PRIMUS

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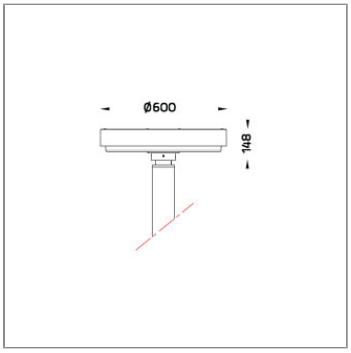
POLE MOUNTED LIGHT

LAST UPDATE: 22-12-2025

The design of PRIMUS is inspired by urban furniture elements. The distinctive circular shape with or without uplight shield adds a playful architectural option for urban spaces, walkways, parks and plazas. The excellent luminaire performance creates pleasant glare free illumination suitable for most pedestrian and bicycle ways. The clear version of PRIMUS with CAD optimized lens array allows highly energy efficient lighting schemes with wide luminaire spacing. PRIMUS is suitable for pole diameters from ɑ60mm to ɑ76mm. The luminaire is equipped with a surge protection device and on request can be integrated in light management system by utilizing a Zhaga book 18 connector and DALI2 control gear.



Technical Data

Ordering Code :	7720-J-3-666-XX
Lamp :	LED
Beam :	T3 - Asymmetric Medium Side Throw
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	7500 lm
Luminaire Lumen :	5670 lm
Lamp Wattage :	35 W
Luminaire Wattage :	44 W
Efficacy :	128 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.40 kg.

Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

Icon definition

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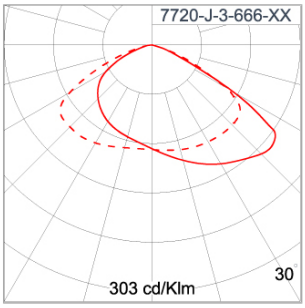
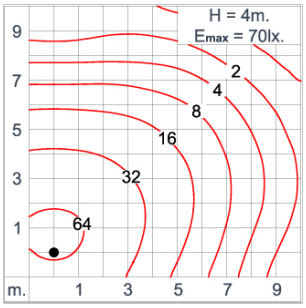
Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-1 Fixed Luminaires
Protection	IP66 Class I
IK Rating	Protection against mechanical impact IK07 on body and IK09 optical part.
Luminaires Body Housing	High strength cast aluminum alloy component.
	Spun aluminum alloy component.
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	Self-extinguishing high impact resistant clear polycarbonate diffuser with UV stabilized additive.
Lens	Molded PC lens from renowned manufacturers in various light distribution patterns.
Gasket	Weather resistant silicone gasket. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by M16 cable gland. To be used with H05RN-F/ H07RN-F cable with 5-10mm. 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	Assembled with quick connector for cable with cross section up to 2.5 sqmm. from ADELS or equivalents. VDE approved.
	Class1 luminaire provided with the earth connection.
Pre-Wire Cable	Pre-wired with 3x1.0 sqmm. H07RN-F neoprene cable. IMQ approved.
	Equipped with anti-humidity kit.
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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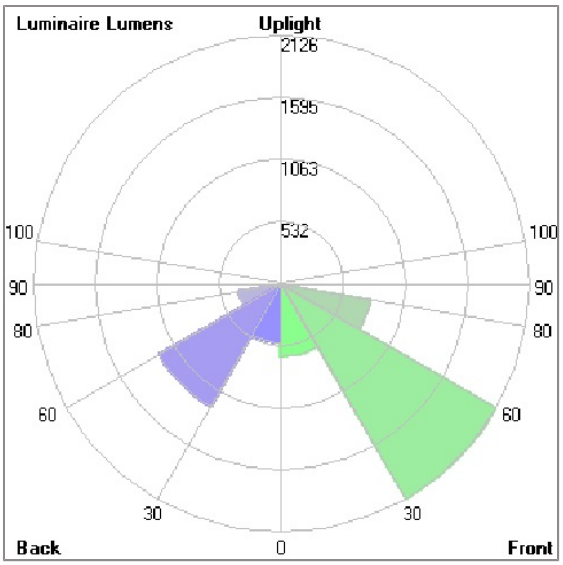
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	(0-30)	624.4	8.3	11.0
FM	(30-60)	2126.4	28.4	37.5
FH	(60-80)	774.4	10.3	13.7
FVH	(80-90)	24.4	0.3	0.4
BL	(0-30)	506.3	6.8	8.9
BM	(30-60)	1212.2	16.2	21.4
BH	(60-80)	368.2	4.9	6.5
BVH	(80-90)	16.2	0.2	0.3
UL	(90-100)	7.7	0.1	0.1
UH	(100-180)	10.0	0.1	0.2
Total		5670.2	75.6	100.0
BUG Rating		B2-U2-G1		

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Accessories

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

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

Ordering Code:
AUN-ACB-0005-00
Anchor bolt kit, aluminum pole

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

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

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