PROJECTORS

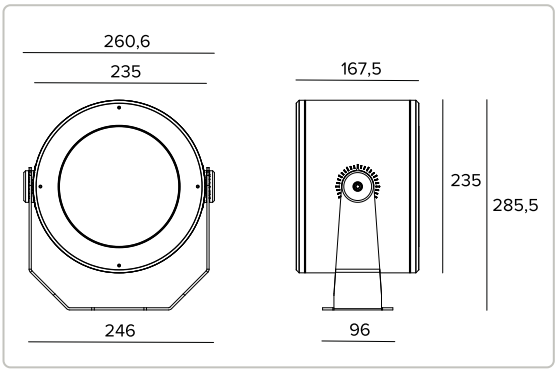
# Dart Round Maxi RGBW



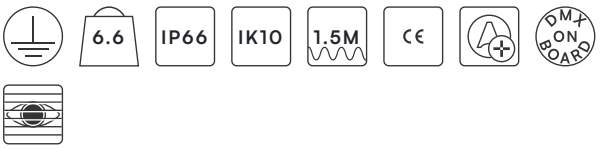
**Code**
**1E4054**

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| RGBW | MWFL<br>44° | 49.8W<br>1868lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 220-240Vac<br>DMX RDM | |




**The figures on the drawing are expressed in mm.**




**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 | 45W |
| Nominal flux | See photometries |
| Colour rendering index | See photometries |
| 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

Equipped with precision methacrylate lenses and spreader filter.

| | |
|---|---|
| Optic | MWFL |
| Beam angles | MWFL |
| Optical efficiency | 67.84% |
| 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 235x168mm |
| Weight | 6.6Kg |
| Degree of protection | IP66 |
| Mechanical Resistance | IK10 |

### Electrical characteristics

Electronic DMX-RDM driver integrated in the body of the fixture with 4 independent constant current outputs. 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 cable for power supply and DMX signal. 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 | See photometries |
| Power supply | 220-240Vac 50/60Hz |
| Insulation Class | CLASS 1 |
| Type of driver / Control | DMX RDM |
| 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

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. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### Regulations and Certifications

CE

## Technical Data

### 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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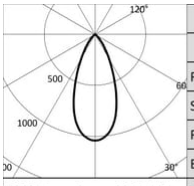
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# Photometries

## RGBW

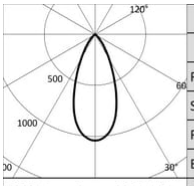
| | |
|---|---|
| **Fixture Power** | 49.8W |
| **Nominal flux** | 2753lm |
| **Fixture flux** | 1868lm |
| **Luminous efficacy** | 38lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 44° | |
| Fixture Power | 50W | 1 | 0.81 | 2858 |
| Source Flux | 2753lm | 2 | 1.63 | 714 |
| Fixture Flux | 1868lm | 3 | 2.44 | 318 |
| Efficacy | 38lm/W | 4 | 3.25 | 179 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 114 |

## RGB

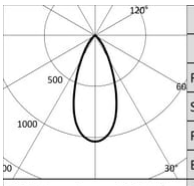
| | |
|---|---|
| **Fixture Power** | 36.5W |
| **Nominal flux** | 1512lm |
| **Fixture flux** | 1026lm |
| **Luminous efficacy** | 28lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 44° | |
| Fixture Power | 37W | 1 | 0.81 | 1570 |
| Source Flux | 1512lm | 2 | 1.63 | 392 |
| Fixture Flux | 1026lm | 3 | 2.44 | 174 |
| Efficacy | 28lm/W | 4 | 3.25 | 98 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 63 |

## WHITE

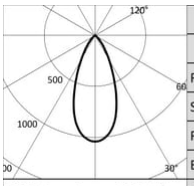
| | |
|---|---|
| **CCT nominal** | 6500K |
| **Colour rendering index** | 80 |
| **Fixture Power** | 13.3W |
| **Nominal flux** | 1328lm |
| **Fixture flux** | 901lm |
| **Luminous efficacy** | 68lm/W |




| 6500K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra80 | | | 44° | |
| Fixture Power | 13W | 1 | 0.81 | 1379 |
| Source Flux | 1328lm | 2 | 1.63 | 345 |
| Fixture Flux | 901lm | 3 | 2.44 | 153 |
| Efficacy | 68lm/W | 4 | 3.25 | 86 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 55 |

