K			1195x595x10

PLEW 6060 Edgelit Panel

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 30K / 50K hours optional
- Dimming options



CRI 80 100LM/W PF>0.9			Diecast Aluminum + Opal (- 0~45 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)AxBxC
PLEW6060-036	36W	3600 lm	3000K	White	120° Reflector	595x595x10
PLEW6060-040	40W	4000 lm	4000K			595x595x10
			5000K			
			6000K			

PLB 6060 Backlit Panel



IP40 / IP54



Class II



AC220-240V



Recessed Ceiling



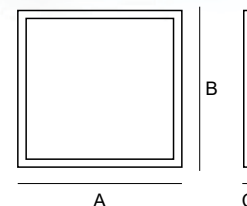
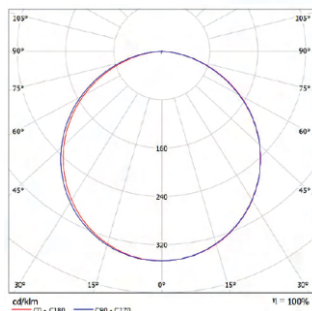
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 100LM/W PF>0.9

Diecast Aluminum + Opal (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)AxBxC
PLB6060-030	30W	3000 lm	3000K	White	120° Reflector	595x595x30
PLB6060-036	36W	3600 lm	4000K			595x595x30
PLB6060-040	40W	4000 lm	6500K			595x595x30



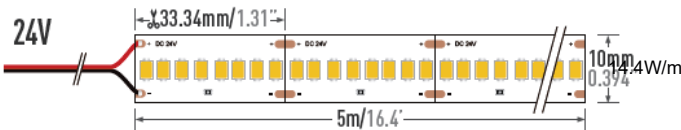
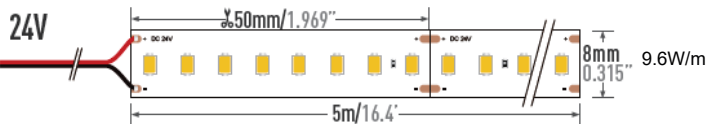
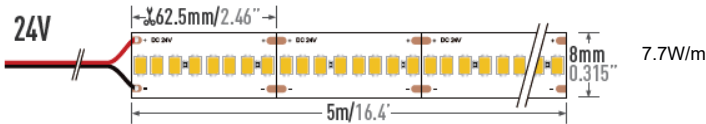
INDOOR/OUTDOOR STRIP LIGHT

FRATER®

SPAIN SINCE 1999

SC Series

-  IP20/IP65/IP68
-  Class II
-  24DC
-  30K / 50K hours optional
-  Highly recyclable
-  Dimming options



CRI 80 100LM/W PF>0.9 Strip Light (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics
STSC-003	3.8W/M	600lm/M	 3000K	☐ White	 120° Reflector
STSC-007	7.7W/M	1200lm/M	 4000K		
STSC-009	9.6W/M	1500lm/M	 5000K		
STSC-014	14.4W/M	2200lm/M	☐ 6000K		

SR Series



IP20/IP65/IP68



Class II



24DC



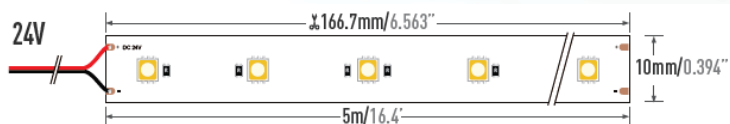
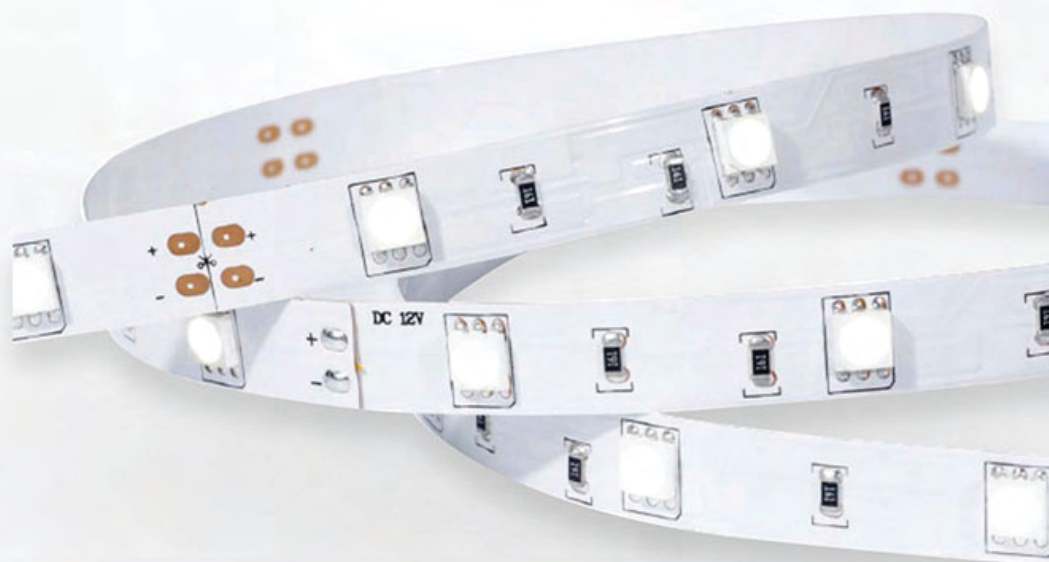
30K / 50K hours optional



Highly recyclable



Dimming options



Strip Light + Silicon (- 0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics
STSR-007	7.2W/M	650lm/M	3000K Red	White	120° Reflector
STSR-014	14.4W/M	1400lm/M	4000K Green		
			5000K Blue		
			6000K Yellow		

NS Series



IP67



Class II



24DC



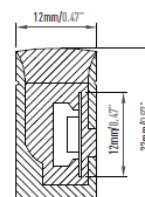
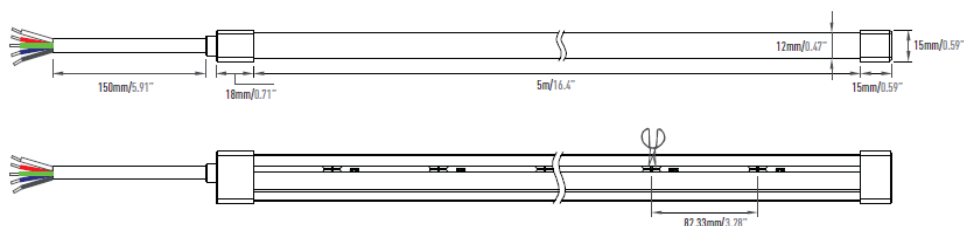
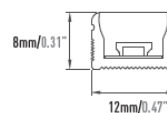
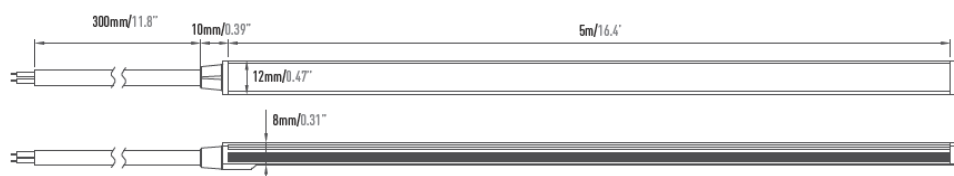
30K / 50K hours optional



Highly recyclable



Dimming options



Neonflex (-0~45 °C)

Code	Wattage	Lumen / CCT					Optics
STNS-M09	9.6W/M	880Lm/M 267Lm/FT	877Lm/M 266Lm/FT	863Lm/M 262Lm/FT			120° Reflector
STNS-C14	14.4W/M	36Lm/M	14Lm/M	70Lm/M	140Lm/M	240Lm/M	120° Reflector



