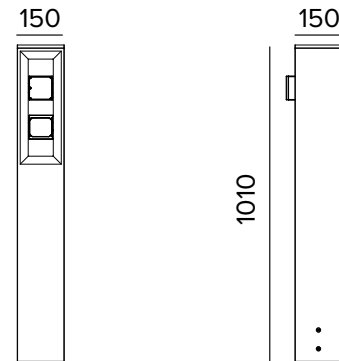


E009SPTUWD8FE | LUCERA Bollard TW

Bollard with professional adjustable Tunable White LED projectors



The fixture's photometric values can be found on the following pages



The figures on the drawing are expressed in mm.

SOURCE

Tunable White board made of high efficiency Ra80 LED Emitters that allow to reach and choose a color temperature between 2700K and 5000K.

Energy efficiency class: F

Nominal power: 2x4,2W

Nominal flux: See photometries

Colour rendering index: 80

Rf: 83

Rg: 97

CCT nominal: See photometries

Lifetime (L80/B10): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

Optical system made of transparent PMMA lens and tempered extra clear front glass with black silk-screen printing. Beam angle: SP.

Optic: LENS

Beam angles: SP

Optical efficiency: 100%

Fixture flux: See photometries

Luminous efficacy: See photometries

Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Bollard in extruded aluminium and a double layer of Ferrite color finish. Die-cast aluminium lighting units. Adjustability of the optical units of 325° on the vertical plane with a +/-20° tilt on the horizontal plane. It is possible to slide the optical units inside the bollard from side to side on the horizontal axis. Locking system through Hex Key.

Colour and finish: Ferrite

Dimensions: H=1010mm

Weight: 15,2Kg

Version: 2X

Degree of protection: IP66

Mechanical Resistance: IK09

ELECTRICAL CHARACTERISTICS

Integrated electronic driver with DALI DT8 interface.

Fixture Power: 2x5W

Power supply: 120-240Vac 50/60Hz

Insulation Class: CLASS 1

Type of driver / Control: DALI DT8

Driver included: YES

Class F: YES

SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light

Ambient temperature: -25°C / +35°C

INSTALLATION

Available in the 1 meter height version. To be completed with a stainless steel anchoring system, available in two versions with hidden plate or surface plate for installation with dowels. To both systems it is possible to apply stainless steel rods for installation in concrete.

NOTES

Uses the "Waterblock Plus" technical solution that involves resin coating the connection cables and completely resin coating the integrated driver limiting the risk of humidity reaching the fixture. It is possible to subject the product to Cataphoresis treatment on request. 110-277Vac version available on request. The photometries refer to individual projectors.

WARRANTY

5 years.

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.

Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

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5000K		H(m)	D(m)	Emax(lx)	
Ra80			18°		
Fixture Power	5W	1	0.32	3096	
Source Flux	373lm	2	0.64	774	
Fixture Flux	373lm	3	0.95	344	
Efficacy	78lm/W	4	1.27	193	
TS1827	I _{max} =8299cd/klm	I _{max}	3096cd	5	1.59



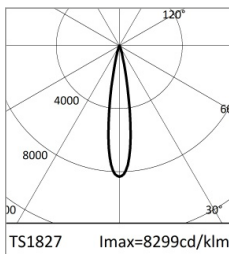
3850K		H(m)	D(m)	Emax(lx)	
Ra80			18°		
Fixture Power	5W	1	0.32	3004	
Source Flux	362lm	2	0.64	751	
Fixture Flux	362lm	3	0.95	334	
Efficacy	75lm/W	4	1.27	188	
TS1827	I _{max} =8299cd/klm	I _{max}	3004cd	5	1.59

CW

CCT nominal	5000K
Nominal flux	2x373lm
Fixture flux	2x373lm
Luminous efficacy	78lm/W

NW

CCT nominal	3850K
Nominal flux	2x362lm
Fixture flux	2x362lm
Luminous efficacy	75lm/W



2700K		H(m)	D(m)	Emax(lx)	
Ra80			18°		
Fixture Power	5W	1	0.32	2382	
Source Flux	287lm	2	0.64	595	
Fixture Flux	287lm	3	0.95	265	
Efficacy	60lm/W	4	1.27	149	
TS1827	I _{max} =8299cd/klm	I _{max}	2382cd	5	1.59

WW

CCT nominal	2700K
Nominal flux	2x287lm
Fixture flux	2x287lm
Luminous efficacy	60lm/W

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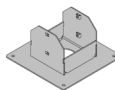
Related codes

Mounting System



Colour	Code
	A012AFE

Hidden fixing plate.
Powder coated stainless steel.



Colour	Code
	A012CFE

Fixing plate with flange.
Powder coated stainless steel.

Accessories

Mounting System



Code
A012B

Fixing rods for stainless steel fixing plate.

Screen



Colour	Code
	A011AFE

Symmetric screen.
Powder coated stainless steel.

Grid



Colour	Code
	A011BFE

Anti-glare louver.
Powder coated stainless steel.

Screen



Colour	Code
	A011CFE

Asymmetric screen.
Powder coated stainless steel.

Holder Ring



Colour	Code
	A011DFE

Holder ring.
Powder coated aluminium.

Filter



Code
A011E

Blade of light filter.
To be completed with holder ring.

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