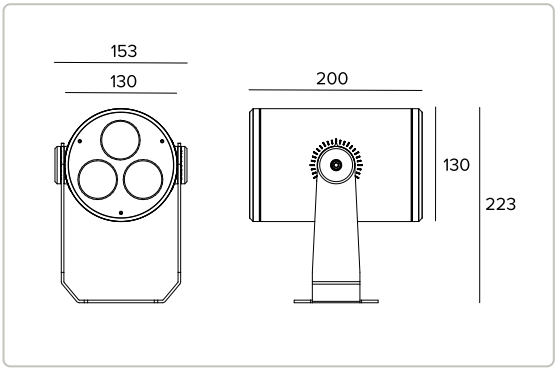
PROJECTORS

# Dart Round Medium RGBW

**Code**
**1E4050**

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| RGBW | FL<br>29° | 32.8W<br>1080lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 850mA | |




The figures on the drawing are expressed in mm.

3.35 IP66 IK10 1.5M

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

## Technical Data

### Concept

Professional adjustable LED projector.

### Source

RGBW light module made of RGBW LED multichip. Color temperature of the white source: 6500K.

| | |
|---|---|
| Energy efficiency class | F |
| Nominal power | 33W |
| Nominal flux | See photometries |
| Colour rendering index | |
| 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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We reserve the right to make technical changes.

## Technical Data

### Illuminotechnical characteristics

Equipped with precision methacrylate lenses and spreader filter.

| | |
|---|---|
| Optic | FL |
| Beam angles | FL |
| Optical efficiency | 68.92% |
| Fixture flux | See photometries |
| Luminous efficacy | See photometries |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Painted die-cast anodised aluminium body and painted stainless steel mounting bracket. Tempered extra clear front glass.

| | |
|---|---|
| Colour and finish | Ferrite |
| Dimensions | ØxH 130x200mm |
| Weight | 3.35Kg |
| Degree of protection | IP66 |
| Mechanical Resistance | IK10 |

### Electrical characteristics

Remote DMX-RDM electronic driver with 4 independent constant current outputs. The driver is housed inside an IP68 box and allows to control 1 fixture. Controlled using DMX-RDM protocols that make it possible to programme the fixture remotely (no dip-switch) using the DMX data line. Programming the fixtures is done using the USB-RDM programmer that is available as an accessory. All versions are pre-wired with a 1.5m long 8-pole feeding cable (to be connected to the IP68 driver box).

| | |
|---|---|
| Fixture Power | See photometries |
| Power supply | 850mA |
| Insulation Class | CLASS 3 |
| Driver included | NO |
| Ambient temperature | -25°C / +35°C |

### Installation

Mounting bracket with aiming adjustability. Adjustable up to ±45° on the horizontal pane and +90°/-45° on the vertical plane.

### 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. Photometrics show the maximum emission values of fixtures. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### Warranty

5 years.

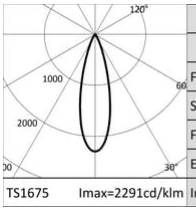
### Warning

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

# Photometries

## RGBW

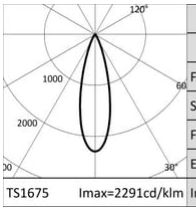
| | |
|---|---|
| **Fixture Power** | 32.8W |
| **Nominal flux** | 1567lm |
| **Fixture flux** | 1080lm |
| **Luminous efficacy** | 33lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 33W | 1 | 0.51 | 3590 |
| Source Flux | 1567lm | 2 | 1.02 | 898 |
| Fixture Flux | 1080lm | 3 | 1.53 | 399 |
| Efficacy | 33lm/W | 4 | 2.04 | 224 |
| Imax | 3590cd | 5 | 2.55 | 144 |

## RGB

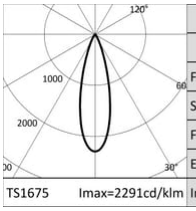
| | |
|---|---|
| **Fixture Power** | 24.9W |
| **Nominal flux** | 814lm |
| **Fixture flux** | 561lm |
| **Luminous efficacy** | 23lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 25W | 1 | 0.51 | 1865 |
| Source Flux | 814lm | 2 | 1.02 | 466 |
| Fixture Flux | 561lm | 3 | 1.53 | 207 |
| Efficacy | 23lm/W | 4 | 2.04 | 117 |
| Imax | 1865cd | 5 | 2.55 | 75 |

## WHITE

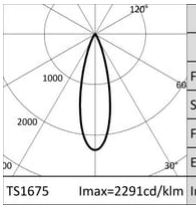
| | |
|---|---|
| **CCT nominal** | 6500K |
| **Fixture Power** | 8.6W |
| **Nominal flux** | 860lm |
| **Fixture flux** | 593lm |
| **Luminous efficacy** | 69lm/W |




| 6500K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 9W | 1 | 0.51 | 1970 |
| Source Flux | 860lm | 2 | 1.02 | 493 |
| Fixture Flux | 593lm | 3 | 1.53 | 219 |
| Efficacy | 69lm/W | 4 | 2.04 | 123 |
| Imax | 1970cd | 5 | 2.55 | 79 |

