

SE7EN

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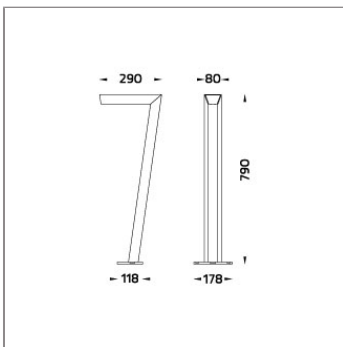
BOLLARD



LAST UPDATE: 14-03-2025



SE7EN, the angular designed bollard installed with high quality LED and manufactured from corrosion resistant extruded aluminium. SE7EN is an architectural piece in itself either on or off. No visible screws, no light spill, pre wired cable with IP68 connection and IP66 lamp compartment SE7EN fulfill all the needs for modern urban scenery. Available in 2700K, 3000K and 4000K in high CRI with exceptional color consistency. SE7EN is a perfect match for contemporary surrounding and can be installed in walkways, parks, commercial areas and open spaces.



Technical Data



Ordering Code :	7170-0-3-560-XX
Lamp :	LED
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	720 lm
Luminaire Lumen :	490 lm
Lamp Wattage :	5.2 W
Luminaire Wattage :	7 W
Efficacy :	70 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	2.20 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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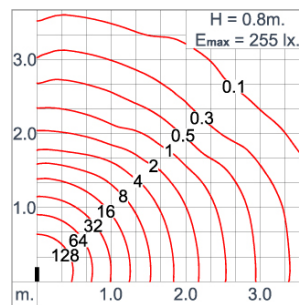
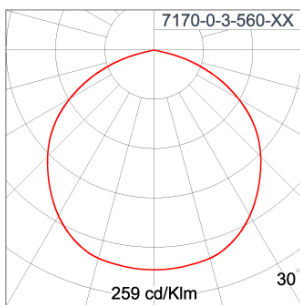


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Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires										
Protection	IP66 Class II										
IK Rating	Protection against mechanical impact IK10 on body and IK07 on optical part.										
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components. Extruded aluminum S6063 alloy body with low copper content.										
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.										
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 weather proof grommet. To be used with H05RN-F / H07RN-F cable with 6-13mm. 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.										
Pre-Wire Cable	Pre-wired with 2x1.0 sqmm. H07RN-F neoprene cable. IMQ approved. Main connection provided with IP68 watertight connecting device for cable diameter 7-12mm with 2.5 sqmm section.										
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></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6
	Black O1										
	Graphite O2										
	Dark Grey O3										
	Aluminum Silver O4										
	White O6										

Light Distribution



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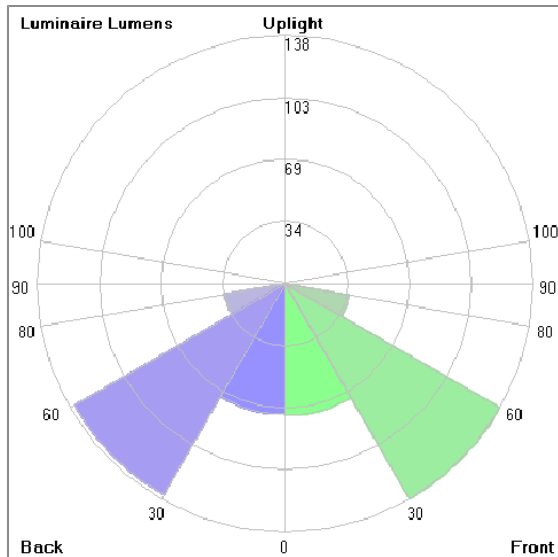
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	73.0	10.1	14.9
FM	[30-60]	137.7	19.1	28.1
FH	[60-80]	36.1	5.0	7.4
FVH	[80-90]	1.0	0.1	0.2
BL	[0-30]	72.4	10.0	14.8
BM	[30-60]	135.0	18.7	27.5
BH	[60-80]	34.1	4.7	7.0
BVH	[80-90]	0.9	0.1	0.2
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		490.2	67.8	100.0
BUG Rating		B0-U1-G0		

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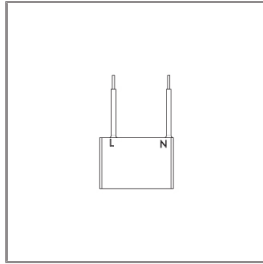


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Accessories



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



Ordering Code:
AUN-SUR-0004-00
Surge protection, 10kV,
On-Off, pre-assembly from
factory