### KORNER1

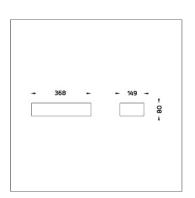
POLE MOUNTED LIGHT



LAST UPDATE: 28-02-2025



KORNER is minimalistic linear shaped pole luminaire and wall light. The use of clear lines, closed surfaces and hidden mounting hardware provide an attractive unobtrusive appearance, and easy installation. The unique 16 stage paint process and use of virtually copper free aluminum alloys guarantee an ultra-long product lifetime. KORNER is suitable for medium mounting heights when using aluminum poles and high mounting heights of up to 8m in combination of steel poles. Existing circular poles can be utilized with the use of the innovative clamping system. KORNER uses high efficacy LED modules and CAD optimized optics. Ready for light management systems using the D4i protocol and Zhaga book 18 interface. Withstanding ambient temperatures of 50°C and electrical surges make KORNER applicable for most challenging environments.



#### **Technical Data**



Ordering Code: 7780-K-3-669-XX

Lamp: LED Beam: T4 CCT: 4000 K CRI >80 CRI: SDCM: SDCM = 3Lamp Lumen: 6080 lm Luminaire Lumen : 3550 lm Lamp Wattage: 32 W Luminaire Wattage: 38 W 93 lm/W Efficacy:

Lumen Maintenance L70B10 >60,000 h

Controller: On-Off

Ambient Temperature :

Input Voltage: 220–240Vac 50/60Hz

40°C

Net Weight: - kg.



Icon definition

### KORNER1

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#### Specification

External Screws

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP66 Class I

IK Rating Protection against mechanical impact IK10 on body and IK08 on optical part.

Luminaires Body Housing Extruded aluminum S6063 alloy body with low copper content.

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.

External screws are in stainless steel with protection grease.

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

Gasket Weather resistant silicone gasket. Working temperature -40°C to +200°C.

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.

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.

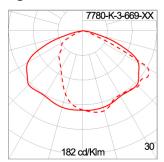
Pre-Wire Cable Pre-wired with 3x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.

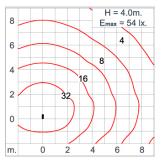
Caution Installation work has to be carried on according to the enclosed installation manual.

Color

Black 01
Graphite 02
Dark Grey 03
Aluminum Silver 04
White 06

## **Light Distribution**





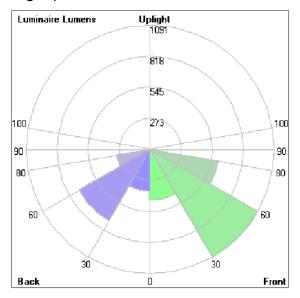
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## **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	444.3	7.3	12.5
FM	[30-60]	1090.8	17.9	30.7
FH	[60-80]	606.4	10.0	17.1
FVH	[80-90]	17.4	0.3	0.5
BL	[0-30]	363.1	6.0	10.2
ВМ	[30-60]	718.9	11.8	20.3
ВН	[60-80]	296.9	4.9	8.4
BVH	[80-90]	8.0	0.1	0.2
UL	[90-100]	0.2	0.0	0.0
UH	[100-180]	2.3	0.0	0.1
Total		3548.3	58.3	100.0
BUG Rating		B1-U1-G1		

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#### Accessories



Ordering Code: AUN-CON-0009-00 IP68 connection device, cable diameter 5-9.5mm, On-Off



Ordering Code:
AUN-CON-0010-00
IP68 connection device 3
pole, cable diameter
5-9.5mm, with distribution
block



Ordering Code: AUN-CON-0013-00 IP68 connection device, cable diameter 7-11.5mm, On-Off



Ordering Code: AUN-ACB-0008-00 Anchor bolt kit, pole diameter 102mm and 151x102mm, galvanized steel pole



Ordering Code: AUN-ACB-0022-00 Anchor bolt kit, aluminum pole



Ordering Code: AUN-ACB-0023-00 Planted root, aluminum pole



Ordering Code: AUN-ACB-0024-00 Planted root, galvanized steel pole



Ordering Code:
AUN-CLP-0010-XX
Pole clamp, pole diameter
60mm, single side
luminaire mounting



Ordering Code: AUN-CLP-O011-XX Pole clamp, pole diameter 60mm, double sided luminaire mounting



Ordering Code: AUN-CLP-0012-XX Pole clamp, pole diameter 76mm, single side luminaire mounting



Ordering Code:
AUN-CLP-0013-XX
Pole clamp, pole diameter
76mm, double sided
luminaire mounting



Ordering Code: AUN-BRK-0004-XX Mounting bracket

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



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