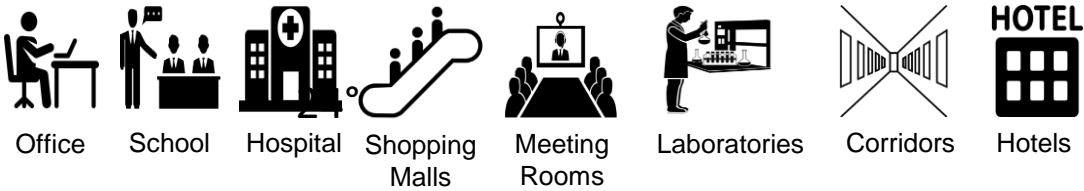


PEARL TILT

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General Application Areas



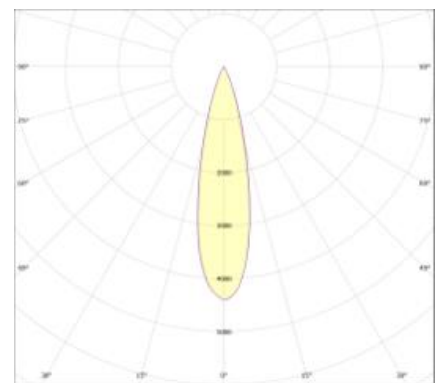
General Information

The Pearl Tilt is a 30 mm wide linear luminaire that offers high brightness in a small form factor. Its 90° tilt mechanism allows for flexible adjustment of the light direction. Its installation on the rail is straightforward, and its movable structure allows for flexible use in various areas.

The luminaire features a robust aluminum extrusion body and a matt diffuser, which is utilized in the aviation industry. It provides high visual comfort and reduces eye fatigue with its 120° wide light angle. This product is suitable for indoor use in a variety of settings, including apartments, restaurants, galleries, museums, offices, schools, hospitals, meeting rooms, shopping centers, laboratories, and corridors.

It is compatible with the OneLine track system, enabling the creation of both diffused and accent lighting by integrating multiple light sources.

Optical Beam Angles



24°

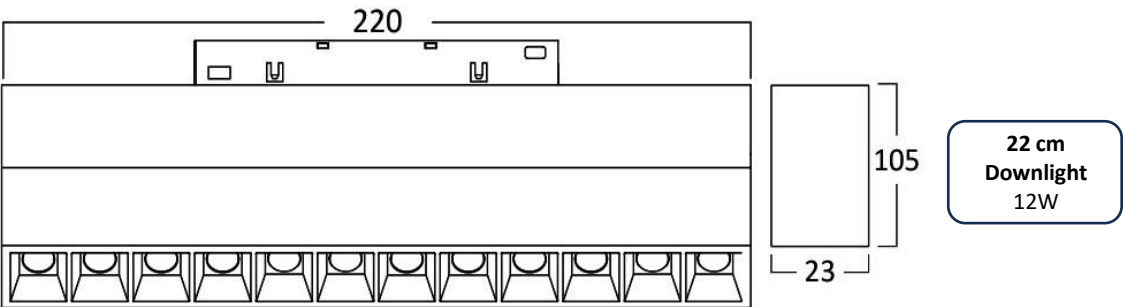
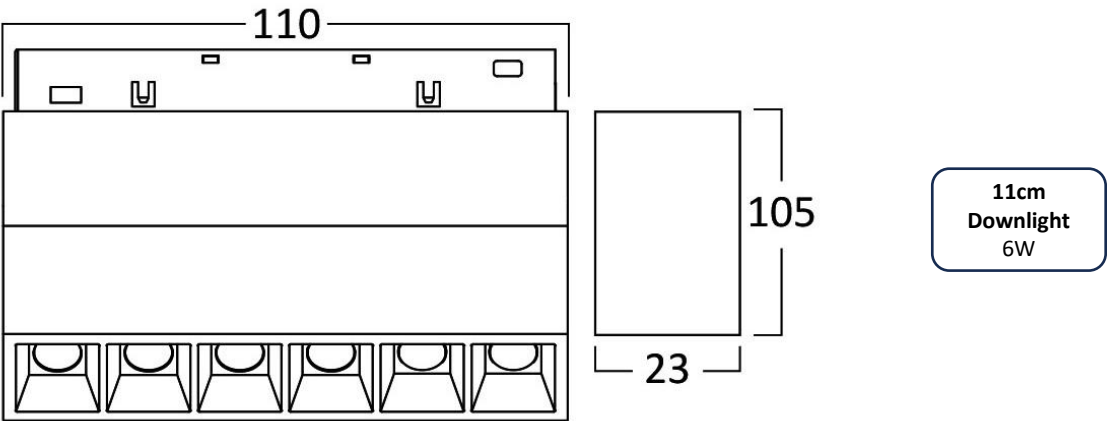
Technical Specifications

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	110x23x105 mm	Weight	255 gr

Technical Drawing (Side View) and Wiring Diagram



Product Variations

Product Code	Power	Input Voltage	CCT	Efficiency Factor(lm/W)	Luminous Flux	Light Angle	Dimensions	Weight (g)	Body Color	Tipi Fitting
PTL-006TR-00241-930-9005	6W	48VDC	3000K	73	440 lm	24°	110mm x 23mm x 105mm	255 gr	Black	Surface Mounted
PTL-006TR-00241-940-9005	6W	48VDC	4000K	73	440 lm	24°	110mm x 23mm x 105mm	255 gr	Black	Surface Mounted
PTL-012TR-00241-930-9005	12W	48VDC	3000K	85	1020 lm	24°	220mm x 23mm x 105mm	470 gr	Black	Surface Mounted
PTL-012TR-00241-940-9005	12W	48VDC	4000K	85	1020 lm	24°	220mm x 23mm x 105mm	470 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)
PTL-006TR-00241-930-9005	6W	2,55 kg	3 kg	0.023	10	260mm x 150mm x 160mm
PTL-006TR-00241-940-9005	6W	2,55 kg	3 kg	0.023	10	260mm x 150mm x 160mm
PTL-012TR-00241-930-9005	12W	4,7 kg	5,3 kg	0.112	10	280mm x 250mm x 160mm
PTL-012TR-00241-940-9005	12W	4,7 kg	5,3 kg	0.112	10	280mm x 250mm x 160mm