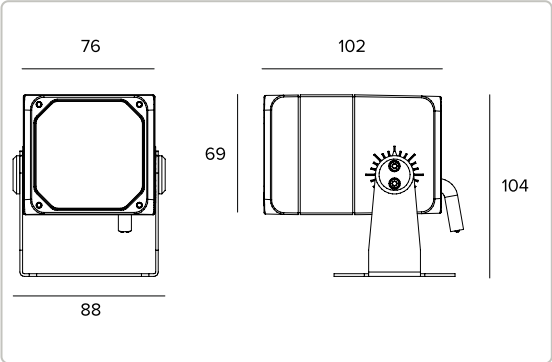


PROJECTORS

# Dart Small Integrated driver

Code  
1E3923EL

| LIGHT COLOUR         | LIGHT DISTRIBUTION                                                                | OUTPUT          |
|----------------------|-----------------------------------------------------------------------------------|-----------------|
| 4000K<br>80          | SP<br>17°                                                                         | 14.5W<br>1287lm |
| POWER SUPPLY CONTROL | COLOUR                                                                            |                 |
| 220-240Vac<br>ON-OFF |  |                 |



The figures on the drawing are expressed in mm.

|  |               |                              |                  |                       |       |      |
|--|---------------|------------------------------|------------------|-----------------------|-------|------|
|  | 4000K         | H(m)                         | D(m)             | E <sub>max</sub> (lx) |       |      |
|  | Ra80          |                              | 17°              |                       |       |      |
|  | Fixture Power | 15W                          | 1                | 0.30                  | 10716 |      |
|  | Source Flux   | 1828lm                       | 2                | 0.61                  | 2679  |      |
|  | Fixture Flux  | 1287lm                       | 3                | 0.91                  | 1191  |      |
|  | Efficacy      | 89lm/W                       | 4                | 1.21                  | 670   |      |
|  | TS1509        | I <sub>max</sub> =5862cd/klm | I <sub>max</sub> | 10716cd               | 5     | 1.52 |

## Technical Data

## Concept

Professional adjustable LED projector.

## Source

High efficiency Chip on Board LED Ra80.

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | D               |
| Nominal power           | 13W             |
| Nominal flux            | 1828lm          |
| Colour rendering index  | 80              |
| R <sub>f</sub>          | 81              |
| R <sub>g</sub>          | 97              |
| CCT nominal             | 4000K           |
| SDCM                    | 2               |
| Lifetime (L80/B10)      | 56000h tq +25°C |
| Lifetime (L90/B10)      | 56000h tq +25°C |

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

Equipped with methacrylate lenses.

|                        |                                   |
|------------------------|-----------------------------------|
| Optic                  | SP                                |
| Beam angles            | SP                                |
| Optical efficiency     | 70.42%                            |
| Fixture flux           | 1287lm                            |
| Luminous efficacy      | 89lm/W                            |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Painted die-cast anodised aluminium body and painted stainless steel mounting bracket.  $\pm 20^\circ$  rotation on the horizontal plane and 0-180° on the vertical plane.

|                       |                   |
|-----------------------|-------------------|
| Colour and finish     | Ferrite           |
| Dimensions            | AxBxH 76x69x103mm |
| Weight                | 1.04Kg            |
| Degree of protection  | IP66              |
| Mechanical Resistance | IK10              |

### Electrical characteristics

Integrated electronic power supply. Pre-cabled with a 1.5m H07RN-F cable. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC.

|                          |                    |
|--------------------------|--------------------|
| Fixture Power            | 14.5W              |
| Power supply             | 220-240Vac 50/60Hz |
| Insulation Class         | CLASS 2            |
| Type of driver / Control | ON-OFF             |
| Driver included          | YES                |
| Ambient temperature      | -25°C / +35°C      |

### Installation

Mounting bracket with aiming adjustability.

### Notes

Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. It is possible to subject the product to Cataphoresis treatment on request. 110-277Vac version available on request.

### Warranty

5 years.

### Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

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## Accessories

## Filter



| CODE   | Ø    |
|--------|------|
| 1E3012 | 53mm |

Blade of light filter.  
PMMA holographic filter for a blade of light effect.  
To be completed with a dedicated holder ring.

## Grid



| CODE   | COLOUR |
|--------|--------|
| 1E3014 |        |

Anti-glare louver.  
The central elements may be removed to obtain two different levels of glare control.  
Powder coated stainless steel.

## Screen



| CODE   | COLOUR |
|--------|--------|
| 1E3013 |        |

Asymmetric screen.  
Powder coated stainless steel.

## Mounting System



| CODE   | COLOUR |
|--------|--------|
| 1E3015 |        |

Plate for fixture rotation.  
Powder coated stainless steel.



| CODE   | COLOUR | ØXH      |
|--------|--------|----------|
| 1E3016 |        | 70x182mm |

Earthspike.  
Powder coated stainless steel.

## Holder Ring



| CODE   | COLOUR | L    |
|--------|--------|------|
| 1E3011 |        | 66mm |

Holder ring.  
Powder coated stainless steel.

## Accessories

### Connector

**CODE****1E2769**

Linear connection box IP66/IP68.  
5 poles max. wire section 1.5mm<sup>2</sup>.  
Cable diameter range from 7 to 12mm.

### Surge protector

**CODE****A013B**

Surge protector compatible with CLASS II lighting fixtures and electronic drivers.  
Operating voltage 220-240Vac.  
SPD type 2+3.  
Max surge protection 10kV.  
CLASS II  
IP67

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