

CORE

MINI CORE

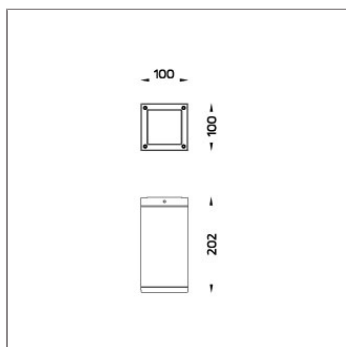
CEILING MOUNT LIGHT



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 :	4112-A-4-901-XX
Lamp :	LED
Beam :	13°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1850 lm
Luminaire Lumen :	1410 lm
Lamp Wattage :	12 W
Luminaire Wattage :	14 W
Efficacy :	100 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	- 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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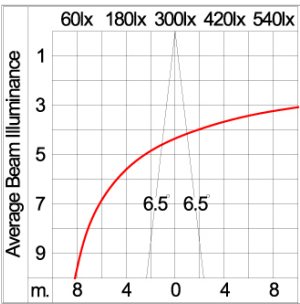
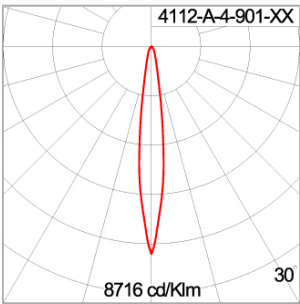


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Specification

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	Durable high-pressure die-cast aluminum alloy for excellent mechanical performance. Extruded 6063 aluminum body with minimal copper content for corrosion resistance.
Coating Process	The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga
Diffuser	Impact-resistant tempered glass designed for high-temperature environments.
Reflector	Anodized spun aluminum reflector for high durability and performance.
Gasket	Advanced post-cured silicone gasket offering superior weather and thermal resistance [-40°C to +200°C].
External Screws	Durable stainless steel screws with anti-corrosion grease for extended lifespan.
Cable Entry	Weatherproof grommet for secure cable entry, suitable for 5-10mm HO5RN-F/HO7RN-F cables.
Led	COB LED module with high efficiency, mounted on MCPCB for superior thermal management.
Driver	1-10V dimmable constant current LED driver meeting safety and EMC regulations.
Internal Wire	Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C.
Terminal Block	Certified GFR PA6.6 terminal block supporting up to 2.5 sqmm cables. Grounded Class 1 luminaire ensuring proper earthing for secure operation.
Caution	Installation must be performed as per the provided installation instructions.
Color	Black O1 Graphite O2 Dark Grey O3 Aluminum Silver O4 White O6

Light Distribution



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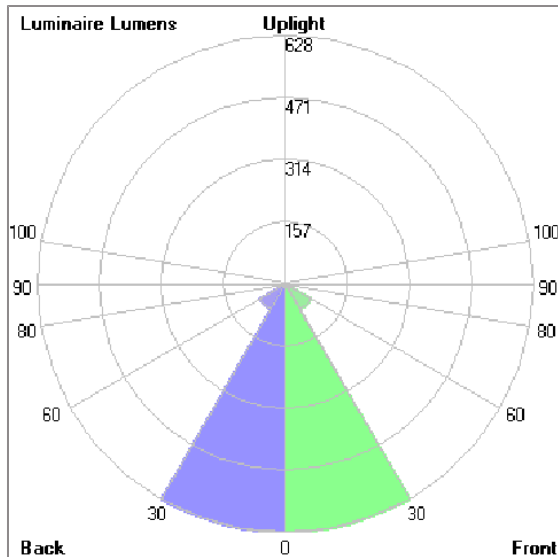
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Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	627.6	33.9	44.6
FM	[30-60]	75.2	4.1	5.3
FH	[60-80]	0.7	0.0	0.0
FVH	[80-90]	0.1	0.0	0.0
BL	[0-30]	627.6	33.9	44.6
BM	[30-60]	75.2	4.1	5.3
BH	[60-80]	0.7	0.0	0.0
BVH	[80-90]	0.1	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		1407.2	76.0	100.0
BUG Rating	B2-U0-G0			

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