## RED

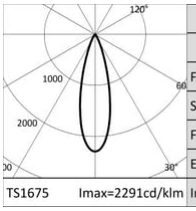
| | |
|---|---|
| **Fixture Power** | 6.5W |
| **Nominal flux** | 318lm |
| **Fixture flux** | 219lm |
| **Luminous efficacy** | 34lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 7W | 1 | 0.51 | 729 |
| Source Flux | 318lm | 2 | 1.02 | 182 |
| Fixture Flux | 219lm | 3 | 1.53 | 81 |
| Efficacy | 34lm/W | 4 | 2.04 | 46 |
| Imax | 729cd | 5 | 2.55 | 29 |

## GREEN

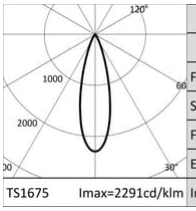
| | |
|---|---|
| **Fixture Power** | 10W |
| **Nominal flux** | 573lm |
| **Fixture flux** | 395lm |
| **Luminous efficacy** | 39lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 10W | 1 | 0.51 | 1313 |
| Source Flux | 573lm | 2 | 1.02 | 328 |
| Fixture Flux | 395lm | 3 | 1.53 | 146 |
| Efficacy | 39lm/W | 4 | 2.04 | 82 |
| Imax | 1313cd | 5 | 2.55 | 53 |

## BLUE

| | |
|---|---|
| **Fixture Power** | 8.8W |
| **Nominal flux** | 112lm |
| **Fixture flux** | 77lm |
| **Luminous efficacy** | 9lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 29° | |
| Fixture Power | 9W | 1 | 0.51 | 257 |
| Source Flux | 112lm | 2 | 1.02 | 64 |
| Fixture Flux | 77lm | 3 | 1.53 | 29 |
| Efficacy | 9lm/W | 4 | 2.04 | 16 |
| Imax | 257cd | 5 | 2.55 | 10 |

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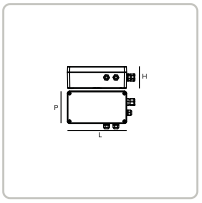
## Related codes

### Power Supply

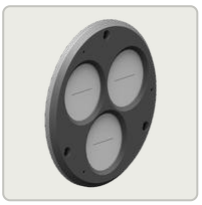


| CODE |
| --- |
| 1E3883 |

DMX 4 channel driver - 850mA.
50W, LxHxP=220x80x120mm, 120-277Vac.
IP68 gray powder coated aluminum box.

## Accessories

### Filter



| CODE | COLOUR |
| --- | --- |
| 1E4263 | |

Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.

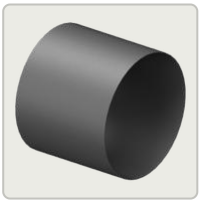
### Screen

| CODE | COLOUR |
| --- | --- |
| 1E4007 | |

Asymmetric screen.
Powder coated stainless steel.

| CODE | COLOUR |
| --- | --- |
| 1E4008 | |

Cylindrical screen.
Powder coated stainless steel.
Short version.



| CODE | COLOUR |
| --- | --- |
| 1E4058 | |

Cylindrical screen.
Powder coated stainless steel.
Long version.

### Mounting System

| CODE | COLOUR |
| --- | --- |
| 1E3026 | |

Plate for fixture rotation.
Powder coated stainless steel.

| CODE | COLOUR | ØXH |
| --- | --- | --- |
| 1E3028 | | 96x182mm |

Earthspike.
Powder coated stainless steel.

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| CODE | COLOUR |
|---|---|
| 1E2825 | |

Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

| CODE | COLOUR |
|---|---|
| 1E3027 | |

Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

## Control systems

CODE

1E2767

USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.
Please refer to the instructions for more details.

CODE

A077

my-SCENARIO Show Store.
Programmable DMX interface that integrates the latest innovations in lighting control in architectural and entertainment applications.
It features USB Type-C and Ethernet ports for programming and remote control.
The unit can be fully programmed with ESA Pro 2 software (available for Windows and Mac users) or via mobile applications such as Arcolis (available for iOS or Android devices).
It can be fully customised: pixel mapping, triggering management, patch configuration and much more.
The system offers great possibilities for the control of your lighting installation: multi zone control (allowing the management of up to 5 indipendent zones), extended triggers (time/date, Sunrise/Sunset, input ports, TCP/UDP commands), 16-bit channels management, full recovery after power loss, up to 99 total scenes, and 1024+ DMX channels.
The intuitive backlit keyboard comes with 10 preset buttons for a user friendly experience.

CODE

1T6499

myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
USB cable included.
To be used with all RGBW products.



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