

CHARISMA

MEDIUM CHARISMA4 ROUND – BOLLARD

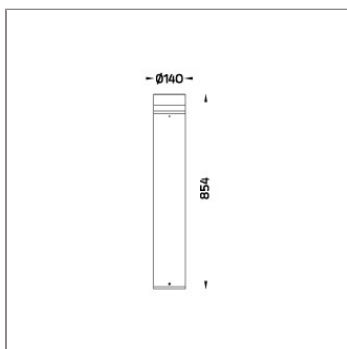
BOLLARDS



LAST UPDATE: 23-11-2023



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 :	7859-O-A-506-XX
Lamp :	LED
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2300 lm
Luminaire Lumen :	1000 lm
Lamp Wattage :	16 W
Luminaire Wattage :	19 W
Efficacy :	52 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	CASAMBI
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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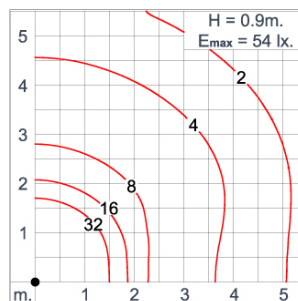
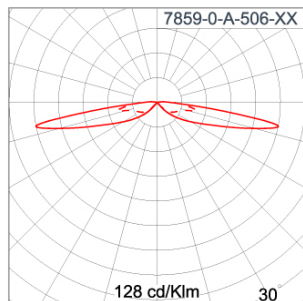


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Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires												
Protection	IP66 Class II												
IK Rating	Protection against mechanical impact IK08 on body and IK09 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. Luminaire primarily coated with epoxy resin and top coated with UV stabilizing polyester powder and cured in digital temperature controlled chamber at 200°C.												
Diffuser	Self-extinguishing high impact resistant clear polycarbonate diffuser with UV stabilized additive.												
Reflector	High performance anodized spun aluminium reflector.												
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 HO5RN-F/ HO7RN-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 CASAMBI controllable LED driver with constant current output. 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 2x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved. Equipped with anti-humidity kit.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminium Silver 04</td></tr><tr><td></td><td>White 06</td></tr><tr><td></td><td>Wooden Brown 07</td></tr></table>		Black 01		Graphite 02		Dark Grey 03		Aluminium Silver 04		White 06		Wooden Brown 07
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Light Distribution



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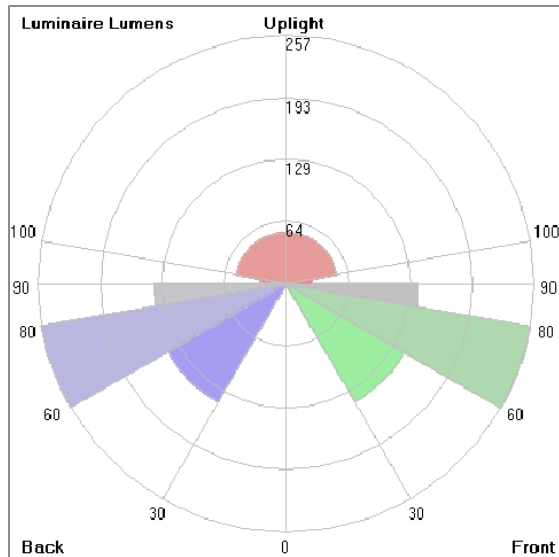
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	0.1	0.0	0.0
FM	[30-60]	141.3	6.1	12.3
FH	[60-80]	257.1	11.2	22.4
FVH	[80-90]	137.1	6.0	11.9
BL	[0-30]	0.1	0.0	0.0
BM	[30-60]	141.3	6.1	12.3
BH	[60-80]	257.1	11.2	22.4
BVH	[80-90]	137.1	6.0	11.9
UL	[90-100]	26.2	1.1	2.3
UH	[100-180]	52.6	2.3	4.6
Total		1150.0	50.0	100.0
BUG Rating		B1-U3-G2		

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Accessories



Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.



Ordering Code:
AUN-CON-0010-00
IP68 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable
Diameter 5.0 – 9.5mm.



Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 7 – 11.5mm.



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



Ordering Code:
AUN-CON-0006-00
IP68 Water Tight
Connecting Device Cable
Diameter 7 – 12mm.