KRONOS – AREA LIGHT / BI-SYMMETRIC DOUBLE SIDED

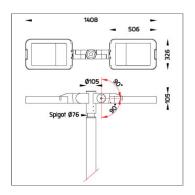
AREA LIGHTS







A family of Area Light, Surface Washer and Architectural–Grade Flood Light in various mounting application KRONOS utilizes the latest LED technology from renowned manufacturers with high CRI in 3000K or 4000K. The high quality corrosion resistance aluminium housing is filmed with Nano Ceramic and coated with super durable powder. The heat management has been delicately designed and tested under ambient thermal condition Ta 50°C. A graduated scale provides accurate aiming of the luminaire. KRONOS offers various light distribution patterns e.g. Asymmetric Flat Beam (Road Optic) for USA, European, Middle East and Asia regulations, Asymmetric Forward Throw for squares and open spaces, as well as Narrow, Medium, Wide and Elliptical beams for floodlight and fade light applications.



IK BODY OPTIC

Icon definition

Technical Data



Ordering Code : 7774-E-3-669-XX

Lamp: LED 83° Beam: CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 2x24320 lm Luminaire Lumen : 39100 lm Lamp Wattage: 2x127 W Luminaire Wattage: 272 W 143 lm/W Efficacy: Ambient Temperature : 40°C

Lumen Maintenance L70B10 >72,000 h

Controller : On-Off

Input Voltage: 220–240Vac 50/60Hz

Net Weight: 15.60 kg.

KRONOS – AREA LIGHT / BI-SYMMETRIC DOUBLE SIDED

AREA LIGHTS

LAST UPDATE: 20-02-2024



Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP65 Class I

IK Rating Protection against mechanical impact IKO8 on body and IKO7 optical part.

Luminaires Body Housing High-pressure Die Cast Aluminium alloy body and components.

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.

Lens Molded PC lens from renowned manufacturers in various light distribution patterns.

Adjustable Optic Adjustable aiming unit through graduated scale.

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 M2O cable gland. To be used with HO5RN-F/ HO7RN-F cable with 7-13mm. diameter.

Led High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat

conductive material.

Driver High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.

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.

Pre-Wire Cable Pre-wired with 3x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.

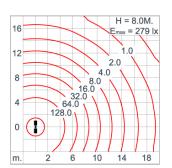
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





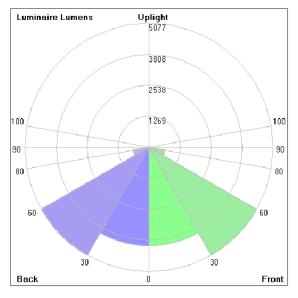
KRONOS – AREA LIGHT / BI-SYMMETRIC DOUBLE SIDED

AREA LIGHTS

LAST UPDATE: 20-02-2024



Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	4019.5	16.5	20.6
FM	[30-60]	5076.8	20.9	26.0
FH	[60-80]	655.6	2.7	3.4
FVH	[80-90]	22.3	0.1	0.1
BL	[0-30]	4019.5	16.5	20.6
ВМ	[30-60]	5076.8	20.9	26.0
ВН	[60-80]	655.6	2.7	3.4
BVH	[80-90]	22.3	0.1	0.1
UL	[90-100]	0.1	0.0	0.0
UH	[100-180]	0.2	0.0	0.0
Total		19548.7	80.4	100.0
BUG Rating		B4-U1-G1		

KRONOS – AREA LIGHT / BI-SYMMETRIC DOUBLE SIDED

AREA LIGHTS

LAST UPDATE: 20-02-2024



Accessories



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



Ordering Code: AUN-ACB-0009-00 Anchor Bolt Kit for Galvanized Steel Pole. [for pole Diameter 114mm. and Diameter 114&140mm.]