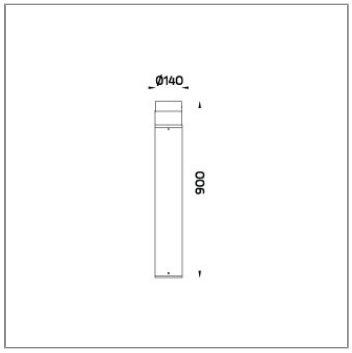
CHARISMA

MEDIUM CHARISMA3 ROUND – BOLLARD

BOLLARDS

LAST UPDATE: 03-05-2024

CHARISMA range of compact to mid-size bollard and wall light designed for residential, community and commercial sites. It is pre-wired from the factory with double insulated construction therefore safe and simple to install. CHARISMA is designed to utilize a high efficiency reflector and COB LED and available in three color temperatures from 2700K, 3000K and 4000K. It is supplied with built-in driver in both non-dimmable and 1-10V/ DALI dimmable options. The clear polycarbonate cover with internal glare suppression louvers improves the light quality by limiting the upward light emission. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.



Technical Data

Ordering Code :	7158-0-5-905-XX
Lamp :	LED
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3390 lm
Luminaire Lumen :	790 lm
Lamp Wattage :	23 W
Luminaire Wattage :	26 W
Efficacy :	30 lm/W
Ambient Temperature :	35°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	4.80 kg.

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

Icon definition

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

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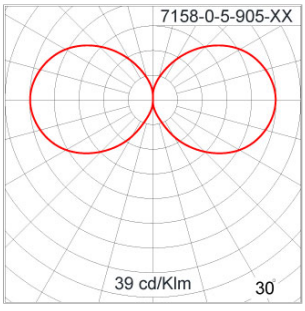
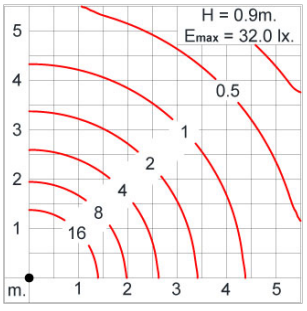
Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-1 Fixed Luminaires
Protection	IP66 Class II
IK Rating	Protection against mechanical impact IK10 on body and 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	Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive.
Gasket	Weather resistant silicone gasket. 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 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.
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.
Pre-Wire Cable	Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x0.35 sqmm.).
	Equipped with anti-humidity kit.
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 Wooden Brown 07

Light Distribution





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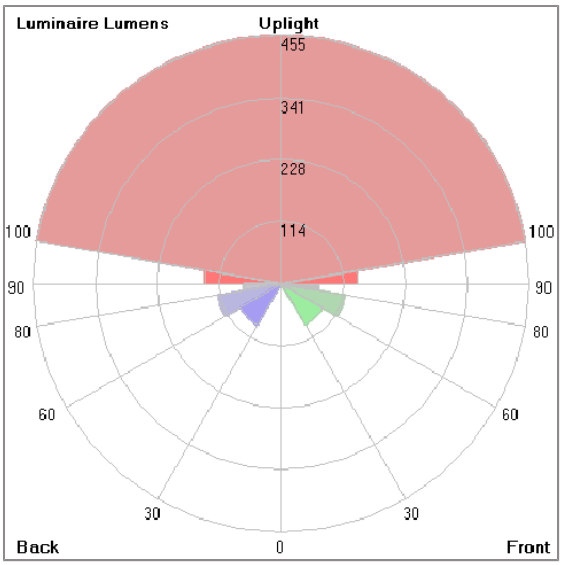
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	5.0	0.1	0.4
FM	[30-60]	86.9	2.6	7.5
FH	[60-80]	119.0	3.5	10.3
FVH	[80-90]	69.6	2.1	6.0
BL	[0-30]	5.0	0.1	0.4
BM	[30-60]	86.9	2.6	7.5
BH	[60-80]	119.0	3.5	10.3
BVH	[80-90]	69.6	2.1	6.0
UL	[90-100]	139.9	4.1	12.1
UH	[100-180]	455.1	13.4	39.4
Total		1156.0	34.1	100.0
BUG Rating		B1-U3-G1		

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Accessories

Ordering Code:
AUN-CON-0011-00
IP68 Water Tight Connecting Device 5 Pole, Cable Diameter 7.1 – 13mm. (1-10V or Dali)

Ordering Code:
AUN-CON-0012-00
IP68 Water Tight Connecting Device with Distribution block, 5 pole, 1 input, 2 outputs, Cable Diameter 7.1 – 13mm. (1-10V or Dali)

Ordering Code:
AUN-CON-0014-00
IP68 Water Tight Connecting Device 5 Pole, Cable Diameter 8 – 12.5mm. (1-10V or DALI)

Ordering Code:
AUN-ACB-0007-00
Anchor Bolt Kit

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