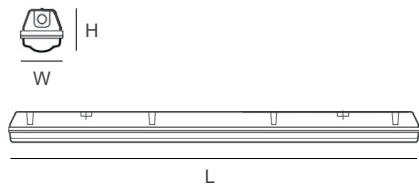
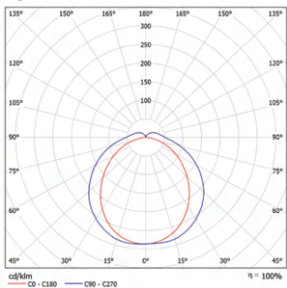
INDOOR/OUTDOOR WATERPROOF LIGHT

FRATER®

SPAIN SINCE 1999

Marina

-  IP66
-  Class II
-  AC220-240V
-  Surface Mounted
-  Highly recyclable
-  30K / 50K hours optional
-  Dimming options



CRI 80 120LM/W PF>0.9					Polycarbonate + Frosted Polycarbonate (-0~50 °C)	
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WPMR-024	24W	3100 lm	 4000K	 Grey	 110° Reflector	1277x104x84
WPMR-030	30W	3600 lm	 6500K			1277x104x84
WPMR-038	36W	4300 lm				1277x104x84
WPMR-042	42W	5040 lm				1277x104x84
WPMR-046	46W	5,520 lm				1573x104x84
WPMR-050	50W	6000 lm				1573x104x84

Endura II



IP66



Class II



AC220-240V



Surface Mounted



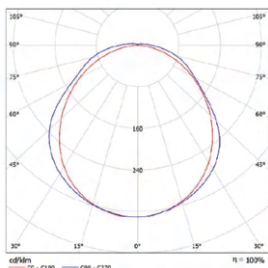
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 120LM/W PF>0.9

Polycarbonate Ral 7035 + Injected polycarbonate(PC) (-10~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WPEN-024	24W	2800 lm	4000K	Grey	110° Reflector	665x145x101
WPEN-036	36W	4300 lm	5000K			665x145x101
WPEN-042	42W	5040 lm	6500K			1282x145x101
WPEN-050	50W	6000 lm				1282x145x101
WPEN-060	60W	7200 lm				1282x145x101
WPEN-080	80W	9600 lm				1578x145x101

STD I



IP65



Class II



AC220-240V



Surface Mounted



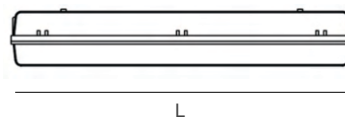
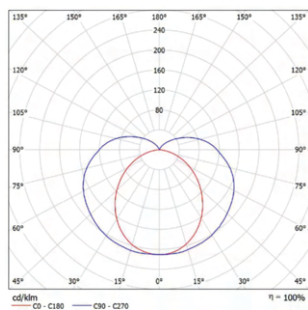
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 85LM/W PF>0.9

Polycarbonate Ral7035 + Polycarbonate (-10~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WPS1-108	1x8W	650 lm	4000K	Grey	120° Reflector	666x100x108
WPS1-118	1x18W	1500 lm	6500K			1275x100x108
WPS1-126	1x26.5W	2250 lm				1575x100x108

STD II



IP65



Class II



AC220-240V



Surface Mounted



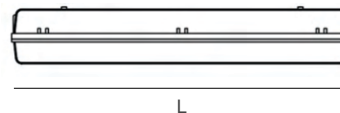
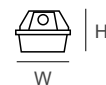
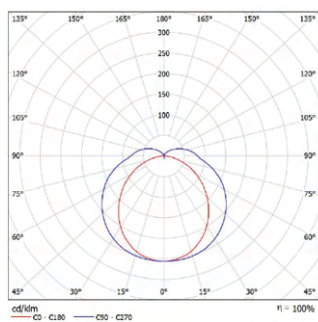
Highly recyclable



30K / 50K hours optional



Dimming options



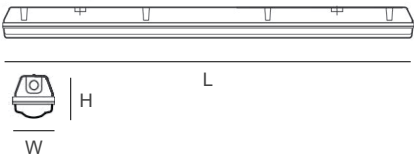
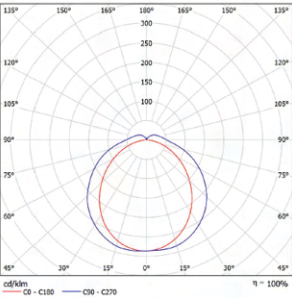
CRI 80 85LM/W PF>0.9

Polycarbonate Ral7035 + Polycarbonate (- 10~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WPS2-208	2x8W	1500 lm	 4000K	 Grey	 120° Reflector	666x170x108
WPS2-216	2x16W	3000 lm	 6500K			1275x170x108
WPS2-226	2x26.5W	4550 lm				1575x170x108

CALIBER

- IP66
- Class II
- AC220-240V
- Surface Mounted
- Highly recyclable
- 55K hours
- Dimming options



CRI 80

120LM/W

PF>0.9

Polycarbonate +Frosted Polycarbonate (- 10~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WPCA-030	16/20/25/30W	Up to 3,600lm	4000K	Grey	110° Reflector	600x85x75
WPCA-040	24/30/36/40W	Up to 4,800lm	5000K			1200x85x75
WPCA-060	36/42/52/60W	Up to 7,200lm	6500K			1500x85x75

WP10



IP65



Class I



AC220-240V



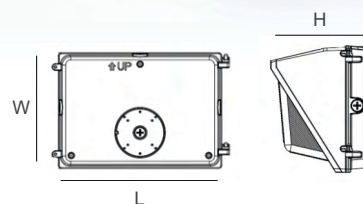
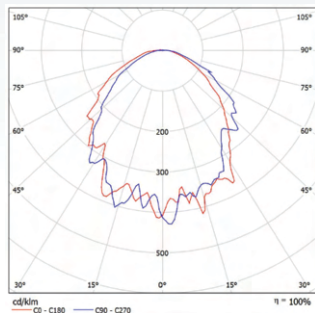
Surface Mounted



Highly recyclable



50K hours



CRI 70 120LM/W PF>0.9

Diecast aluminum + Borosilicate glass (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WP10-035	35W	4200 lm	2700K	Grey	90x120° Reflector	360x235x183
WP10-045	45W	5400 lm	4000K			360x235x183
WP10-065	65W	7800 lm	6500K			360x235x183

INDOOR/OUTDOOR Highbay Light

FRATER®

SPAIN SINCE 1999

HB 22



IP65



Class I



AC220-240V



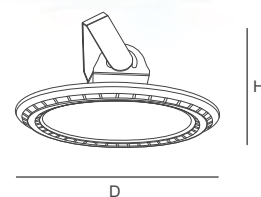
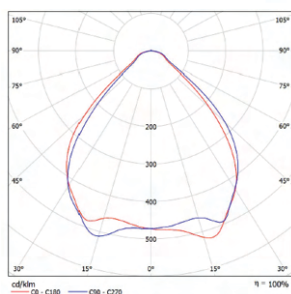
Suspended



Highly recyclable



30K / 50K hours optional



CRI 70 140LM/W PF>0.9

Diecast aluminum + Clear polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
HB22-050	50W	7000 lm	3000K	Black	90° Reflector	Ø 255x160
HB22-100	100W	14000 lm	4000K			Ø 320x160
HB22-150	150W	21000 lm	6500K			Ø 360x165
HB22-200	200W	28000 lm				Ø 400x180

HB 23



IP65



Class I



AC220-240V



Suspended



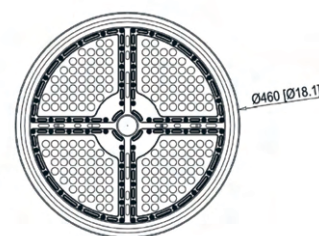
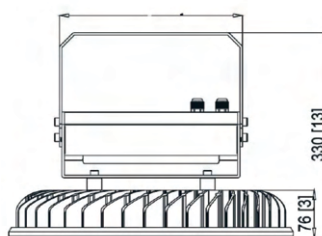
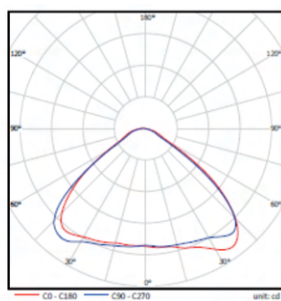
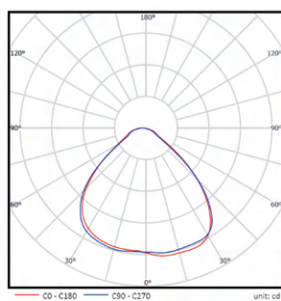
Highly recyclable



