

CONE

CONE4 – POLE TOP LIGHT

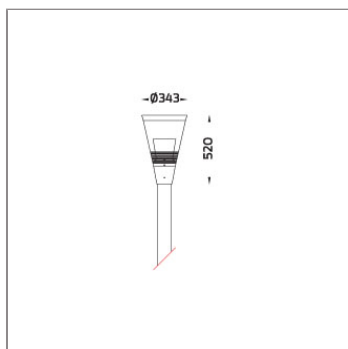
POLE LIGHTS & POLE TOP LIGHTS



LAST UPDATE: 03-05-2024



CONE is as its name suggests, a series of cone-shaped pole top and wall mounted luminaires with shielded light source. The recommended mounting height is between 3 – 4 metres. CONE family is available in various styles for example, with internal glare suppression opal diffuser, slanted louvers and funnel shaped reflector. Discoloration of the cover is avoided by the use of high quality PMMA material. Recommended uses are in gardens, parks, residential areas, squares and public spaces. Aluminium pole, galvanized steel pole and anchor unit for concrete foundation are also available.



Technical Data



Ordering Code :	7299-0-3-878-XX
Lamp :	LED
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2850 lm
Luminaire Lumen :	1930 lm
Lamp Wattage :	30 W
Luminaire Wattage :	30 W
Efficacy :	64 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B50 >40,000 h
Controller :	On-Off [AC LED]
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	7.40 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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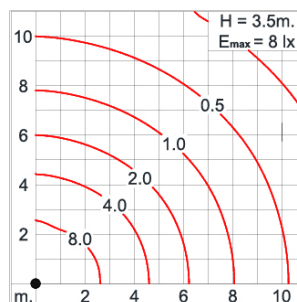
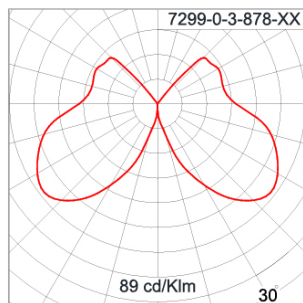
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Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires
Protection	IP65 Class I
IK Rating	Protection against mechanical impact IK08 on body and IK07 optical part.
Luminaires Body Housing	High Strength Cast Aluminum alloy component. Extruded aluminum 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 stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.
Diffuser	Weather resistant injected clear PMMA cover.
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 M16 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. diameter.
Led	High quality AC LED module. Conform to safety standard and electromagnetic compatibility standard.
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 2.5 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
	Aluminum Silver 04
	White 06
	Wooden Brown 07

Light Distribution



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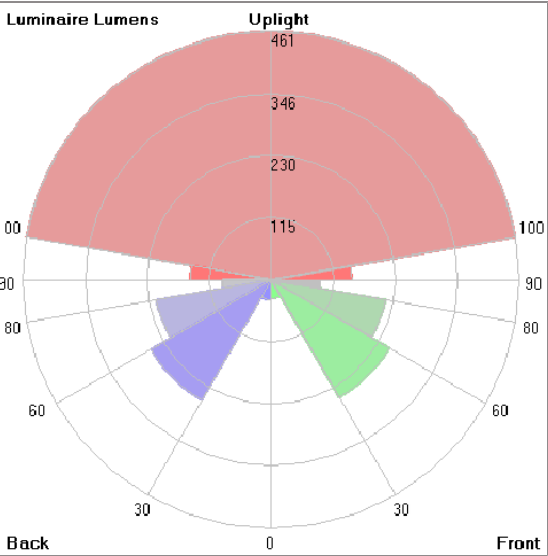
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	35.2	1.2	1.9
FM	[30-60]	252.6	8.9	14.0
FH	[60-80]	215.2	7.6	11.9
FVH	[80-90]	91.0	3.2	5.0
BL	[0-30]	37.7	1.3	2.1
BM	[30-60]	257.6	9.0	14.3
BH	[60-80]	216.2	7.6	12.0
BVH	[80-90]	90.7	3.2	5.0
UL	[90-100]	150.0	5.3	8.3
UH	[100-180]	461.0	16.2	25.5
Total		1807.2	63.5	100.0
BUG Rating		B1-U3-G1		

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Accessories



Ordering Code:
ALUMINUM-POLE-FOR-CONE
Please contact Sales
Representative



Ordering Code:
STEEL-POLE-FOR-CONE
Please contact Sales
Representative



Ordering Code:
AUN-ACB-0008-00
Anchor Bolt Kit for
Galvanized Steel Pole. [for
Diameter 102mm. and
151x102mm.]



Ordering Code:
AUN-ACB-0005-00
Anchor Bolt Kit for
Aluminium Pole