## MAXI CORE - POLE LIGHT / SINGLE SIDED

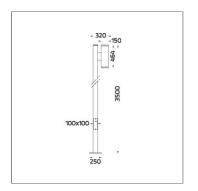
POLE LIGHTS & POLE TOP LIGHTS



LAST UPDATE: 03-05-2024



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.



# Ordering code guide B D | XXXX-X-X-XXX-XX A C E A Product Code B Reflector C Electrical Component D Lamp E Color

IK BODY OPTIC

Icon definition

#### **Technical Data**



Lamp: LED 37° Beam: CCT: 2700 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 9300 lm Luminaire Lumen : 6570 lm Lamp Wattage: 70 W Luminaire Wattage: 77 W Efficacy: 85 lm/W Ambient Temperature : 40°C

Lumen Maintenance L70B10 >90,000 h

Controller: DIM 1–10V

Input Voltage: 220–240Vac 50/60Hz

Net Weight: 20.60 kg.

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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 IK08 on body and IK07 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 7–10mm. 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.

Enhanced Protection The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in

compliance with IEC61643-11.

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 4 sqmm. VDE approved.

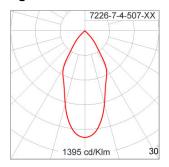
Class1 luminaire provided with the earth connection.

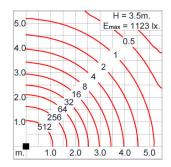
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



#### **Light Distribution**





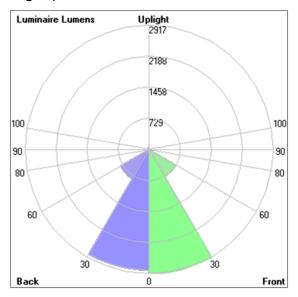
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#### **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	2916.8	31.4	39.5
FM	[30-60]	733.4	7.9	9.9
FH	[60-80]	33.9	0.4	0.5
FVH	[80-90]	1.2	0.0	0.0
BL	[0-30]	2836.3	30.5	38.4
вм	[30-60]	787.4	8.5	10.7
вн	[60-80]	40.2	0.4	0.5
BVH	[80-90]	1.4	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	27.2	0.3	0.4
Total		7377.8	79.4	100.0
BUG Rating		B4-U2-G0		

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#### Accessories



Ordering Code: AUN-GHS-0022-00 Glare Shield Ring for COB



Ordering Code: AUN-ACB-0006-00 Anchor Bolt Kit