50K hours



Dimming options



CRI 70 130LM/W PF>0.9

Diecast aluminum + Toughened glass (-20~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
HB23-300	300W	39000 lm	4000K	Black	90° Reflector	Ø 460x330
HB23-400	400W	52000 lm	5000K		110° Reflector	Ø 460x330
HB23-500	500W	65000 lm	6500K			Ø 460x330
HB23-600	600W	78000 lm				Ø 460x330

HB Diamond



IP65



Class I



AC220-240V



Suspended



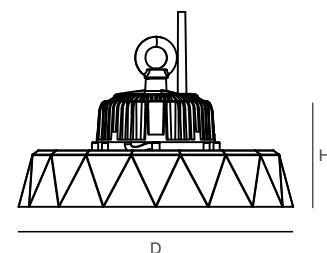
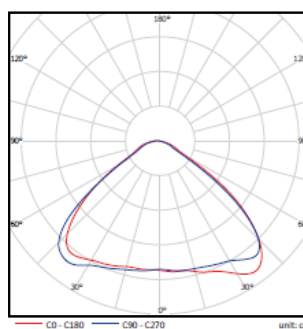
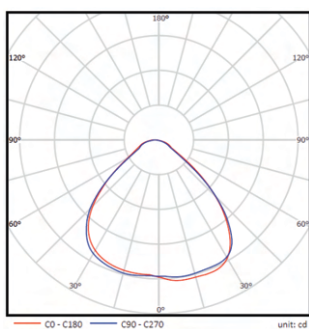
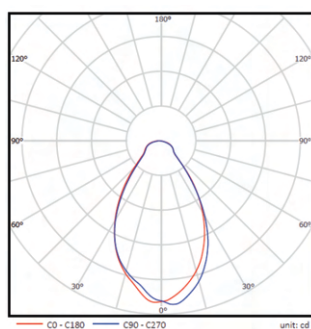
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 70 140LM/W PF>0.95

Diecast aluminum + Clear polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
HBDM-050	50W	7000 lm	4000K	Black	60° Reflector	Ø 262x176
HBDM-100	100W	14000lm	6500K		90° Reflector	Ø 262x176
HBDM-150	150W	21000 lm			120° Reflector	Ø 301x175
HBDM-200	200W	28000 lm				Ø 350x175
HBDM-240	240W	33600 lm				Ø 350x175

ALGOL



IP66



Class I



AC220-240V



Suspended



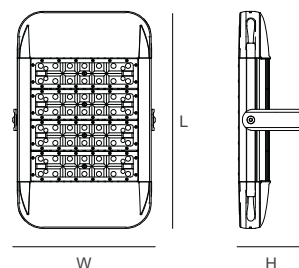
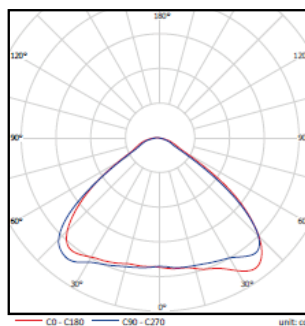
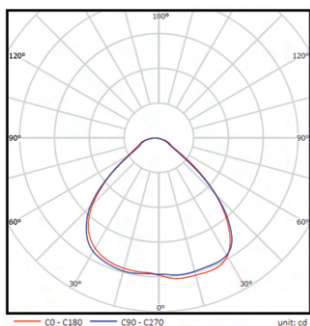
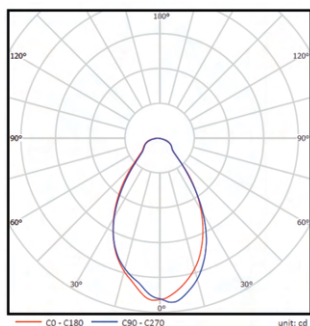
Highly recyclable



30K / 50K hours optional



Dimming options



CRI 80 130LM/W PF>0.9

Diecast aluminum + Clear polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
HBAG-050	50W	6500 lm	3000K	Silver Gray	60° Reflector	293x340x156
HBAG-100	100W	13000 lm	4000K		90° Reflector	336x340x156
HBAG-150	150W	19500 lm	5000K		120° Reflector	439x340x156
HBAG-200	200W	26000 lm	5700K			512x340x156
HBAG-240	240W	312000 lm				658x340x156
HBAG-300	300W	375000 lm				658x340x156



INDOOR LOWBAY LIGHT

FRATER®

SPAIN SINCE 1999

VELA



IP20



Class II



AC220-240V



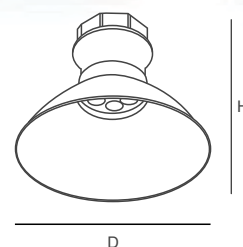
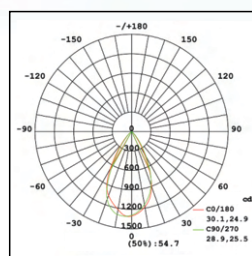
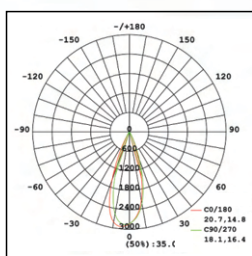
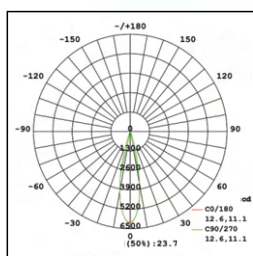
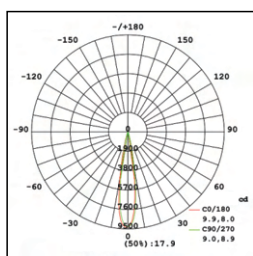
Suspended



Highly recyclable



30K / 50K hours optional



CRI 80 85LM/W PF>0.9

Aluminum + Shade (0~50 °C)

Code	Wattage	Lumen	Color Temp.	House Finish	Shade Finish	Optics	Dimension (mm)DxH
LBVL-036	36W	3060 lm	3000K	Black	White	15° Reflector	Ø
LBVL-060	60W	5100 lm	4000K		Black	24° Reflector	Ø
LBVL-080	80W	6800 lm	5000K		Green	38° Reflector	Ø
			6000K		Red	60° Reflector	Ø
					Orange		

OUTDOOR FLOOD LIGHT

FRATER®

SPAIN SINCE 1999

FL32



IP66



Class I



AC220-240V



Surface Mounted



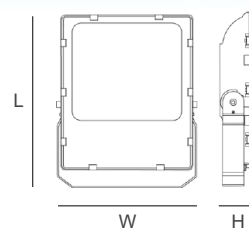
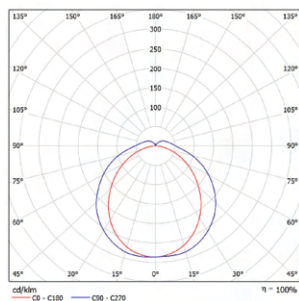
Highly recyclable



