

KRONOS

KRONOS – FLOOD LIGHT / ROAD OPTIC

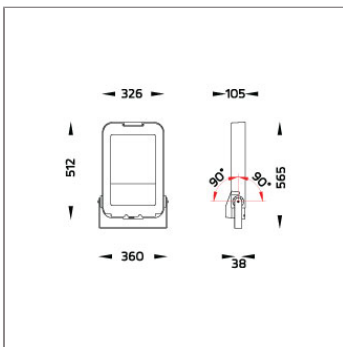
SURFACE WASHERS & FLOOD LIGHTS



LAST UPDATE: 20-02-2024



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.



Technical Data



Ordering Code :	2272-9-3-862-XX
Lamp :	LED
Beam :	Road Optic
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	23160 lm
Luminaire Lumen :	16760 lm
Lamp Wattage :	162 W
Luminaire Wattage :	167 W
Efficacy :	100 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	11.40 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

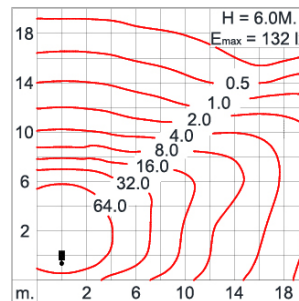
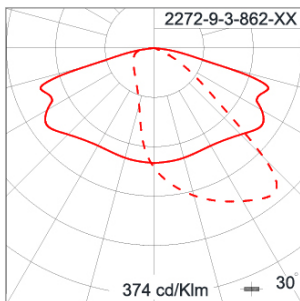
*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66(0)2 943 2420-1, +66(0)2 946 4170-1
Fax : +66(0)2 943 2419
online@unilamp.co.th
www.unilamp.co.th

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 Aluminium alloy body and components.
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	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 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. H07RN-F neoprene cable. IMQ approved.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	<div> <div style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></div> Black 01 <div style="display: inline-block; width: 15px; height: 15px; background-color: #333; margin-right: 5px;"></div> Graphite 02 <div style="display: inline-block; width: 15px; height: 15px; background-color: #666; margin-right: 5px;"></div> Dark Grey 03 <div style="display: inline-block; width: 15px; height: 15px; background-color: #ccc; margin-right: 5px;"></div> Aluminium Silver 04 <div style="display: inline-block; width: 15px; height: 15px; background-color: #fff; margin-right: 5px;"></div> White 05 <div style="display: inline-block; width: 15px; height: 15px; background-color: #800000; margin-right: 5px;"></div> Wooden Brown 07 </div>

Light Distribution



KRONOS

KRONOS – FLOOD LIGHT / ROAD OPTIC

SURFACE WASHERS & FLOOD LIGHTS



LAST UPDATE: 20-02-2024

Accessories



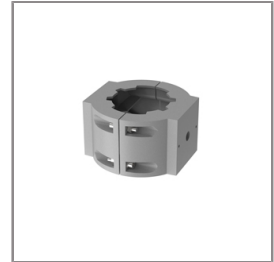
Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.



Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 7 – 11.5mm.



Ordering Code:
AUN-CLP-0003-XX
Pole Clamp Diameter
114mm.



Ordering Code:
AUN-CLP-0002-XX
Pole Clamp Diameter
102-105mm.



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



Ordering Code:
ALUMINIUM-POLE-FOR-KRONOS-FLOODLIGHT
Please contact Sales
Representative



Ordering Code:
AUN-MOT-0001-XX
Pole Top Mount Adaptor
Spigot Size 76mm.



Ordering Code:
AUN-MOT-0002-XX
Wall or Pole Mounting Arm
Diameter 114mm.



Ordering Code:
AUN-MOT-0003-XX
Mounting Base for dimming
interface [1-10V or Dali]



Ordering Code:
AUN-MOT-0004-XX
Wall or Pole Mounting
Double Arm Diameter
114mm.

*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1
Fax : +66[0]2 943 2419
online@unilamp.co.th
www.unilamp.co.th