## RED

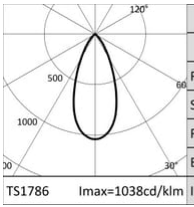
| | |
|---|---|
| **Fixture Power** | 9.4W |
| **Nominal flux** | 451lm |
| **Fixture flux** | 306lm |
| **Luminous efficacy** | 33lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 44° | |
| Fixture Power | 9W | 1 | 0.81 | 468 |
| Source Flux | 451lm | 2 | 1.63 | 117 |
| Fixture Flux | 306lm | 3 | 2.44 | 52 |
| Efficacy | 33lm/W | 4 | 3.25 | 29 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 19 |

## GREEN

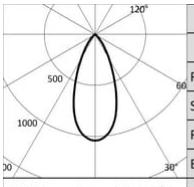
| | |
|---|---|
| **Fixture Power** | 14.9W |
| **Nominal flux** | 1003lm |
| **Fixture flux** | 680lm |
| **Luminous efficacy** | 46lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 44° | |
| Fixture Power | 15W | 1 | 0.81 | 1041 |
| Source Flux | 1003lm | 2 | 1.63 | 260 |
| Fixture Flux | 680lm | 3 | 2.44 | 116 |
| Efficacy | 46lm/W | 4 | 3.25 | 65 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 42 |

## BLUE

| | |
|---|---|
| **Fixture Power** | 12.1W |
| **Nominal flux** | 164lm |
| **Fixture flux** | 111lm |
| **Luminous efficacy** | 9lm/W |




| - | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| - | | | 44° | |
| Fixture Power | 12W | 1 | 0.81 | 170 |
| Source Flux | 164lm | 2 | 1.63 | 43 |
| Fixture Flux | 111lm | 3 | 2.44 | 19 |
| Efficacy | 9lm/W | 4 | 3.25 | 11 |
| TS1786 Imax=1038cd/klm | Imax | 5 | 4.07 | 7 |

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## Accessories

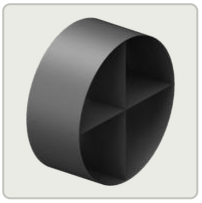
### Filter



| CODE | COLOUR |
|---|---|
| 1E4010 | |

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

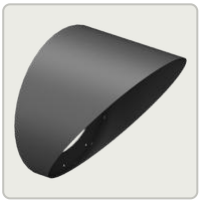
### Grid



| CODE | COLOUR |
|---|---|
| 1E4013 | |

Anti-glare louver.
Powder coated stainless steel.

### Screen



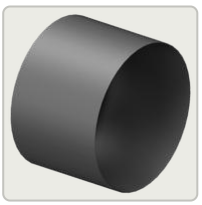
| CODE | COLOUR |
|---|---|
| 1E4011 | |

Asymmetric screen.
Powder coated stainless steel.



| CODE | COLOUR |
|---|---|
| 1E4012 | |

Cylindrical screen.
Powder coated stainless steel.
Short version.



| CODE | COLOUR |
|---|---|
| 1E4059 | |

Cylindrical screen.
Powder coated stainless steel.
Long version.

### Mounting System



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

Plate for fixture rotation.
Powder coated stainless steel.



| CODE | COLOUR | ØXH |
|---|---|---|
| 1E3188 | | 150x352mm |

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 |
|---|---|
| 1E3097 | |

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



| CODE | COLOUR |
|---|---|
| 1E3187 | |

Pole with base.
Powder coated stainless steel.

## 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.



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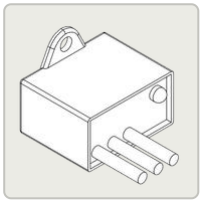


**CODE**

**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.

## Surge protector



**CODE**

**A013A**

Surge protector compatible with CLASS I lighting fixtures.
Operating voltage 230-277Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS I
IP67

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