50K hours



Dimming options



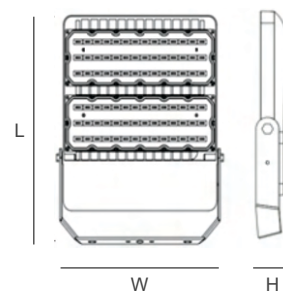
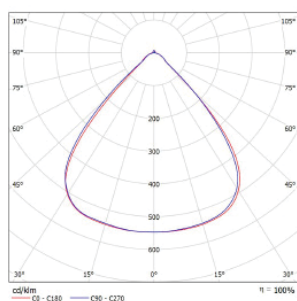
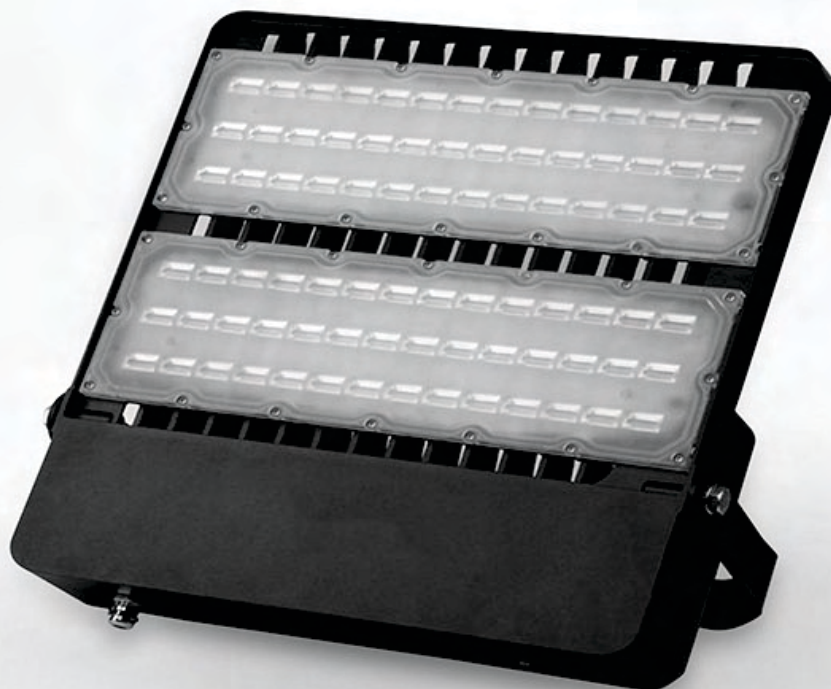
CRI 80 140LM/W PF>0.9

Die-cast Aluminum +Toughened glass (-20~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
FL32-050	50W	7000 lm	3000K	Black	120° Reflector	235x205x65
FL32-100	100W	14000 lm	4000K			270x205x90
FL32-150	150W	18000 lm	6500K			350x310x90
FL32-200	200W	28000 lm				410x350x90
FL32-300	300W	42000 lm				425x380x97
FL32-400	400W	56000 lm				430x480x105
FL32-500	500W	70000 lm				550x420x110
FL32-600	600W	84000 lm				550x420x110

FL33

-  IP65
-  Class I
-  AC220-240V
-  Surface Mounted
-  Highly recyclable
-  50K hours
-  Dimming options



CRI 70 140LM/W PF>0.9

Die-cast Aluminum +PMMA lens (-10~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
FL33-100	100W	14000 lm	 3000K	 Black	 120° Reflector	358x326x60
FL33-150	150W	21000 lm	 4000K			438x361x60
FL33-200	200W	28000 lm	 5000K			438x396x60
FL33-240	240W	33600 lm	 6500K			406x505x80
FL33-300	300W	42000 lm				406x505x80

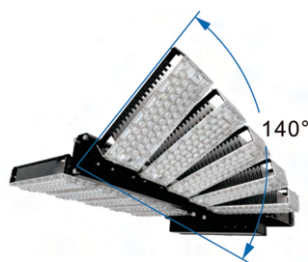
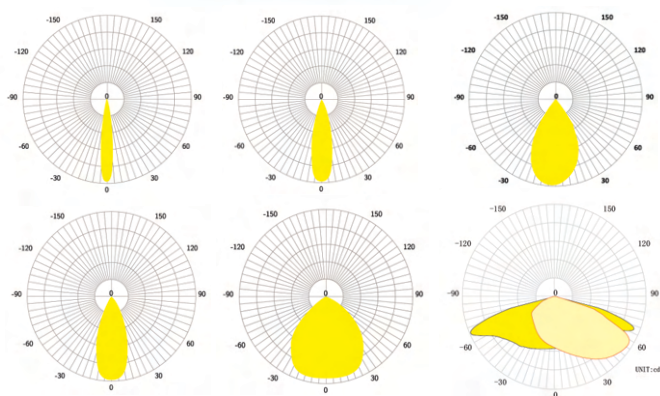
OUTDOOR HIGH MAST LIGHT

FRATER®

SPAIN SINCE 1999

RHAEGAL

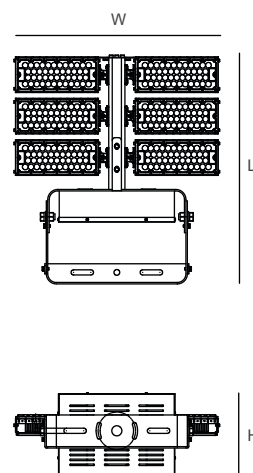
-  IP 65
-  Class I
-  AC220-240V
-  Surface Mounted
-  Highly recyclable
-  50K hours
-  Dimming options



CRI 70 175LM/W PF>0.9

Marine grade aluminum +Lens(- 30~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
HMRG-0600	600W	105,000 lm	3000K	White	10° Reflector	723x694x268
HMRG-0720	720W	122,400 lm	4000K	Black	20° Reflector	723x694x268
HMRG-0800	800W	140,000 lm	5000K	Silver	40° Reflector	855x694x268
HMRG-0960	960W	163,200 lm	5700K	Grey	60° Reflector	855x694x268
HMRG-1000	1000W	175,000 lm			90° Reflector	987x694x268
HMRG-1200	1200W	204,000 lm			140° x100° Reflector	987x694x268
HMRG-1440	1440W	244,800 lm			135° x60° Reflector	1119x694x268



OUTDOOR BULKHEAD LIGHT

FRATER®

SPAIN SINCE 1999

BD 92



IP65



Class I



AC220-240V



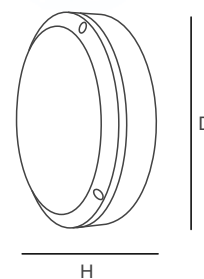
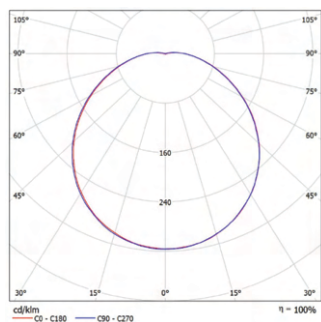
Surface Wall Mounted



Highly recyclable



50K hours



CRI 80 85LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BD92-015	15W	1275 lm	3000K	Black	110° Reflector	Ø275x80
BD92-020	20W	1700 lm	4000K	Grey		Ø275x80
BD92-026	26W	2200 lm	6500K	White		Ø275x80

BD 93



IP65



Class I



AC220-240V



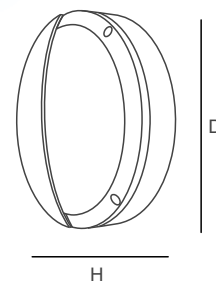
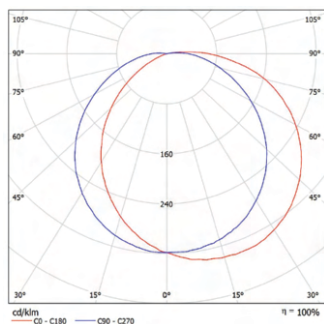
Surface Wall Mounted



Highly recyclable



50K hours



CRI 80 40LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BD93-015	15W	520 lm	3000K	Black	110° Reflector	Ø275x80
BD93-020	20W	800 lm	4000K	Grey		Ø275x80
BD93-026	26W	1000 lm	6500K	White		Ø275x80

BD 01



IP65



Class I



AC220-240V



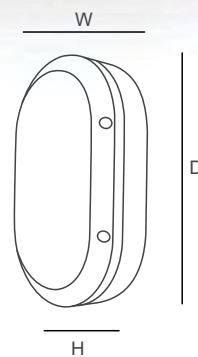
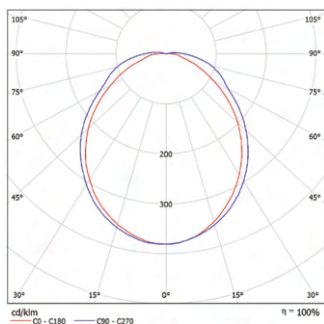
Surface Wall Mounted



