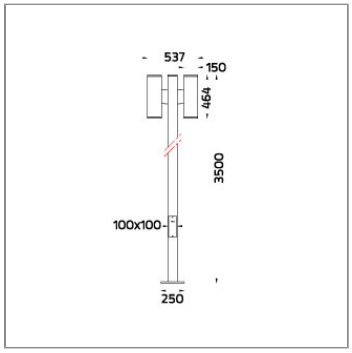
CORE

MAXI CORE – POLE LIGHT / DOUBLE SIDED

POLE LIGHTS & POLE TOP LIGHTS

LAST UPDATE: 19-02-2024

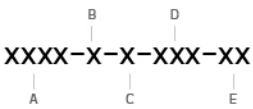
Characterized by clean and clear-cut lines CORE is a family of square wall light, ceiling light, bollard and pole lights. CORE is available in two sizes and equipped with COB LED/ High Power LED in three color temperatures with exceptional color consistency. It is also available in HID version as well 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.



Technical Data

Ordering Code :	7227-7-5-507-XX
Lamp :	LED
Beam :	37°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2x9300 lm
Luminaire Lumen :	13140 lm
Lamp Wattage :	2x70 W
Luminaire Wattage :	154 W
Efficacy :	85 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	26.20 kg.

Ordering code guide



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

Icon definition

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

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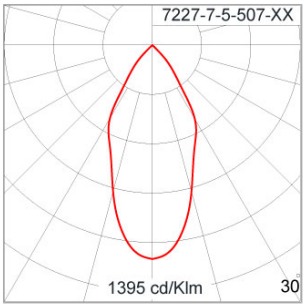
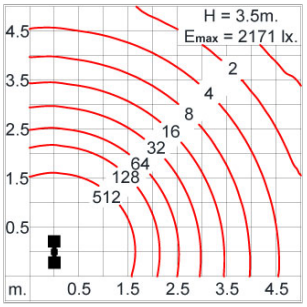
Specification

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 Aluminium alloy body and components.
	Extruded Aluminium 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 aluminium 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 7-10mm. diameter.
Led	High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.
Driver	High quality DALI Driver 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	Black 01 Graphite 02 Dark Grey 03 Aluminium Silver 04 White 06 Wooden Brown 07

Light Distribution





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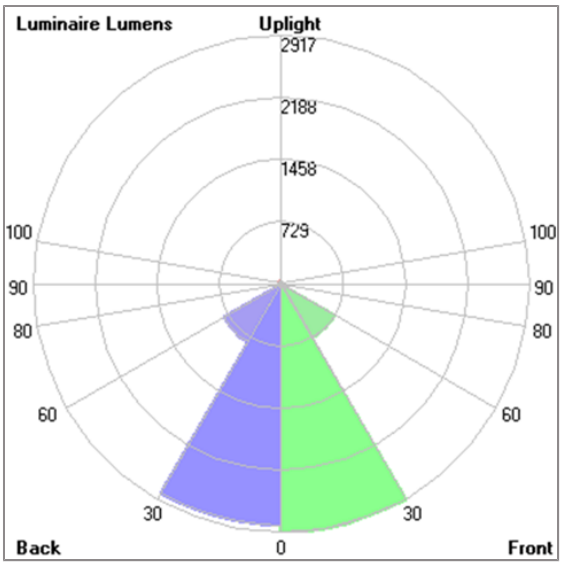
Bug Report



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
BM	(30-60)	787.4	8.5	10.7
BH	(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

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