

TOWER

TOWER

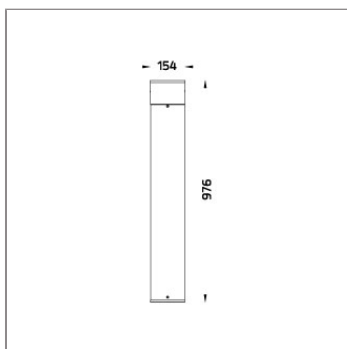
BOLLARD

 **Unilamp**

LAST UPDATE: 13-09-2024



TOWER family is designed with the clean-cut line to provide scenic lighting in modern architectural environment. The Opal diffuser softens the light symmetrically while the clear diffuser with slanted louver limits the glare. The extrusion aluminium body together with high impact resistant Polycarbonate cover protect the luminaire against vandalism and corrosion. High power COB LED is installed inside this luminaire. It is available in three color temperature 2700K, 3000K or 4000K. Retrofit solution for E27 Led lamp is also available. It is suitable to be installed in gardens, pathways, squares and open spaces. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.



Technical Data



Ordering Code :	7153-0-3-873-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1800 lm
Luminaire Lumen :	620 lm
Lamp Wattage :	20 W
Luminaire Wattage :	20 W
Efficacy :	31 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B50 >40,000 h
Controller :	On-Off [AC LED]
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.20 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.

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

TOWER

TOWER BOLLARD

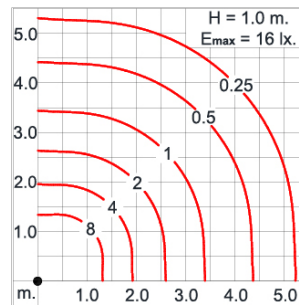
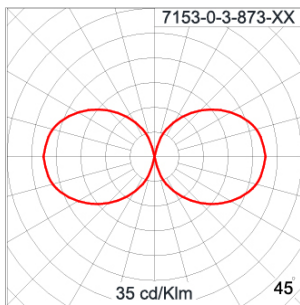


LAST UPDATE: 13-09-2024

Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires												
Protection	IP65 Class I												
IK Rating	Protection against mechanical impact IK09 on body and IK10 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	Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive.												
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 quality AC LED module. 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.												
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 3x0.75 sqmm. HO5RN-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	<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
	Black O1												
	Graphite O2												
	Dark Grey O3												
	Aluminum Silver O4												
	White O6												
	Wooden Brown O7												

Light Distribution



*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

TOWER

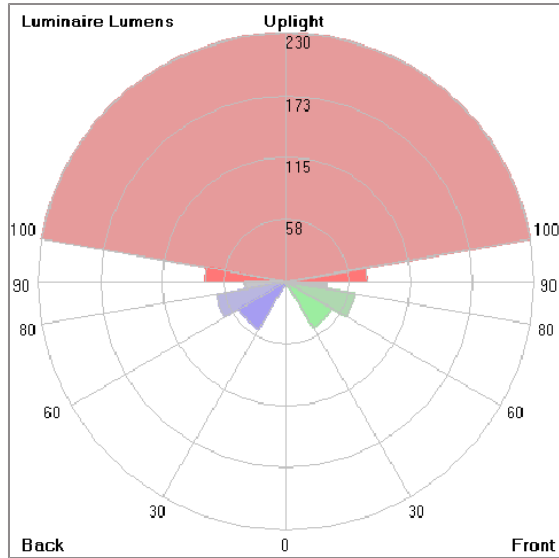
TOWER

BOLLARD



LAST UPDATE: 13-09-2024

Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	5.5	0.3	0.9
FM	[30-60]	49.2	2.7	7.9
FH	[60-80]	64.4	3.6	10.4
FVH	[80-90]	37.2	2.1	6.0
BL	[0-30]	5.3	0.3	0.9
BM	[30-60]	50.4	2.8	8.1
BH	[60-80]	65.9	3.7	10.6
BVH	[80-90]	38.1	2.1	6.1
UL	[90-100]	74.9	4.2	12.1
UH	[100-180]	230.5	12.8	37.1
Total		621.4	34.6	100.0
BUG Rating				BO-U3-G1

*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

TOWER

TOWER

BOLLARD

 **Unilamp**

LAST UPDATE: 13-09-2024

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

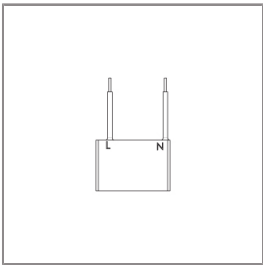
IP68 connection device,
cable diameter 7-11.5mm,
On-Off



Ordering Code:

AUN-ACB-0002-00

Anchor bolt kit, bollard



Ordering Code:

AUN-SUR-0004-00

Surge protection, 10KV,
On-Off, pre-assembly from
factory

*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