Highly recyclable



50K hours



CRI 80 100LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxW
BD01-005	5W	500 lm	3000K	Black	110° Reflector	215x131x58
BD01-009	9W	900 lm	4000K	Grey		278x184x82
			6500K	White		

BD 04



IP65



Class I



AC220-240V



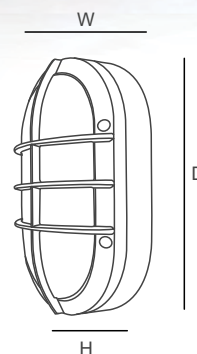
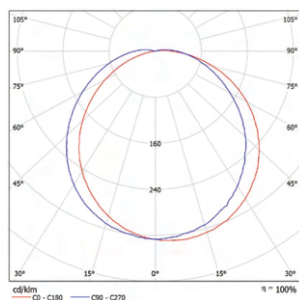
Surface Wall Mounted



Highly recyclable



50K hours



CRI 80 90LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxW
BD04-005	5W	450 lm	3000K	Black	110° Reflector	215x131x63
BD04-009	9W	810 lm	4000K	Grey		278x184x88
			6500K	White		

BD 10



IP65



Class I



AC220-240V



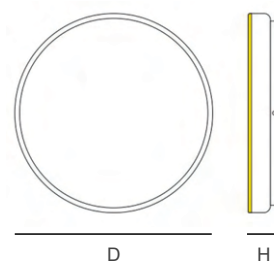
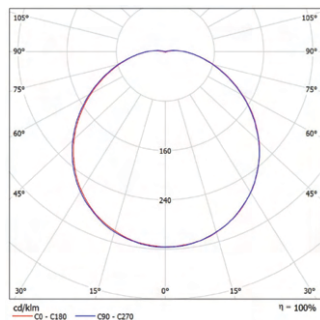
Surface Mounted



Highly recyclable



50K hours



CRI 80 100LM/W PF>0.9

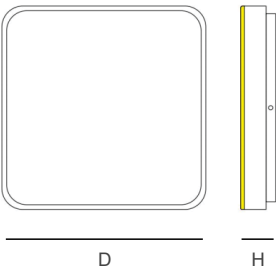
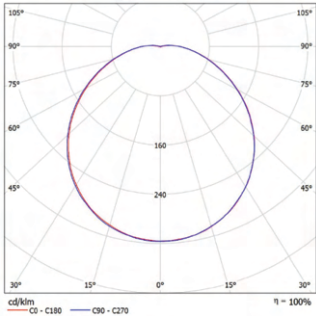
Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BD10-012	12W	1200 lm	3000K	Black	120° Reflector	Ø250x50
BD10-020	20W	2000 lm	4000K	Grey		Ø320x50
			6000K	White		



BD 11

- IP65
- Class I
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours



CRI 80 100LM/W PF>0.9			Die-cast Aluminum +Opal Polycarbonate (0~50 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BD11-012	12W	1200 lm	3000K	Black	120° Reflector	250x50
BD11-020	20W	2000 lm	4000K	Grey		320x50
			6000K	White		



OUTDOOR CANOPY LIGHT

FRATER®

SPAIN SINCE 1999

CANOPUS



IP66 / IK10



Class I



AC220-240V



Recessed Ceiling



Highly recyclable



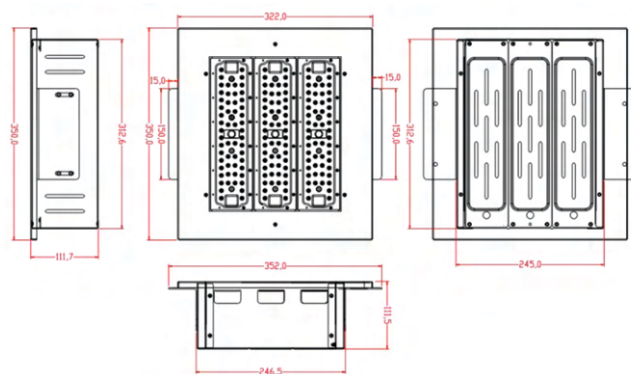
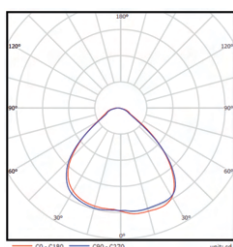
30K / 50K hours optional



Dimming options



Tunable Color Temp.



CRI 80 130LM/W PF>0.9

Aluminum Frame + PC Lens (-10~50 °C)

Code	Wattage	Lumen	Color Temp. Tunable	Finish	Optics	Dimension (mm)LxWxH
CLCS-100	60W	8400 lm	4000K	White	90° Reflector	350x322x111.7
	80W	11200 lm	5000K			
	100W	14000 lm	5700K			

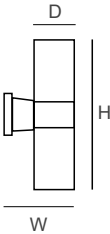
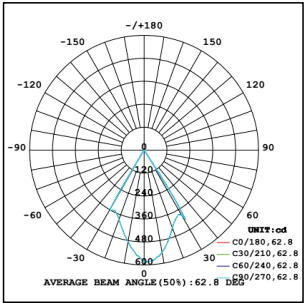
OUTDOOR WALL LIGHT

FRATER®

SPAIN SINCE 1999

ATRIA I

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours



CRI 80 100LM/W PF>0.9			Die-cast Aluminum +Tempered Glass (0~50 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxW
WLA1-005	5W	500 lm	2700K	White	60° Reflector	65x170x116
WLA1-010	10W	1000 lm	3000K	Black		65x250x116
			4000K	Silver		
			5000K	Grey		

ATRIA II



IP65



Class I



AC220-240V



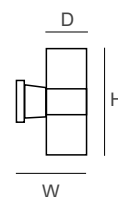
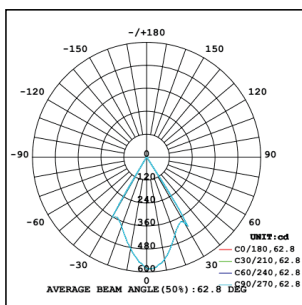
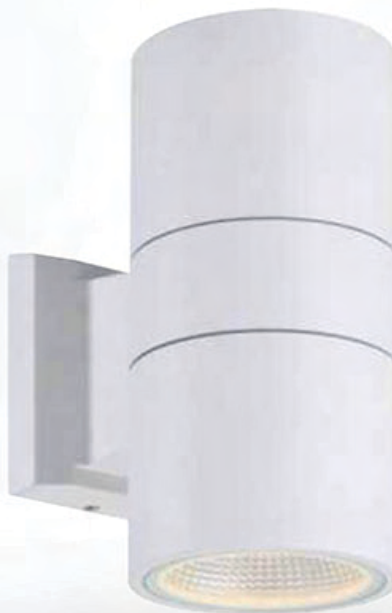
Surface Wall Mounted



Highly recyclable



50K hours



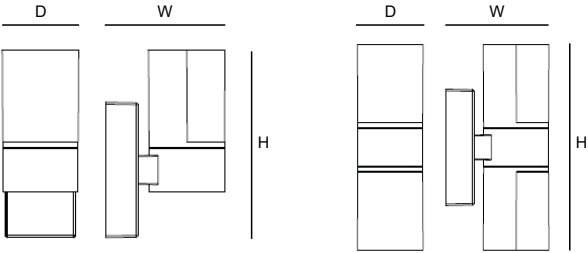
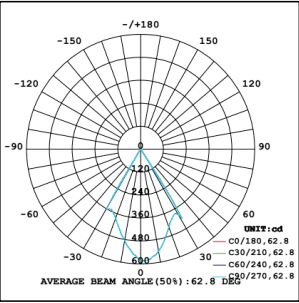
CRI 80 100LM/W PF>0.9

