

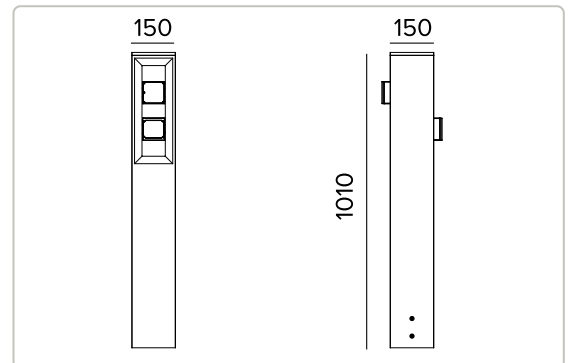
## BOLLARDS

## Lucera Bollard TW

Code

E009SPTUWD8FE

| LIGHT COLOUR           | LIGHT DISTRIBUTION                                                                | OUTPUT            |
|------------------------|-----------------------------------------------------------------------------------|-------------------|
| 2700-5000K<br>80       | SP<br>18°                                                                         | 4.8W<br>287-373lm |
| POWER SUPPLY CONTROL   | COLOUR                                                                            |                   |
| 120-240Vac<br>DALI DT8 |  |                   |



The figures on the drawing are expressed in mm.

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

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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: SP.

|                        |                                   |
|------------------------|-----------------------------------|
| Optic                  | SP                                |
| 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            | 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 photometries refer to individual projectors.

### Warranty

5 years.

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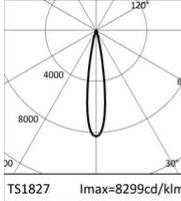
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Photometries

WW

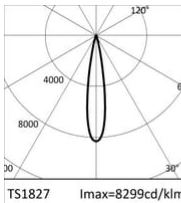
|                   |         |
|-------------------|---------|
| CCT nominal       | 2700K   |
| Nominal flux      | 2x287lm |
| Fixture flux      | 2x287lm |
| Luminous efficacy | 60lm/W  |



|               |                              |                  |                       |
|---------------|------------------------------|------------------|-----------------------|
| 2700K         | H(m)                         | D(m)             | E <sub>max</sub> (lx) |
| Ra80          |                              | 18°              |                       |
| Fixture Power | 5W                           | 1                | 0.32                  |
| Source Flux   | 287lm                        | 2                | 0.64                  |
| Fixture Flux  | 287lm                        | 3                | 0.95                  |
| Efficacy      | 60lm/W                       | 4                | 1.27                  |
| TS1827        | I <sub>max</sub> =8299cd/klm | I <sub>max</sub> | 2382cd                |
|               |                              | 5                | 1.59                  |

NW

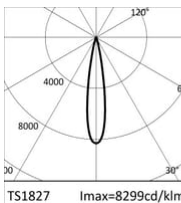
|                   |         |
|-------------------|---------|
| CCT nominal       | 3850K   |
| Nominal flux      | 2x362lm |
| Fixture flux      | 2x362lm |
| Luminous efficacy | 75lm/W  |



|               |                              |                  |                       |
|---------------|------------------------------|------------------|-----------------------|
| 3850K         | H(m)                         | D(m)             | E <sub>max</sub> (lx) |
| Ra80          |                              | 18°              |                       |
| Fixture Power | 5W                           | 1                | 0.32                  |
| Source Flux   | 362lm                        | 2                | 0.64                  |
| Fixture Flux  | 362lm                        | 3                | 0.95                  |
| Efficacy      | 75lm/W                       | 4                | 1.27                  |
| TS1827        | I <sub>max</sub> =8299cd/klm | I <sub>max</sub> | 3004cd                |
|               |                              | 5                | 1.59                  |

CW

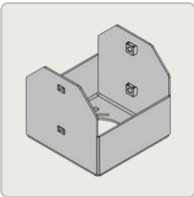
|                   |         |
|-------------------|---------|
| CCT nominal       | 5000K   |
| Nominal flux      | 2x373lm |
| Fixture flux      | 2x373lm |
| Luminous efficacy | 78lm/W  |



|               |                              |                  |                       |
|---------------|------------------------------|------------------|-----------------------|
| 5000K         | H(m)                         | D(m)             | E <sub>max</sub> (lx) |
| Ra80          |                              | 18°              |                       |
| Fixture Power | 5W                           | 1                | 0.32                  |
| Source Flux   | 373lm                        | 2                | 0.64                  |
| Fixture Flux  | 373lm                        | 3                | 0.95                  |
| Efficacy      | 78lm/W                       | 4                | 1.27                  |
| TS1827        | I <sub>max</sub> =8299cd/klm | I <sub>max</sub> | 3096cd                |
|               |                              | 5                | 1.59                  |

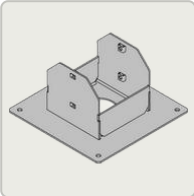
Related codes

Mounting System



| CODE    | COLOUR                                                                            |
|---------|-----------------------------------------------------------------------------------|
| A012AFE |  |

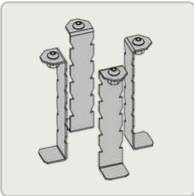
Hidden fixing plate.  
Powder coated stainless steel.



| CODE    | COLOUR                                                                            |
|---------|-----------------------------------------------------------------------------------|
| A012CFE |  |

Fixing plate with flange.  
Powder coated stainless steel.

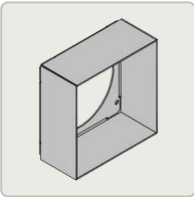
Accessories



| CODE  |
|-------|
| A012B |

Fixing rods for stainless steel fixing plate.

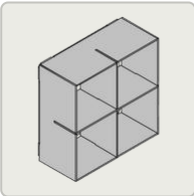
Screen



| CODE    | COLOUR                                                                              |
|---------|-------------------------------------------------------------------------------------|
| A011AFE |  |

Symmetric screen.  
Powder coated stainless steel.

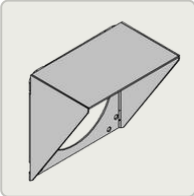
Grid



| CODE    | COLOUR                                                                              |
|---------|-------------------------------------------------------------------------------------|
| A011BFE |  |

Anti-glare louver.  
Powder coated stainless steel.

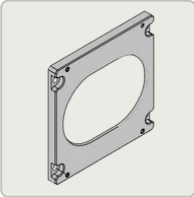
Screen



| CODE    | COLOUR                                                                              |
|---------|-------------------------------------------------------------------------------------|
| A011CFE |  |

Asymmetric screen.  
Powder coated stainless steel.

Holder Ring



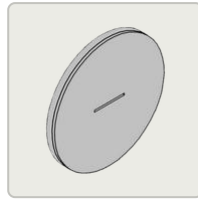
| CODE    | COLOUR                                                                              |
|---------|-------------------------------------------------------------------------------------|
| A011DFE |  |

Holder ring.  
Powder coated aluminium.

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**Accessories****Filter****CODE****A011E**Blade of light filter.  
To be completed with holder ring.