SE7EN

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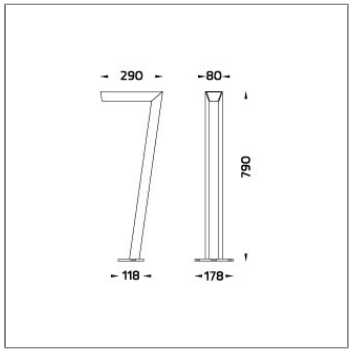
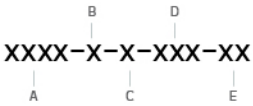
BOLLARD

LAST UPDATE: 08-09-2025

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.



Ordering code guide



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

IK BODY OPTIC Icon definition

Technical Data

IP66 IK 10 08

Ordering Code :	7170-9-3-921-XX
Lamp :	LED
Beam :	Forward Throw
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	750 lm
Luminaire Lumen :	420 lm
Lamp Wattage :	5.2 W
Luminaire Wattage :	7 W
Efficacy :	60 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.

*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

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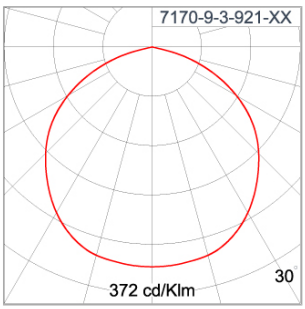
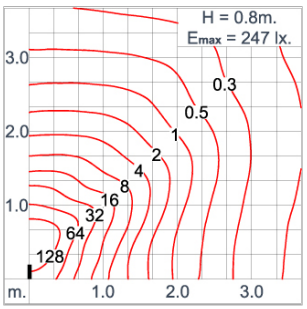
Specification

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 IK08 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. 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	Weather resistant injected prismatic PMMA cover.
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 HO5RN-F/ HO7RN-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. HO7RN-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	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06

Light Distribution





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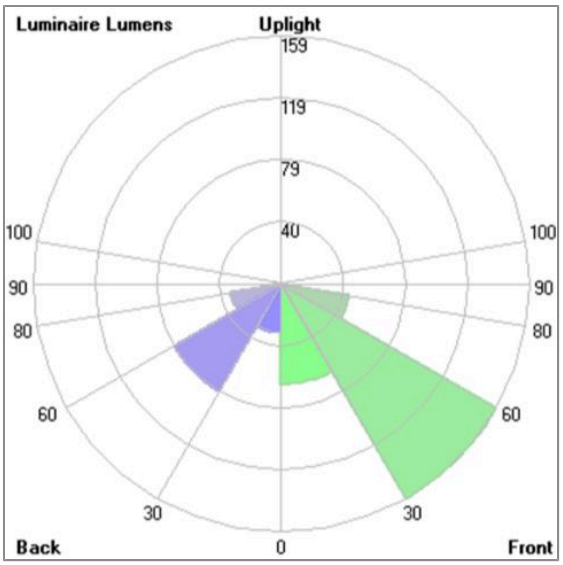
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	(0-30)	64.4	8.6	15.3
FM	(30-60)	158.9	21.2	37.8
FH	(60-80)	44.1	5.9	10.5
FVH	(80-90)	4.0	0.5	0.9
BL	(0-30)	31.3	4.2	7.5
BM	(30-60)	79.5	10.6	18.9
BH	(60-80)	32.6	4.3	7.8
BVH	(80-90)	5.1	0.7	1.2
UL	(90-100)	0.2	0.0	0.0
UH	(100-180)	0.0	0.0	0.0
Total		420.1	56.0	100.0
BUG Rating		B0-U1-G0		

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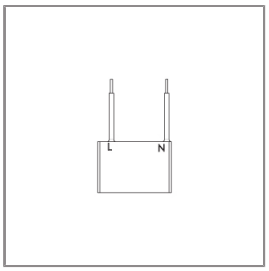
Accessories

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

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