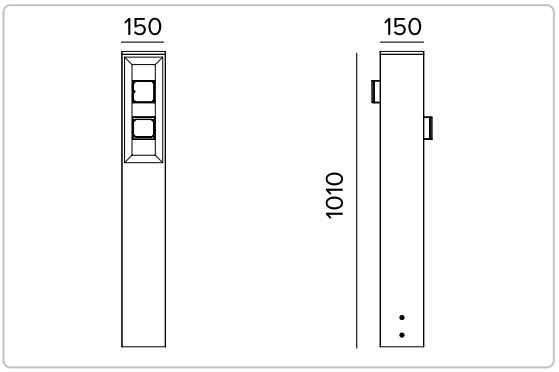
BOLLARDS

Lucera Bollard TW

Code
E009MFTUWD8FE

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700-5000K 80	MWFL 46°	4.8W 249-323lm

POWER SUPPLY CONTROL	COLOUR
120-240Vac DALI DT8	



The figures on the drawing are expressed in mm.

15.2 IP66 IK09 CE

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

Technical Data

Concept

Bollard with professional adjustable Tunable White LED projectors.

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

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

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.

Technical Data

Illuminotechnical characteristics

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

Optic	MWFL
Beam angles	MWFL
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	AxBxH 150x150x1010mm
Weight	15.2Kg
Version	2X
Degree of protection	IP66
Mechanical Resistance	IK09

Electrical characteristics

Integrated electronic driver with DALI DT8 interface.	
Fixture Power	2x4.8W
Power supply	120-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI DT8
Driver included	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 photometrics refer to individual projectors.

Regulations and Certifications

CE

Technical Data

Warranty

5 years.

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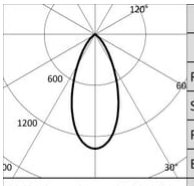
Photometries

WW

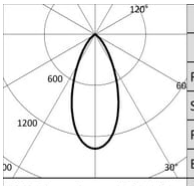
CCT nominal	2700K
Nominal flux	2x249lm
Fixture flux	2x249lm
Luminous efficacy	52lm/W



	2700K		H(m)	D(m)	Emax(lx)
	Ra80			46°	
Fixture Power	5W	1		0.86	334
Source Flux	249lm	2		1.71	83
Fixture Flux	249lm	3		2.57	37
Efficacy	52lm/W	4		3.42	21
TS1830 Imax=1341cd/klm	Imax	334cd	5	4.28	13

NW

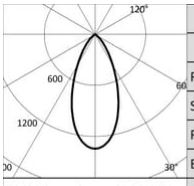
CCT nominal	3850K
Nominal flux	2x315lm
Fixture flux	2x315lm
Luminous efficacy	66lm/W



	3850K		H(m)	D(m)	Emax(lx)
	Ra80			46°	
Fixture Power	5W	1		0.86	422
Source Flux	315lm	2		1.71	106
Fixture Flux	315lm	3		2.57	47
Efficacy	66lm/W	4		3.42	26
TS1830 Imax=1341cd/klm	Imax	422cd	5	4.28	17

CW

CCT nominal	5000K
Nominal flux	2x323lm
Fixture flux	2x323lm
Luminous efficacy	67lm/W



	5000K		H(m)	D(m)	Emax(lx)
	Ra80			46°	
Fixture Power	5W	1		0.86	433
Source Flux	323lm	2		1.71	108
Fixture Flux	323lm	3		2.57	48
Efficacy	67lm/W	4		3.42	27
TS1830 Imax=1341cd/klm	Imax	433cd	5	4.28	17

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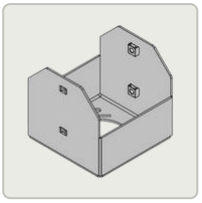
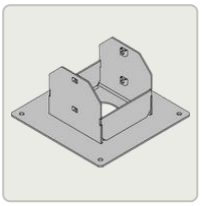
Related codes

Mounting System



CODE	COLOUR
A012AFE	

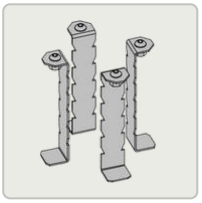
Hidden fixing plate.
Powder coated stainless steel.



CODE	COLOUR
A012CFE	

Fixing plate with flange.
Powder coated stainless steel.

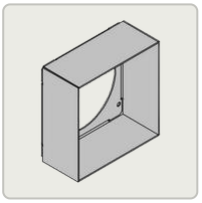
Accessories



CODE
A012B

Fixing rods for stainless steel fixing plate.

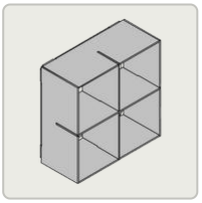
Screen



CODE	COLOUR
A011AFE	

Symmetric screen.
Powder coated stainless steel.

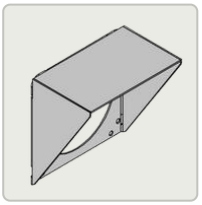
Grid



CODE	COLOUR
A011BFE	

Anti-glare louver.
Powder coated stainless steel.

Screen



CODE	COLOUR
A011CFE	

Asymmetric screen.
Powder coated stainless steel.

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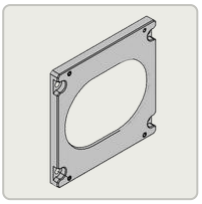
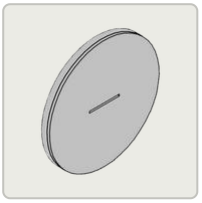
Holder Ring



CODE	COLOUR
A011DFE	

Holder ring.
Powder coated aluminium.

Filter



CODE
A011E

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

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