

# PRIMUS

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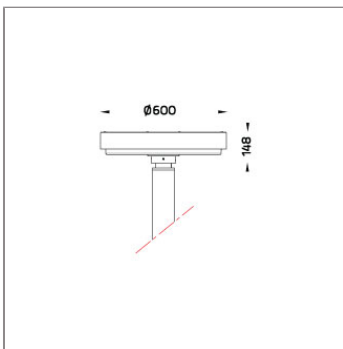
POLE MOUNTED



LAST UPDATE: 18-06-2024



The design of PRIMUS is inspired by urban furniture elements. The distinctive circular shape with or without upright 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  $\varnothing 60\text{mm}$  to  $\varnothing 76\text{mm}$ . 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-K-4-668-XX
Lamp :	LED
Beam :	T4
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	10450 lm
Luminaire Lumen :	7340 lm
Lamp Wattage :	52 W
Luminaire Wattage :	62 W
Efficacy :	118 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.40 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.

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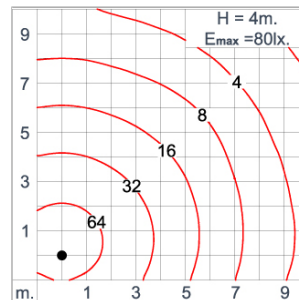
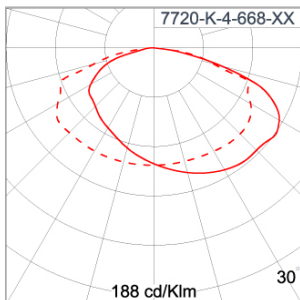


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#### Specification

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. 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	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 HO5RN-F/ HO7RN-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 Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.												
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 5-core cable for power (3x1 sqmm.) and dimming signal (2x1 sqmm.). Equipped with anti-humidity kit.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr><tr><td></td><td>Wooden Brown O7</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6		Wooden Brown O7
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	Graphite O2												
	Dark Grey O3												
	Aluminum Silver O4												
	White O6												
	Wooden Brown O7												

#### Light Distribution



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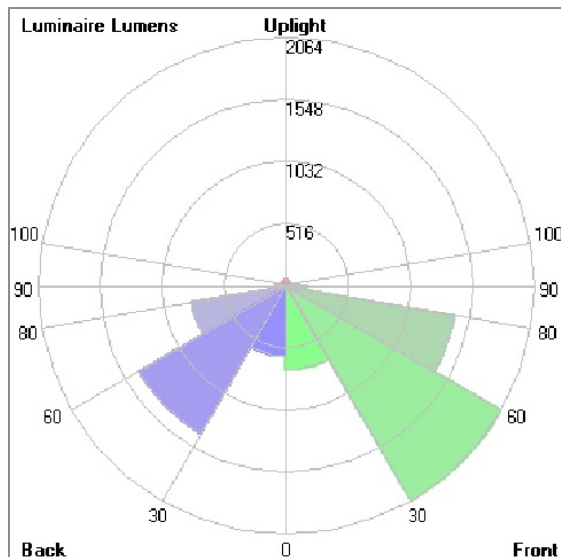
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## Bug Report



## Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	703.4	6.7	9.6
FM	[30-60]	2063.8	19.7	28.1
FH	[60-80]	1423.8	13.6	19.4
FVH	[80-90]	176.7	1.7	2.4
BL	[0-30]	587.3	5.6	8.0
BM	[30-60]	1415.8	13.5	19.3
BH	[60-80]	798.8	7.6	10.9
BVH	[80-90]	90.3	0.9	1.2
UL	[90-100]	35.3	0.3	0.5
UH	[100-180]	44.7	0.4	0.6
Total		7339.9	70.0	100.0
BUG Rating		B2-U2-G2		

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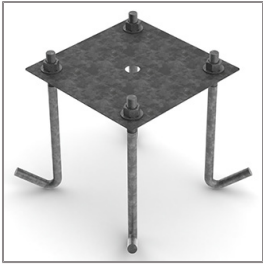
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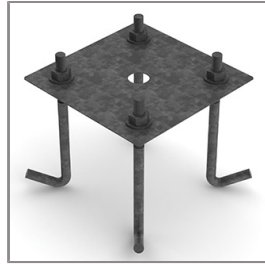
 **Unilamp**

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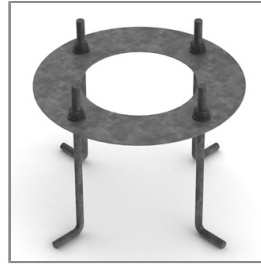
## Accessories



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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