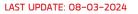
### KRONOS – AREA LIGHT / BI-SYMMETRIC SINGLE SIDED

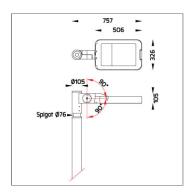
**AREA LIGHTS** 







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

Icon definition

#### Technical Data



Ordering Code : 7771-3-4-862-XX

Lamp: LED Beam: 95°/20° CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 23160 lm Luminaire Lumen : 18930 lm Lamp Wattage: 162 W Luminaire Wattage: 167 W Efficacy: 113 lm/W Ambient Temperature : 50°C

Lumen Maintenance L70B10 >66,000 h

Controller: DIM 1–10V

Input Voltage: 220–240Vac 50/60Hz

Net Weight: 14.80 kg.

## KRONOS – AREA LIGHT / BI-SYMMETRIC SINGLE SIDED

**AREA LIGHTS** 

LAST UPDATE: 08-03-2024



#### 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 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.

Class1 luminaire provided with the earth connection.

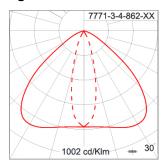
Pre-Wire Cable Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x0.35 sqmm.).

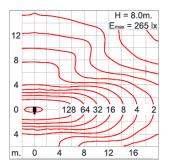
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



#### **Light Distribution**





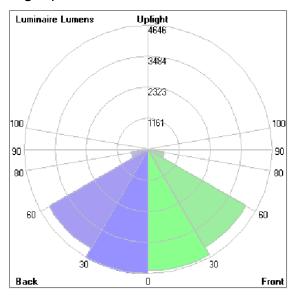
# KRONOS – AREA LIGHT / BI-SYMMETRIC SINGLE SIDED

**AREA LIGHTS** 

LAST UPDATE: 08-03-2024



#### **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	4533.4	19.6	23.9
FM	[30-60]	4217.1	18.2	22.2
FH	[60-80]	619.6	2.7	3.3
FVH	[80-90]	16.6	0.1	0.1
BL	[0-30]	4645.9	20.1	24.5
ВМ	[30-60]	4270.7	18.4	22.5
ВН	[60-80]	637.4	2.8	3.4
BVH	[80-90]	20.6	0.1	0.1
UL	[90-100]	0.5	0.0	0.0
UH	[100-180]	0.9	0.0	0.0
Total		18962.7	82.0	100.0
BUG Rati	ng	B4-U1-G2	!	

# KRONOS – AREA LIGHT / BI-SYMMETRIC SINGLE SIDED

**AREA LIGHTS** 

LAST UPDATE: 08-03-2024



#### 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.]