

CORE

MAXI CORE – UP / DOWN

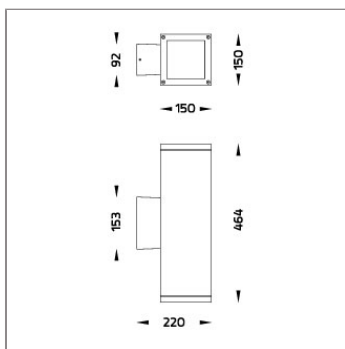
WALL SURFACE LIGHT



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



Ordering Code :	5101-9-3-877-XX
Lamp :	LED
Beam :	Asymmetric
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2x2700 lm
Luminaire Lumen :	4520 lm
Lamp Wattage :	2x30 W
Luminaire Wattage :	60 W
Efficacy :	75 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B50 >40,000 h
Controller :	On-Off (AC LED)
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.40 kg.

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color



Icon definition

*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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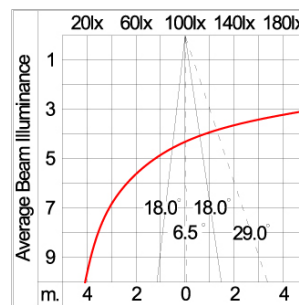
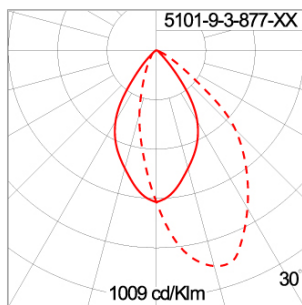
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Specification

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. Luminaire 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. Glass flushes to the front cover, no accumulation of dust and water.
Reflector	High performance metallized 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 H05RN-F / H07RN-F cable with 6-13mm. diameter.
Led	High quality AC LED module. Conform to safety standard and electromagnetic compatibility standard.
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Class1 luminaire provided with the earth connection.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	

	Black 01
	Graphite 02
	Dark Grey 03
	Aluminum Silver 04
	White 06

Light Distribution



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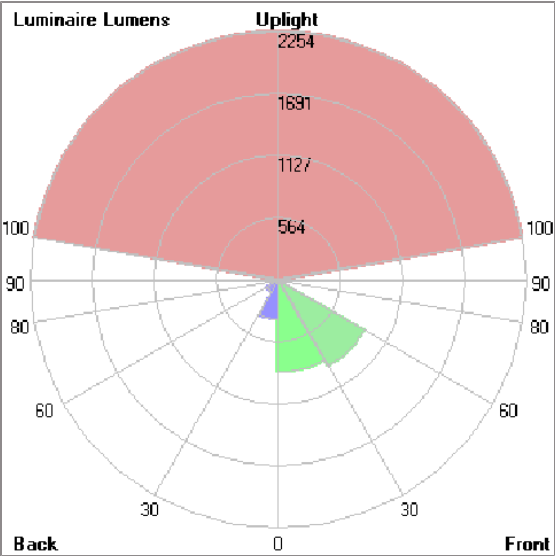
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	836.3	15.5	18.5
FM	[30-60]	901.8	16.7	20.0
FH	[60-80]	25.1	0.5	0.6
FVH	[80-90]	0.7	0.0	0.0
BL	[0-30]	359.0	6.6	8.0
BM	[30-60]	124.8	2.3	2.8
BH	[60-80]	7.1	0.1	0.2
BVH	[80-90]	0.6	0.0	0.0
UL	[90-100]	1.4	0.0	0.0
UH	[100-180]	2254.1	41.7	50.0
Total		4510.9	83.4	100.0
BUG Rating		B1-U5-G0		

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