Die-cast Aluminum +Tempered Glass (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxW
WLA2-007	7W	700 lm	2700K	White	60° Reflector	92x255x155
WLA2-014	14W	1400 lm	3000K	Black		92x255x155
			4000K	Silver		
			5000K	Grey		

ATRIA III

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours



CRI 80 100LM/W PF>0.9			Die-cast Aluminum +Tempered Glass (0~50 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxHxW
WLA3-008	8W	800 lm	2700K	White	60° Reflector	80x195x124
WLA3-016	16W	1600 lm	3000K	Black		80x249x124
			4000K	Silver		
			5000K	Grey		

NUNKI I



IP65



Class II



AC220-240V



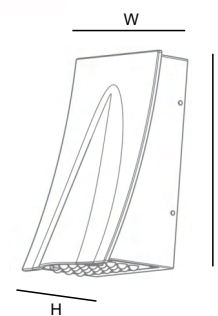
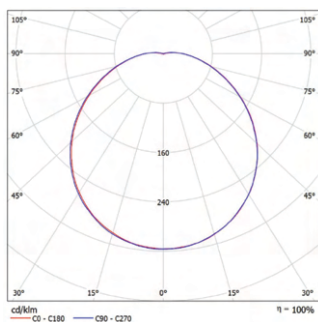
Surface Wall Mounted



Highly recyclable



50K hours



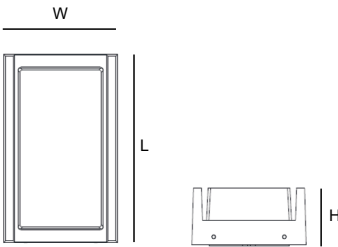
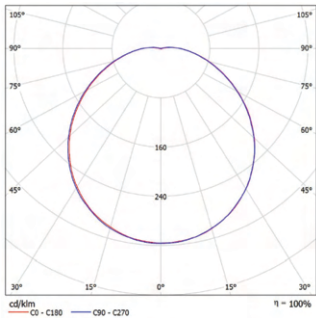
CRI 80 100LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WLN1-024	24W	2400 lm	2700K	White	100° Reflector	200x140x100
			3000K	Black		
			4000K	Silver		
			5000K	Grey		

NUNKI II

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours



CRI 80 100LM/W PF>0.9			Die-cast Aluminum +Opal Polycarbonate (0~50 °C)			
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WLN2-A12	12W	1200 lm	2700K	White	100° Reflector	240x145x70
WLN2-B12	12W	1200 lm	3000K	Black		240x145x70
			4000K	Silver		
			5000K	Grey		

NUNKI III



IP65



Class I



AC220-240V



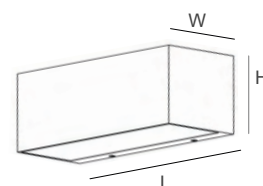
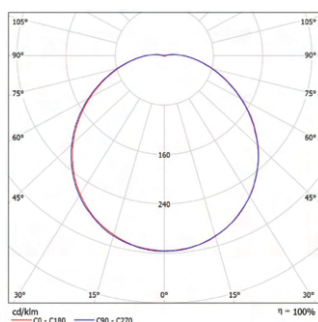
Surface Wall Mounted



Highly recyclable



50K hours



CRI 80 100LM/W PF>0.9

Die-cast Aluminum +Opal Polycarbonate (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
WLN3-080	8W	800 lm	2700K	White	100° Reflector	140x90x86
WLN3-012	12W	1200 lm	3000K	Black		140x185x75
WLN3-020	20W	2000 lm	4000K	Silver		220x105x85
WLN3-030	30W	3000 lm	5000K	Grey		300x120x110



LED WALL LIGHT

Our products cover most applications as the specifications we offer are wide to meet most requirements. Shops, star hotels, high-end villas, clubs, lodging houses, supermarkets, commercial complexes, exhibitions, and museums, etc.



ALGOL L3



IP65



Class I



AC220-240V



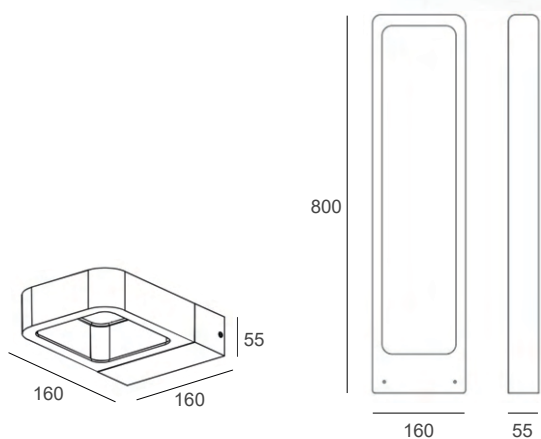
Ground Surface/
Surface Wall mounting



Highly recyclable



50K hours

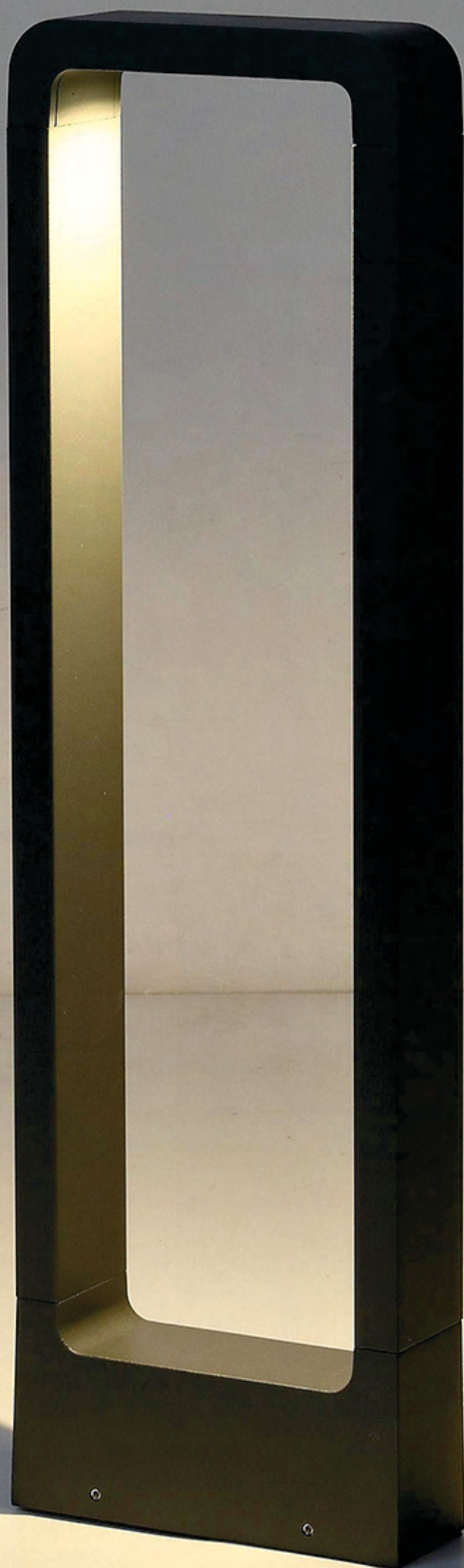


CRI 80 18LM/W PF>0.9

Diecast Aluminum + Glass (0~45 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
WLAL-07	7W	142 lm	2700K	White	25° Reflector	160x160x66
			3000K	Black		800x160x55
			4000K	Silver		
			5000K	Grey		





OUTDOOR SPIKE LIGHT

FRATER®

SPAIN SINCE 1999

SPICAA1



IP65



Class II



AC220-240V



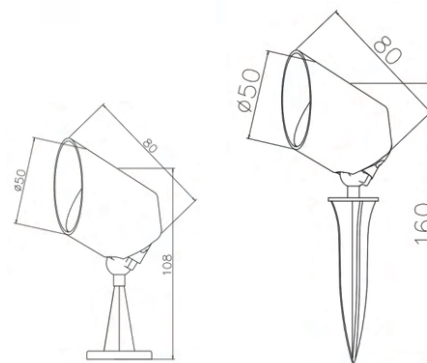
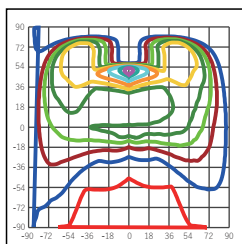
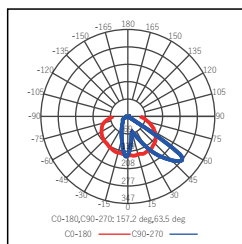
Ground Surface



