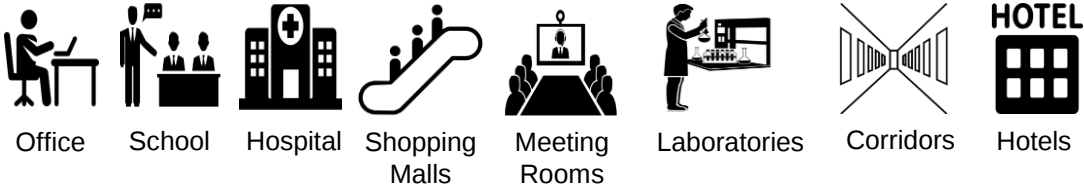




General Application Areas



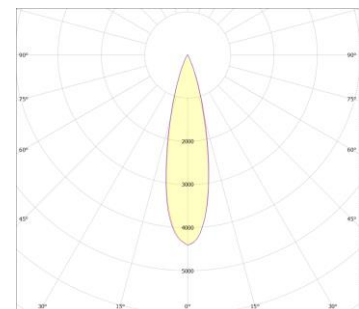
General Information

Pearl Spot is an aesthetic linear spot luminaire that attracts attention with its simple and modern design. Its recessed light source and special optical system (lens or reflector) offer high visual comfort and reduce eye fatigue.

The product's innovative movement mechanism allows for precise adjustment of the light angle between 12° and 50°, enhancing its versatility and functionality. This flexibility makes it suitable for both general and accent lighting.

Pearl Spot is made of quality aluminum extrusion material used in the aviation industry. It can be produced in different colors upon request or painted according to the RAL color chart. The device operates with a 24V DC safe voltage, has a dimmable feature, and allows for the creation of different lighting scenarios thanks to two control zones.

Optical Beam Angles



24°

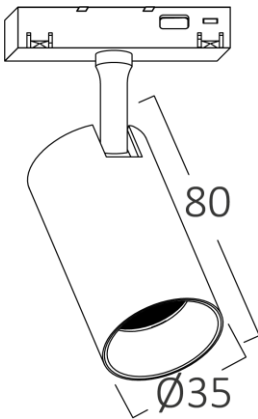
Technical Specifications

Body	:Aluminum Extrusion
IP Protection Class	:IP 20
Luminous Flux	:440 lm
Light source	:LED
Test Standards	:TS EN 60598, TS EN 60529, TS EN 62031, TS EN 62262, TS IEC TR 62471, TS EN 62722-2-1

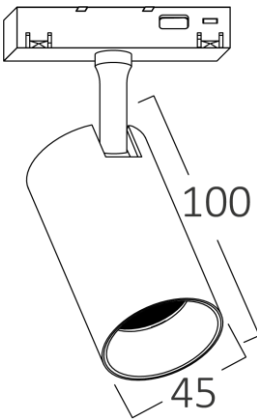
Optical and Electrical Properties

Power	6W	Light Angle	24°
CE Marking	Yes	Power Factor	-
Optics	PMMA / PC	Max Tensile Strength	2kV
Effectiveness Factor	73 lm/W	Color Temperature	3000K/4000K
Input Voltage	48V DC	CRI	>90
Dimensions	147x180x80 mm / 35 mm diameter	Weight	140 gr

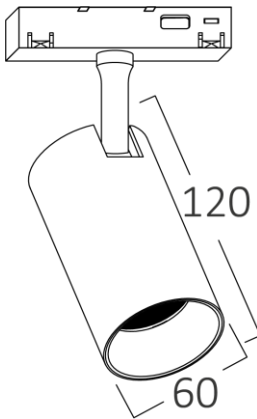
Technical Drawing (Side View) and Wiring Diagram



8 cm
Downlight
6 W



10cm
Downlight
10 W



12 cm
Downlight
18 W

Product Variations

Product Code	Power	Input Voltage	CCT	Efficiency Factor(lm/W)	Luminous Flux	Light Angle	Dimensions	Weight (g)	Body Color	Mounting Type
PRS-006TR-00241-930-9005	6W	48VDC	3000K	73	440 lm	24°	147mm x 180mm x 80mm	140 gr	Black	Surface Mounted
PRS-006TR-00241-940-9005	6W	48VDC	4000K	73	440 lm	24°	147mm x 180mm x 80mm	140 gr	Black	Surface Mounted
PRS-010TR-00241-930-9005	10W	48VDC	3000K	81	810 lm	24°	167mm x 180mm x 100mm	210 gr	Black	Surface Mounted
PRS-010TR-00241-940-9005	10W	48VDC	4000K	81	810 lm	24°	167mm x 180mm x 100mm	210 gr	Black	Surface Mounted
PRS-018TR-00241-930-9005	18W	48VDC	3000K	88	1580 lm	24°	187mm x 180mm x 120mm	353 gr	Black	Surface Mounted
PRS-018TR-00241-930-9005	18W	48VDC	4000K	88	1580 lm	24°	187mm x 180mm x 120mm	353 gr	Black	Surface Mounted

Shipping Information of Products

Product Code	Power	Product Weight (kg)	Weight of Packaged Product (kg)	Volume(m3)	Pieces in Box	Box Product Dimensions (mm)
PRS-006TR-00241-930-9005	6W	2,25 kg	3,6 kg	0.379	16	430mm x 290mm x 190mm
PRS-006TR-00241-940-9005	6W	2,25 kg	3,6 kg	0.379	16	430mm x 290mm x 190mm
PRS-010TR-00241-930-9005	10W	3,35 kg	5,15 kg	0.491	16	430mm x 310mm x 230mm
PRS-010TR-00241-940-9005	10W	3,35 kg	5,15 kg	0.491	16	430mm x 310mm x 230mm
PRS-018TR-00241-930-9005	18W	5,65 kg	7,8 kg	0.792	16	505mm x 350mm x 280mm
PRS-018TR-00241-930-9005	18W	5,65 kg	7,8 kg	0.792	16	505mm x 350mm x 280mm