CORE

MINI CORE - UP / DOWN

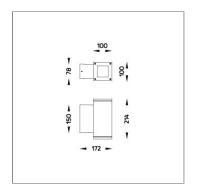
WALL SURFACE LIGHT



LAST UPDATE: 03-09-2025



Characterized by clean and clear-cut lines CORE is a family of square wall light, ceiling light, bollard and pole lights. CORE is available in two sizes and equipped with COB LED/ High Power LED in three color temperatures with exceptional color consistency. It is also available in HID version as well as with E27 holder for Led Retrofit lamps. The computer-aided-design of the parabolic reflector provides a quality light distribution. The housing is dust and water protected through the extensive engineering design and testing. CORE is recommended to illuminate columns, facades, walkways, parks and various architectural design works. The pole lights give a great level of downward light with symmetric wide beam, asymmetric forward throw or side throw light distributions.



Technical Data



Lamp: LED 13° Beam: CCT: 3000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 2x1850 lm Luminaire Lumen : 2860 lm Lamp Wattage: 2x12 W Luminaire Wattage: 27 W

Ambient Temperature : 50

Efficacy:

Lumen Maintenance L70B10 >60,000 h

Controller: DIM 1–10V

Input Voltage: 220–240Vac 50/60Hz

105 lm/W

Net Weight : - kg.

IK BODY

Icon definition

online@unilamp.co.th

www.unilamp.co.th

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP65 Class I

IK Rating Protection against mechanical impact IK10 on body and IK09 on optical part.

Luminaires Body Housing High-pressure die cast aluminum alloy body and components.

Extruded aluminum S6063 alloy body with low copper content.

Coating Process Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare primarily coated with epoxy resin and top coated

with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.

Diffuser Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.

Reflector High performance anodized spun aluminum reflector.

Gasket Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.

External Screws External screws are in stainless steel with protection grease.

Cable Entry Cable entry protected by weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter.

Led High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.

Driver High quality dimmable driver (1–10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.

Internal Wire Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.

Terminal Block Assembled with quick connector for cable with cross section up to 2.5 sqmm. from ADELS or equivalents. VDE approved.

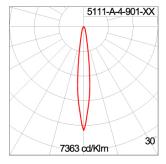
Class1 luminaire provided with the earth connection.

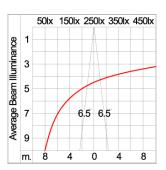
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





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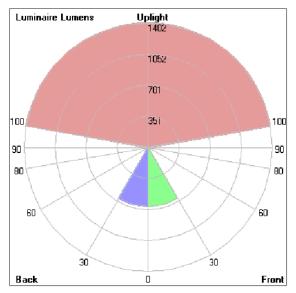
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Bug Report



Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	664.0	17.9	23.7
FM	[30-60]	35.0	0.9	1.2
FH	[60-80]	2.0	0.1	0.1
FVH	[80-90]	0.2	0.0	0.0
BL	[0-30]	664.0	17.9	23.7
ВМ	[30-60]	35.0	0.9	1.2
ВН	[60-80]	2.0	0.1	0.1
BVH	[80-90]	0.2	0.0	0.0
UL	[90-100]	0.4	0.0	0.0
UH	[100-180]	1402.0	37.9	50.0
Total		2804.8	75.7	100.0
BUG Rating		B2-U5-G0		

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