Highly recyclable



50K hours



CRI 80 80LM/W PF>0.8

Polycarbonate + PC(0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxLxH
SPA1-A05	5W	400 lm	2700K	Sand Black	22° Reflector	50x80x108
SPA1-A07	7W	560 lm	3000K	Dark Grey	36° Reflector	50x80x108
SPA1-B05	5W	400 lm	4000K	Sand Silver	45° Reflector	50x80x160
SPA1-B07	7W	560 lm	5000K	Gray Metal Sand Grain		50x80x160

FRATER®
SPAIN SINCE 1999



SPICA A2



IP65



Class II



AC220-240V



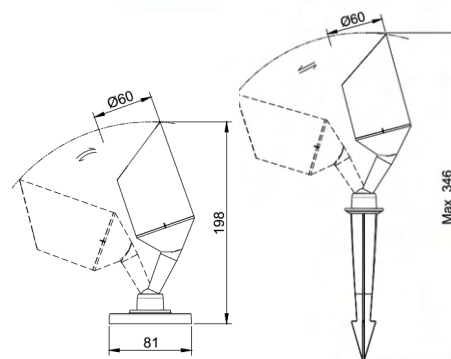
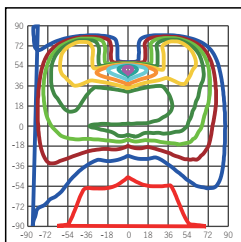
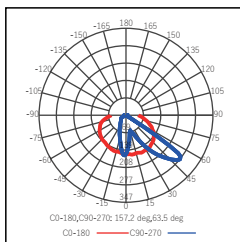
Ground Surface



Highly recyclable



50K hours



CRI 80 80LM/W PF>0.8

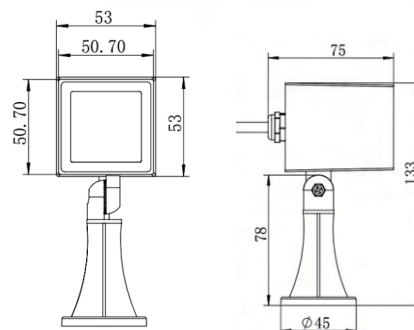
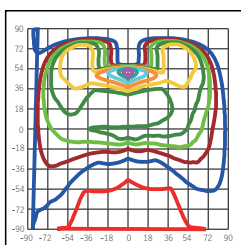
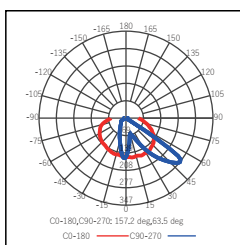
Polycarbonate + PC(0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxLxH
SPA2-A01	GU10	-	2700K	Sand Black	22° Reflector	60x82x198
SPA2-B01	GU10	-	3000K	Dark Grey	36° Reflector	60x346
			4000K	Sand Silver	45° Reflector	
			5000K	Gray Metal Sand Grain		



SPICA A3

-  IP65
-  Class II
-  AC220-240V
-  Ground Surface
-  Highly recyclable
-  50K hours



CRI 80 80LM/W PF>0.8

Nylon with Fiber + PC(0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxLxH
SPA3-A05	5W	400 lm	 2700K	 Sand Black	 22° Reflector	53x75x139
SPA3-B05	5W	400 lm	 3000K	 Dark Grey	 36° Reflector	53x75x205
			 4000K	 Sand Silver	 45° Reflector	
			 5000K	 Gray Metal Sand Grain		



SPICA A4



IP65



Class II



AC220-240V



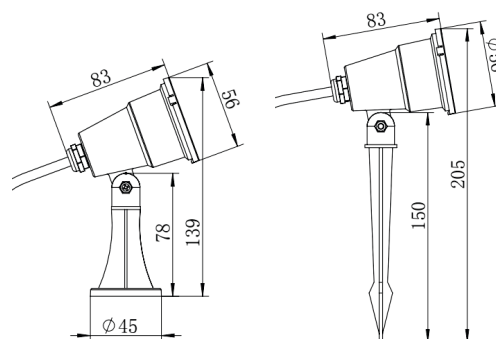
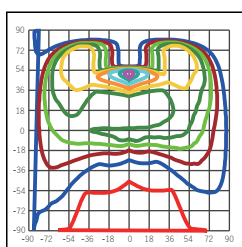
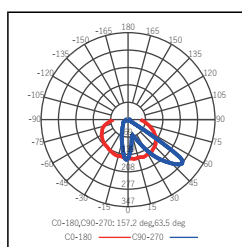
Ground Surface



Highly recyclable



50K hours



CRI 80 80LM/W PF>0.8

Nylon with Fiber + PC(0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxLxH
SPA4-A05	5W	400 lm	2700K	Sand Black	22° Reflector	56x83x139
SPA4-B05	5W	400 lm	3000K	Dark Grey	36° Reflector	56x83x205
			4000K	Sand Silver	45° Reflector	
			5000K	Gray Metal Sand Grain		



OUTDOOR BOLLARD LIGHT

FRATER®

SPAIN SINCE 1999

LAWN 01



IP65



Class II



AC220-240V



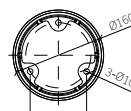
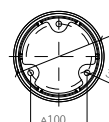
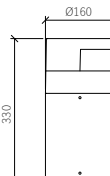
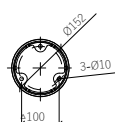
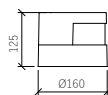
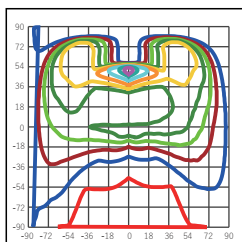
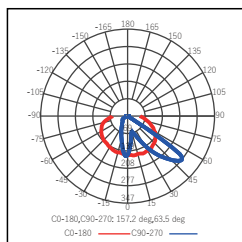
Ground Surface



Highly recyclable



30K / 50K hours optional



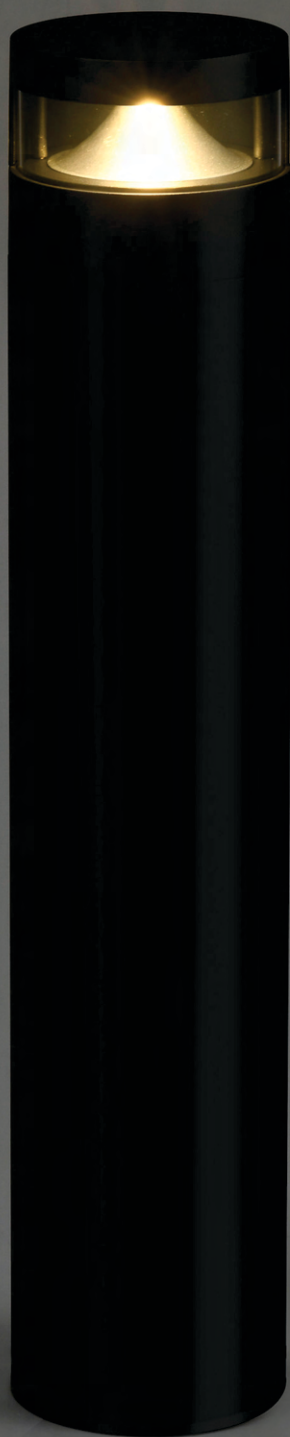
CRI 80 80LM/W PF>0.9

Aluminum + PMMA (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BLL1-A10	10W	800 lm	2700K	Sand Black	22° Reflector	160x125
BLL1-B10	10W	800 lm	3000K	Dark Grey	36° Reflector	160x330
BLL1-C10	10W	800 lm	4000K	Sand Silver	45° Reflector	160x800
			5000K	Gray Metal Sand Grain		

LED Lawn Light

Our products cover most applications as the specifications.
we offer are wide to meet most requirements.



