

MELT



Features:

This architectural luminaire is designed to blur the boundaries between indoor and outdoor lighting, offering a unified aesthetic and performance-driven solution for modern environments. Evolving from a minimalist cube-inspired design into a complete family of luminaires, it emphasizes versatility and coherence across applications.

With THD less than 10% and a power factor greater than 0.9, it ensures high electrical efficiency and superior performance. Coated in RAL 7011 Metallic Grey, this fixture blends seamlessly into modern landscape and architectural settings.

DALI version is also available on Request.

The fixture supports a wide array of mounting options, including catenary systems, enabling seamless integration into diverse settings—ranging from roadways and pathways to public parks, university campuses, parking areas, and even creative hobby zones.

Technical Specifications:

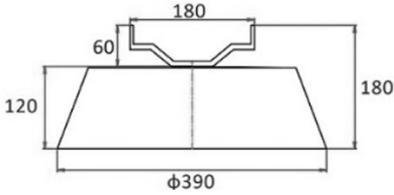
- Input Voltage: 220-240 V AC, 50 Hz.
- Wattage: 70 - 90W
- High Lumen: 170lm/W
- Coating : Polyester powder Coating with Phosphocromating pre-finish.
- Glass : Tempered Glass
- 3 STEP Mac Adam
- High efficiency, low flicker driver
- Transformer : Electronic Power Supply 220 / 240V 50/60Hz built-in or AC120 - 277V
- Lamp Type: SMD
- Gasket : Silicone Rubber
- Weight : 7.3Kg
- Screws : Stainless Steel
- Operating Temperature: -20°C to 55°C
- Warranty: 5 Years
- Life Time: 100,000hrs at ta 25°C (L70/B10)

Fields of Application :

- Warehouses
- Exhibition halls
- Indoor
- Workshops
- Factories
- Public Parks
- Parking Areas

Installation Method :

- Catenary Mount



Wattage(W)	:	70	90		
Finish	:	Black(B)	Grey(G)		
Kelvin*	:	2700K	3000K	4000K	5000K
Beam Angle	:	150°	45°x150°	70°x160°	60°x155°
CRI	:	80+			
Driver	:	ON/OFF	0/1-10V		

*Special Color & Finish on request

Product Code (553390090):

Wattage	Lumens(lm)	Dimension(ØxH) mm
70	11000LM	390x180
90	15300LM	390x180

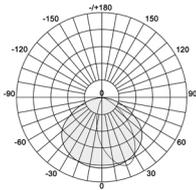
*Luminous flux value is calculated for 4000K CRI>80

Standards

- EN 60598-1
- EN 60598-2-2
- EN 60598-2-22
- EN 60598-3-2

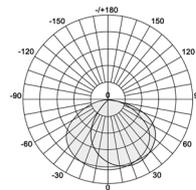
Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

Photometric:



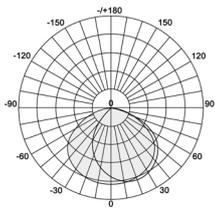
TYPE II

The preferred lateral width of 25 degrees. Therefore, they are generally applicable to luminaires located at or near the side of relatively narrow roadways. In addition, the width of the roadway does not exceed 1.75 times the designed mounting height.



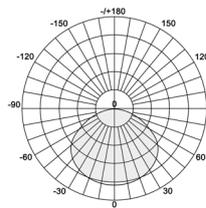
TYPE IV

The same intensity at angles from 90 degrees to 270 degrees. And it has a preferred lateral width of 60 degrees. Intended for side-of-road mounting on wide roadways width does not exceed 3.7 times the mounting height.



TYPE II

The preferred lateral width of 25 degrees. Therefore, they are generally applicable to luminaires located at or near the side of relatively narrow roadways. In addition, the width of the roadway does not exceed 1.75 times the designed mounting height.



TYPE V

Produces a circular 360° distribution that has equal light distribution at all positions. And this light distribution has a circular symmetry of foot-candles that is essentially the same at all viewing angles.

Order Code Ex : 553390090 27K 150D 8 1 B

CCT	Beam Angle	CRI	Driver	Finish
27K-2700K	150D-150°	8->80	1 - ON/OFF	Black(B)
30K-3000K	45x150D-25x150°		2 - 0/1-10V	
40K-4000K	70x160D-70x160°			
	60x155D-60x155°			

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