CHARISMA

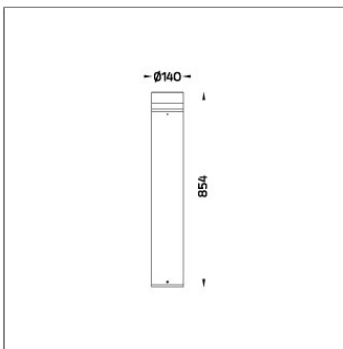## MEDIUM CHARISMA ROUND

BOLLARD

Unilamp

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.

Ø140

854

Ordering code guide

XXXX-X-X-XXX-XX

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

IK BODY OPTIC

Icon definition

Technical Data

CE | IP66 | IK 08 09 | | | | SNI

Ordering Code :	7859-0-4-887-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2410 lm
Luminaire Lumen :	1050 lm
Lamp Wattage :	16 W
Luminaire Wattage :	19 W
Efficacy :	55 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	– kg.

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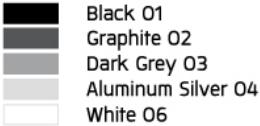
Specification

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 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 clear polycarbonate diffuser with UV stabilized additive.
Reflector	High performance anodized spun aluminum 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 Dimmable Driver (1-10V) 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

Light Distribution
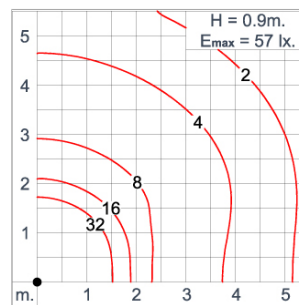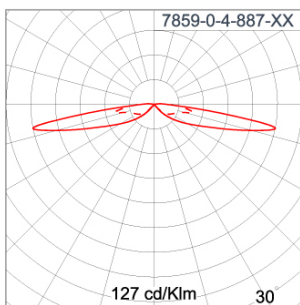
7859-0-4-887-XX
127 cd/Klm   30

H = 0.9m.
E_{max} = 57 lx.

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LAST UPDATE: 24-02-2025

Bug Report
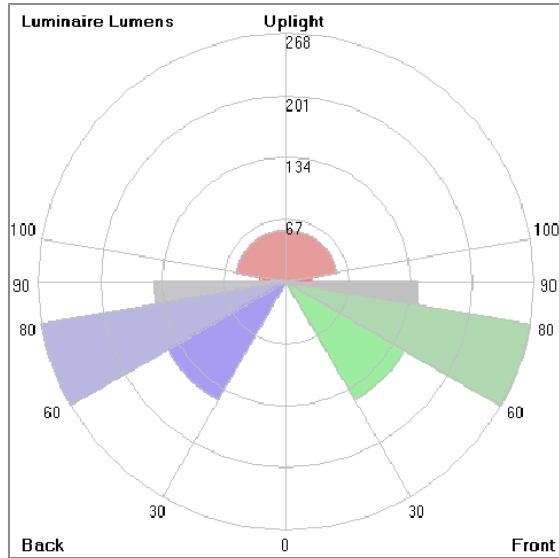
Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	0.1	0.0	0.0
FM	[30-60]	147.5	6.1	12.3
FH	[60-80]	268.3	11.1	22.4
FVH	[80-90]	143.1	5.9	11.9
BL	[0-30]	0.1	0.0	0.0
BM	[30-60]	147.5	6.1	12.3
BH	[60-80]	268.3	11.1	22.4
BVH	[80-90]	143.1	5.9	11.9
UL	[90-100]	27.3	1.1	2.3
UH	[100-180]	54.9	2.3	4.6
Total		1200.2	49.6	100.0
BUG Rating		B1-U3-G2		

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Accessories

Ordering Code:
AUN-CON-0011-00
IP68 connection device, cable diameter 7.1-13mm, 1-10V or DALI

Ordering Code:
AUN-CON-0012-00
IP68 connection device 5 pole, cable diameter 7.1-13mm, with distribution block , 1-10V or DALI

Ordering Code:
AUN-CON-0014-00
IP68 connection device, cable diameter 8-12.5mm, 1-10V or DALI

Ordering Code:
AUN-ACB-0007-00
Anchor bolt kit