LAWN 02



IP65



Class II



AC220-240V



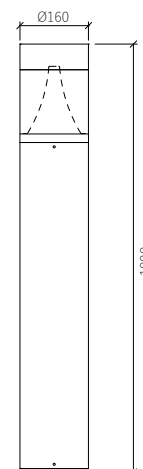
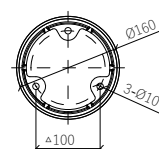
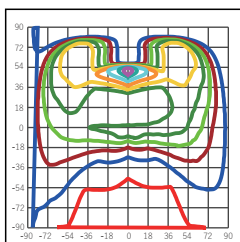
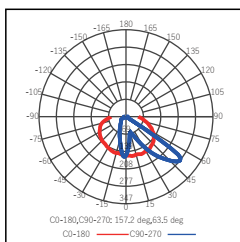
Ground Surface



Highly recyclable



30K / 50K hours optional



CRI80 80LM/W PF>0.9

Aluminum + PMMA (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BLL2-A10	10W	800 lm	2700K	Sand Black	22° Reflector	160x1000
			3000K	Dark Grey	36° Reflector	
			4000K	Sand Silver	45° Reflector	
			5000K	Gray Metal Sand Grain		



OUTDOOR UPLIGHT - BURIED LIGHT

FRATER®

SPAIN SINCE 1999

UPLIGHTER - BURIED LIGHT

Our products cover most applications as the specifications we offer are wide to meet most requirements. Shops, star hotels, high-end villas, clubs, lodging houses, supermarkets, commercial complexes, exhibitions, and museums, etc.



CANOPUS GR



IP67



Class I



AC220-240V



Recessed Inground



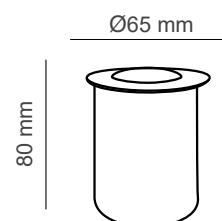
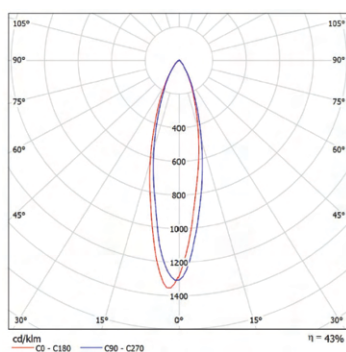
Highly recyclable



50K hours



Ø 60 mm



CRI 70 90LM/W PF>0.9

Aluminum + Lens (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BRCA-005	5W	450 lm	4000K	White	15° Reflector	Ø65x80
			5000K	Black	24° Reflector	
			6000K	Silver	36° Reflector	



ARCTURUS



IP67



Class I



AC220-240V



Recessed Inground



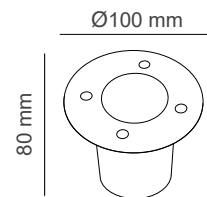
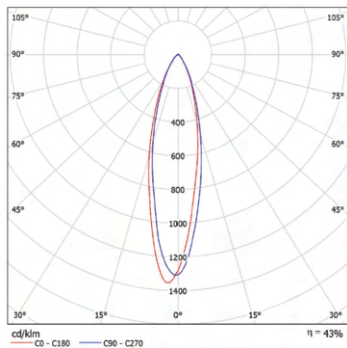
Highly recyclable



50K hours



Ø 70 mm



CRI 70 80LM/W PF>0.9

Aluminum + Lens (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BRAR-007	7W	560 lm	4000K	White	15° Reflector	Ø100x80
			5000K	Black	24° Reflector	
			6000K	Silver	36° Reflector	



BR20



IP67



Class I



AC220-240V



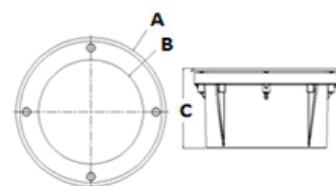
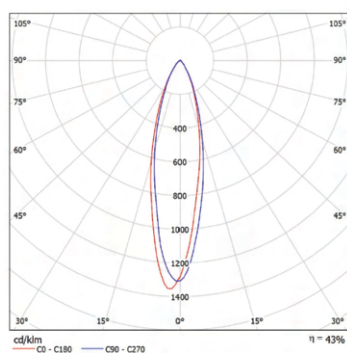
Recessed Inground



Highly recyclable



50K hours



CRI 70 90LM/W PF>0.9

Die-cast Aluminum +Transparent Tempered Glass (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)AxBxC
BR20-006	6W	550 lm	4000K	304 Stainless steel Finish ring	20° Reflector	Ø 149x92x79
BR20-010	10W	950 lm	5000K			Ø 175x122x94
BR20-015	15W	1250 lm	6500K			Ø 209x133x95

BR21

- 

IP67
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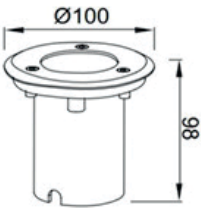
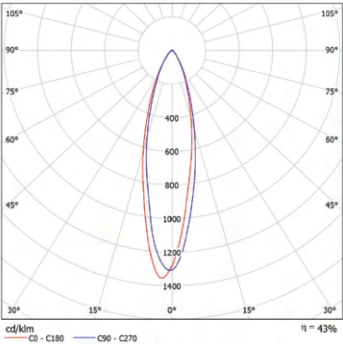
Class I
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AC220-240V
- 

Recessed Inground
- 

Highly recyclable
- 

50K hours



CRI 70 43LM/W PF>0.9				Die-cast Aluminum +Transparent Tempered Glass (0~50 °C)		
Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)DxH
BR21-003	3W	130 lm	 4000K	 304 Stainless steel Finish ring	 43° Reflector	Ø100x98
			 5000K			
			 6500K			

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SH Series



IP66



IK08



Class I



AC220-240V



Highly recyclable



Optional 50K/100KHours



10KV Surge Protection



Dimming options



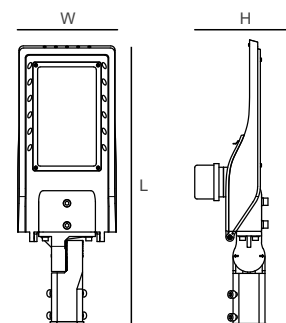
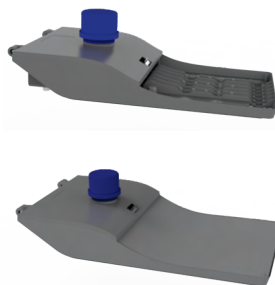
Optional Smooth Cover



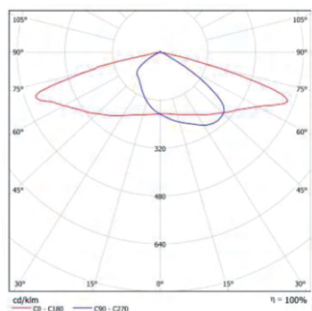
Optional Adjustable Mounting Arm



Optional Photo Sensor 7 Pins NEMA Socket



Arm Dia:60mm



Type II

CRI 70 140LM/W PF>0.9

Die-Cast Aluminum + PC Lens & Tempered Glass (0~50 °C)

Code	Wattage	Lumen	Color Temp.	Finish	Optics	Dimension (mm)LxWxH
ST060-04B-SH4101	60W	8400 lm	3000K	White	Type II	441x222x97
ST080-04B-SH4101	80W	11200 lm	4000K	Black		441x222x97
ST100-04B-SH4102	100W	14000 lm	5700K	Silver		525x277x109
ST150-04B-SH4102	150W	21000 lm	6500K			525x277x109
ST180-04B-SH4103	180W	25200 lm				612x325x120
ST240-04B-SH4103	240W	33600 lm				612x325x120



Frater Lighting

T: +971 4 526 2333
M: +971 56 418 9871
P.O Box: 282153

Al Quoz, Dubai, UAE

Frater@awrostamani.com

www.fraterlighting.com