

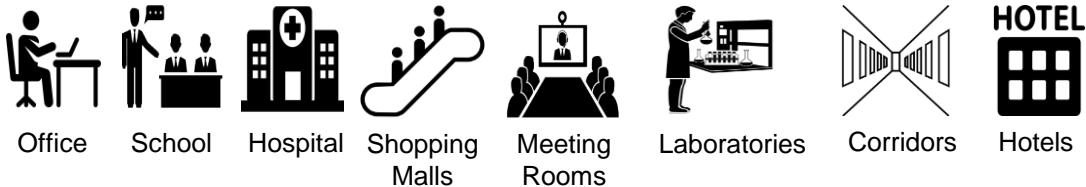
SURFACE MOUNTED SQUARE LUMINAIRE

6W/12W/18W/24W

odak® R&D CENTER
smart city technologies



General Application Areas

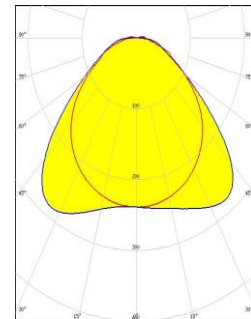


General Information

The Surface Mounted Square Luminaire is a cutting-edge lighting solution that boasts high efficiency and energy savings thanks to its modern LED lighting technology. This luminaire is available in various power options, including 6W, 12W, 18W, and 24W, ensuring a perfect fit for any need. Its wide light angle (110°) provides homogeneous lighting, while its 70 lm/W efficiency factor offers exceptional energy efficiency. The LED light source ensures a long-lasting and environmentally friendly product, making it a reliable choice for businesses and institutions. The luminaire provides cool white light with a color temperature of 6500K, making it suitable for a variety of applications, including offices, schools, hospitals, shopping malls, meeting rooms, laboratories, corridors, and hotels.

The Surface Mounted Square Luminaire boasts a robust and durable structure with an aluminum extrusion body, offering an IP40 protection class rating that makes it suitable for indoor use. Operating with a 170-265 V AC input voltage, the product delivers a >0.5% power factor and a <15% total harmonic distortion rate. It is designed for safe use, with a maximum voltage withstand of 2kV, and provides natural and high-quality lighting thanks to its >80 CRI (color accuracy) value.

Optical Beam Angles



110°

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Technical Specifications

Body	:Aluminum Extrusion
IP Protection Class	:IP 40
Luminous Flux	:1680 lm
Light Source	:LED
Test Standards	:TS EN 60598TS, EN 60529, TS EN 62031TS, EN 62262, TS IEC TR 62471TS, EN 62722-2-1

Optical and Electrical Properties

Power	24W	Light Angle	110°
CE Marking	Yes	Power Factor	>0,5
Optics	PMMA / PC	Max Tensile Strength	2kV
Effectiveness Factor	70 lm/W	Color Temperature	6500K
Input Voltage	170-265 V AC 50/60 Hz	CRI	>80
Total Harmonic Distortion	<%15	Operating Temperature	-20° ~ +35°C
Led Lifetime	L70 > 60.000 hours	Drive Life	Ta=50°C 50,000 hours

Product Variations

Product Code	Power	Input Voltage	CCT	Luminous Flux	Light Angle	Usage Area
SUK-006SM-01101-865-9016	6W	170-265 V AC 50/60 Hz	6500K	420lm	110°	Surface Mounted
SUK-012SM-01101-865-9016	12W	170-265 V AC 50/60 Hz	6500K	840lm	110°	Surface Mounted
SUK-018SM-01101-865-9016	18W	170-265 V AC 50/60 Hz	6500K	1260lm	110°	Surface Mounted
SUK-024SM-01101-865-9016	24W	170-265 V AC 50/60 Hz	6500K	1680lm	110°	Surface Mounted