KRONOS

KRONOS – AREA LIGHT / ROAD OPTIC DOUBLE SIDED

POLE MOUNTED LIGHT

Unilamp

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 façade light applications.

Ordering code guide

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        B       D
XXXX-X-X-XXX-XX
   A      C      E
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A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC   Icon definition

Technical Data

CE | IP65 | IK 08/07

Ordering Code :	7775-K-5-666-XX
Lamp :	LED
Beam :	T4
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2x16880 lm
Luminaire Lumen :	24500 lm
Lamp Wattage :	2x89 W
Luminaire Wattage :	194 W
Efficacy :	126 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >72,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	15.60 kg.

Dimensions: 1408 / 506 / 326 / Ø105 / 105 / 90° / Spigot Ø76

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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-pressure die cast aluminum 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 M20 cable gland. To be used with H05RN-F/ H07RN-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 DALI Driver 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	Black 01
	Graphite 02
	Dark Grey 03
	Aluminum Silver 04
	White 06

Light Distribution
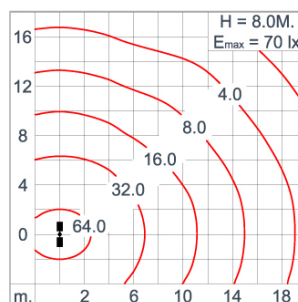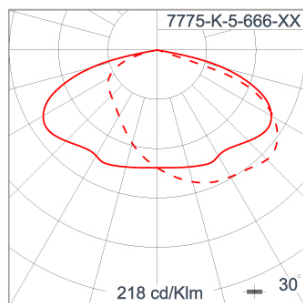
*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.
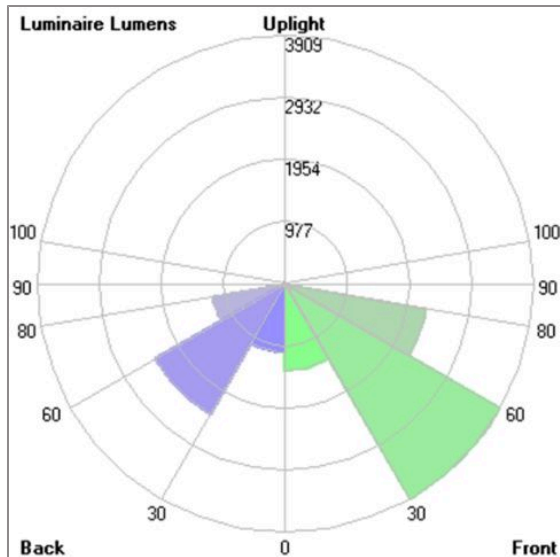
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LAST UPDATE: 10-03-2025

Bug Report

Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1363.4	8.1	11.1
FM	[30-60]	3908.7	23.2	31.9
FH	[60-80]	2249.1	13.3	18.4
FVH	[80-90]	67.6	0.4	0.6
BL	[0-30]	1076.4	6.4	8.8
BM	[30-60]	2363.8	14.0	19.3
BH	[60-80]	1156.8	6.9	9.4
BVH	[80-90]	35.2	0.2	0.3
UL	[90-100]	4.1	0.0	0.0
UH	[100-180]	22.7	0.1	0.2
Total		12247.8	72.6	100.0
BUG Rating		B3-U2-G3		

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Accessories

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

Ordering Code:
AUN-ACB-0009-00
Anchor bolt kit, pole
diameter 114 and 114/140,
galvanized steel pole