

TOWER

TOWER

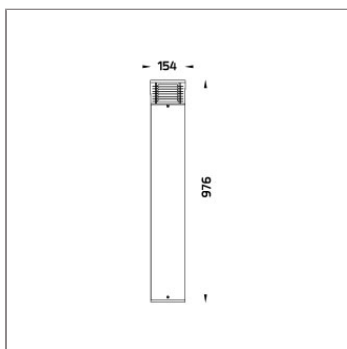
BOLLARD

 **Unilamp**

LAST UPDATE: 17-06-2024



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 :	7152-0-3-887-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3300 lm
Luminaire Lumen :	460 lm
Lamp Wattage :	23 W
Luminaire Wattage :	28 W
Efficacy :	16 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	7.10 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

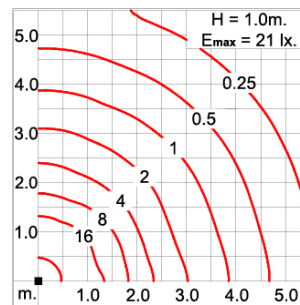
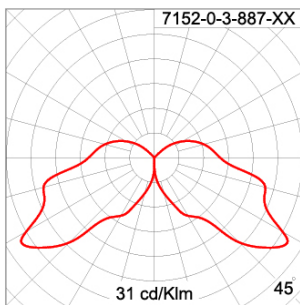


LAST UPDATE: 17-06-2024

Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires
Protection	IP65 Class II
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 56063 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 clear polycarbonate diffuser with UV stabilized additive.
Reflector	Glare shield slanted aluminum louvers.
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 in COB technology. 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.
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.
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	 <ul style="list-style-type: none">Black O1Graphite O2Dark Grey O3Aluminum Silver O4White O6Wooden 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(O)2 943 2420-1, +66(O)2 946 4170-1
Fax : +66(O)2 943 2419
online@unilamp.co.th
www.unilamp.co.th

TOWER

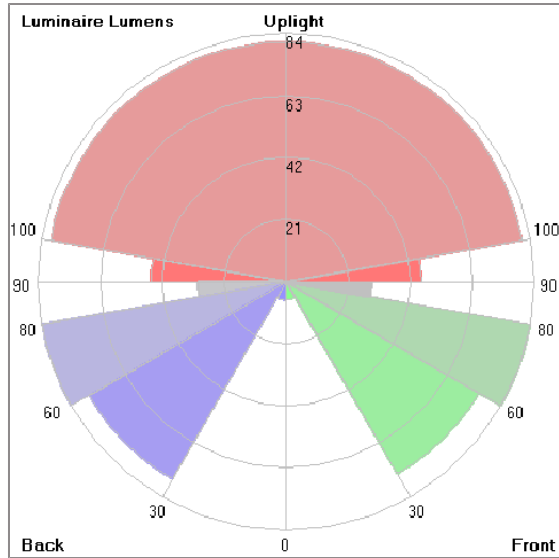
TOWER

BOLLARD



LAST UPDATE: 17-06-2024

Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	6.1	0.2	1.2
FM	[30-60]	75.6	2.3	14.5
FH	[60-80]	84.5	2.6	16.2
FVH	[80-90]	29.1	0.9	5.6
BL	[0-30]	6.3	0.2	1.2
BM	[30-60]	77.5	2.3	14.9
BH	[60-80]	84.4	2.6	16.2
BVH	[80-90]	29.9	0.9	5.7
UL	[90-100]	45.9	1.4	8.8
UH	[100-180]	81.4	2.5	15.6
Total		520.7	15.9	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



LAST UPDATE: 17-06-2024

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

*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