

TOWER

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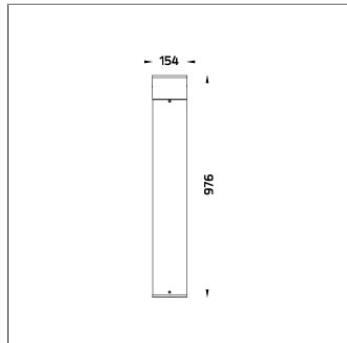
BOLLARD

 **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.



Ordering code guide

XXXX-X-X-XXX-XX

B
D
A C E

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

Technical Data



Ordering Code :	7153-0-2-493-XX
Lamp :	TC-TSE
Socket	E27
CCT :	2700-6500 K
Lamp Lumen :	900 lm
Luminaire Lumen :	900 lm
Lamp Wattage :	15 W
Luminaire Wattage :	15 W
Ambient Temperature :	25°C
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.40 kg.



Icon definition

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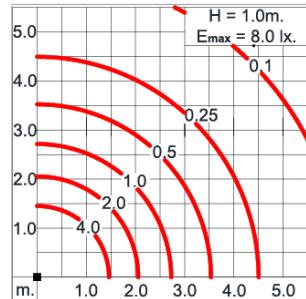
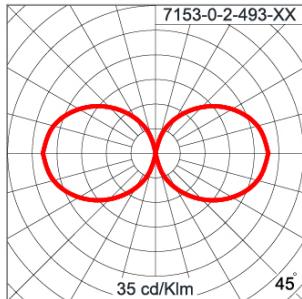
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Specification

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 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.												
Lamp Holder	E27 lampholder in ceramic body. VDE/ ENEC approved.												
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.												
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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Light Distribution



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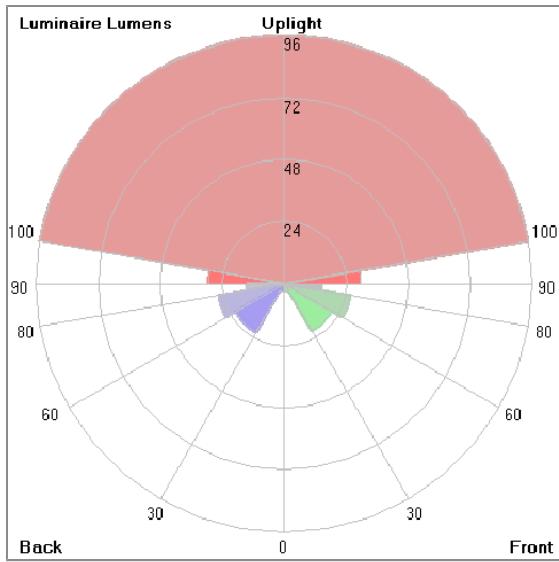
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Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	3.0	0.3	1.2
FM	[30-60]	21.2	2.4	8.3
FH	[60-80]	26.1	2.9	10.2
FVH	[80-90]	14.9	1.7	5.8
BL	[0-30]	3.3	0.4	1.3
BM	[30-60]	21.9	2.4	8.5
BH	[60-80]	26.2	2.9	10.2
BVH	[80-90]	14.8	1.6	5.7
UL	[90-100]	29.5	3.3	11.5
UH	[100-180]	96.2	10.7	37.4
Total		257.1	28.6	100.0
BUG Rating				BO-U3-G1

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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