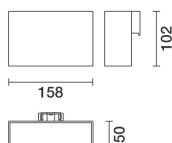


Last information update: May 2018



Wall-mounted Laser Blade InOut, Warm White LED, Wide Flood optic

Product code
E880

Technical description

Five optic element, outdoor rectangular, wall-mounted luminaire with Warm White LED lamps and a fixed Wide Flood optic. Consists of an optical assembly (rectangular), an upper base, a glass cover, and a wall plate. The optical assembly and upper cover are made of aluminium alloy and are subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. Painted plastic cover guard. AISI 304 stainless steel wall fixing plate. The tempered sodium-calcium sealing glass is transparent, with black serigraphy on the edge, 3mm thick and joined to the optical assembly with silicone. There are silicone seals between the upper cover and the optical assembly too. Metallised, thermoplastic, high definition optic, integrated in a rear position in the black, anti-glare screen. Single cable entrance via black polyamide PG11 cable clamp, suitable for \varnothing 6.5÷11mm cables. Connection with three fast-coupling terminals. Possibility to use unipolar cables with 2.4÷3.4mm diameter (1-2,5mm²) All external screws used are made of A2 stainless steel.

Installation

For wall-mounting using the special stainless steel plate. Secure using screw anchors for concrete, cement and solid brick. Product can be installed with the light beam in any direction (up, down, right, left, slanting, etc.).

Dimension (mm)

158x66x102

Colour

Black/White (47) | Grey/Black (74)

Weight (Kg)

1.15

Mounting

wall arm|wall surface

Wiring

Complete with built-in electronic ballast (220÷240V ac 50/60Hz).

Complies with EN60598-1 and pertinent regulations



Product configuration: E880

Product characteristics

Total lighting output [Lm]: 593
Total power [W]: 12.4
Luminous efficacy [Lm/W]: 47.8
Life Time: 50,000h - L90 - B10 (Ta 25°C)
Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Ambient temperature range: from -20°C to +35°C. (*)

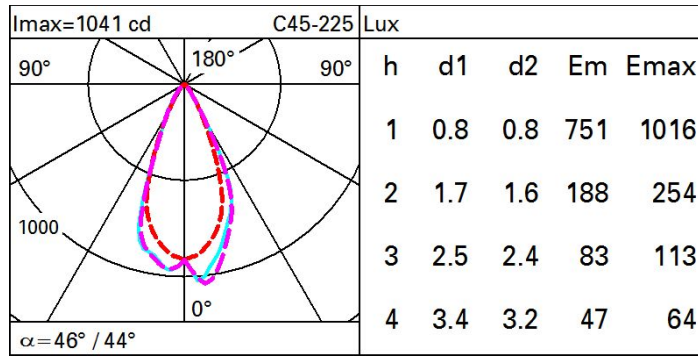
* Preliminary data

Optical assembly Characteristics Type 1

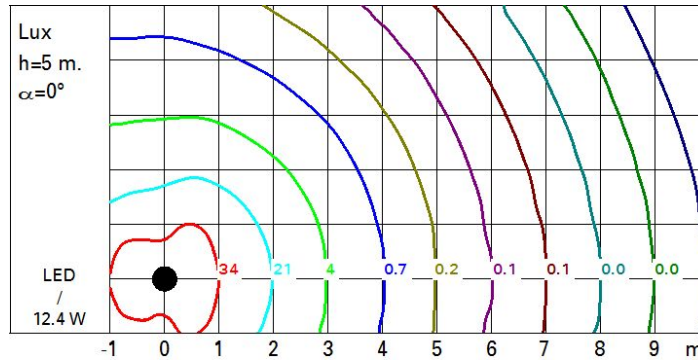
Light Output Ratio (L.O.R.) [%]: 69
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 10
Nominal luminous [Lm]: 860
Lamp maximum intensity [cd]: /
Beam angle [°]: 46° / 44°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.4
Colour temperature [K]: 2700
CRI: 95
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Isolux



UGR diagram

Corrected UGR values (at 800 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav	walls	work pl.	Room dim	x	y						
0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30	
0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30	
0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
2H	2H	11.7	12.3	12.0	12.5	12.8	13.9	14.5	14.2	14.8	15.0
	3H	11.9	12.5	12.2	12.7	13.0	14.0	14.5	14.3	14.8	15.1
	4H	12.0	12.5	12.4	12.8	13.1	14.0	14.5	14.3	14.8	15.1
	6H	12.1	12.5	12.4	12.8	13.2	13.9	14.4	14.3	14.7	15.0
	8H	12.1	12.5	12.4	12.8	13.2	13.9	14.4	14.3	14.7	15.0
	12H	12.1	12.5	12.4	12.8	13.2	13.9	14.3	14.2	14.6	15.0
4H	2H	11.7	12.2	12.1	12.5	12.8	14.1	14.6	14.4	14.9	15.2
	3H	12.1	12.5	12.4	12.8	13.2	14.2	14.7	14.6	15.0	15.3
	4H	12.2	12.6	12.6	13.0	13.3	14.3	14.6	14.7	15.0	15.4
	6H	12.3	12.6	12.7	13.0	13.5	14.3	14.6	14.7	15.0	15.4
	8H	12.3	12.6	12.8	13.1	13.5	14.3	14.6	14.7	15.0	15.4
	12H	12.3	12.6	12.8	13.0	13.5	14.2	14.5	14.7	14.9	15.4
8H	4H	12.2	12.5	12.6	12.9	13.4	14.2	14.5	14.7	15.0	15.4
	6H	12.4	12.6	12.8	13.1	13.5	14.3	14.5	14.7	15.0	15.4
	8H	12.4	12.6	12.9	13.1	13.6	14.3	14.5	14.7	14.9	15.4
	12H	12.4	12.6	12.9	13.1	13.6	14.2	14.4	14.7	14.9	15.4
12H	4H	12.2	12.4	12.6	12.9	13.3	14.2	14.5	14.7	14.9	15.4
	6H	12.3	12.6	12.8	13.0	13.5	14.2	14.4	14.7	14.9	15.4
	8H	12.4	12.6	12.9	13.1	13.6	14.2	14.4	14.7	14.9	15.4
Variations with the observer position at spacing:											
S =	1.0H	3.2 / -2.3					2.9 / -2.6				
	1.5H	5.5 / -2.9					5.2 / -3.5				
	2.0H	7.3 / -3.2					7.0 / -4.4				