

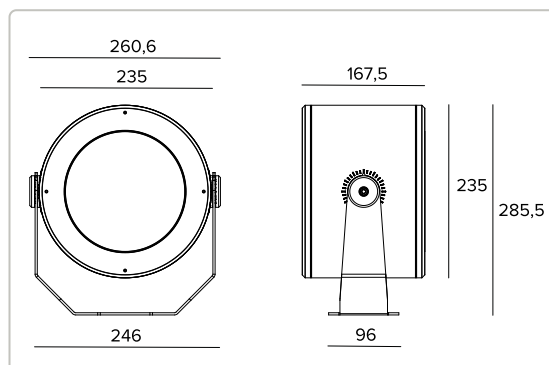
PROJECTORS

Dart Round Maxi TW

Code

1E4045DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700-5000K 80	MWFL 46°	33.2W 1945-2266lm
POWER SUPPLY CONTROL	COLOUR	
220-240Vac 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

Professional adjustable LED projector.

Source

Tunable White light module made of high power and high efficiency Ra80 LED sources. Color temperature adjustment range between 2700K and 5000K.

Energy efficiency class	F
Nominal power	28W
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

Equipped with precision methacrylate lenses and spreader filter.

Optic	MWFL
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Beam angles	MWFL
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Optical efficiency	See photometries
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Fixture flux	See photometries
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Luminous efficacy	See photometries
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Photobiological safety	Compliant with RG1 low risk group
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Mechanical characteristics

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

Colour and finish	Ferrite
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Dimensions	ØxH 235x168mm
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Weight	6.6Kg
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Degree of protection	IP66
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Mechanical Resistance	IK10
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Electrical characteristics

DALI DT8 driver integrated in the body of the fixture. All versions are precabled with a 1.5m long feeding cable H07RN-F. 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	33.2W
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Power supply	220-240Vac 50/60Hz
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Insulation Class	CLASS 1
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Type of driver / Control	DALI DT8
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Driver included	YES
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SAFE FLICKER	PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light
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Ambient temperature	-25°C / +35°C
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Installation

Mounting bracket with aiming adjustability. Adjustable up to $\pm 45^\circ$ on the horizontal pane and $+90^\circ/-45^\circ$ on the vertical plane.

Notes

Casambi control system available using a dedicated accessory (only for DALI version products). 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. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Warranty

5 years.

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Technical Data

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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Photometries

WW

CCT nominal

2700K

Nominal flux

3075lm

Fixture flux

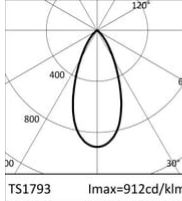
1945lm

Luminous efficacy

59lm/W

Optical efficiency

63.24%



TS1793

I_{max}=912cd/klm

2700K	H(m)	D(m)	E _{max} (lx)
Ra80		46°	
Fixture Power	33W	1	0.84 2805
Source Flux	3075lm	2	1.68 701
Fixture Flux	1945lm	3	2.53 312
Efficacy	59lm/W	4	3.37 175
TS1793	I _{max}	2805cd	112

NW

CCT nominal

3800K

Nominal flux

3586lm

Fixture flux

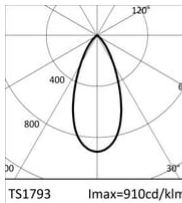
2266lm

Luminous efficacy

68lm/W

Optical efficiency

63.19%



TS1793

I_{max}=910cd/klm

3800K	H(m)	D(m)	E _{max} (lx)
Ra80		46°	
Fixture Power	33W	1	0.84 3263
Source Flux	3586lm	2	1.69 816
Fixture Flux	2266lm	3	2.53 363
Efficacy	68lm/W	4	3.37 204
TS1793	I _{max}	3263cd	131

CW

CCT nominal

5000K

Nominal flux

3443lm

Fixture flux

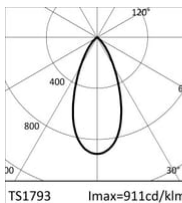
2182lm

Luminous efficacy

66lm/W

Optical efficiency

63.38%



TS1793

I_{max}=911cd/klm

5000K	H(m)	D(m)	E _{max} (lx)
Ra80		46°	
Fixture Power	33W	1	0.84 3138
Source Flux	3443lm	2	1.69 784
Fixture Flux	2182lm	3	2.53 349
Efficacy	66lm/W	4	3.38 196
TS1793	I _{max}	3138cd	126

Accessories

Filter



CODE	COLOUR
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1E4010	
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Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.

Grid



CODE	COLOUR
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1E4013	
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Anti-glare louver.
Powder coated stainless steel.

Screen



CODE	COLOUR
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1E4011	
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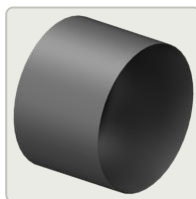
Asymmetric screen.
Powder coated stainless steel.



CODE	COLOUR
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1E4012	
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Cylindrical screen.
Powder coated stainless steel.
Short version.



CODE	COLOUR
------	--------

1E4059	
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Cylindrical screen.
Powder coated stainless steel.
Long version.

Mounting System



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

Plate for fixture rotation.
Powder coated stainless steel.



CODE	COLOUR	ØXH
------	--------	-----

1E3188		150x352mm
--------	---	-----------

Earthspike.
Powder coated stainless steel.

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Accessories

Mounting System



CODE

COLOUR

1E2825



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



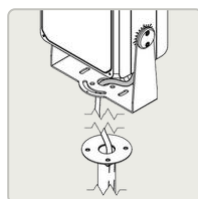
CODE

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.

Connector



CODE

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Tool



CODE

1E3305

Tightening wrench for the connector kit.

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Accessories

Control systems



CODE

1E3048

IP67 wireless control unit with DALI interface.

It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology.

The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures.

The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands.

In addition to the DALI broadcast, other operating modes are available, such as:

- Button (normally open)
- Control unit 0/1-10V
- Control unit DALI Tunable White DT8
- Presence sensor

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.
LxHxP=108x28x65mm.



CODE

1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.

It has a DALI2 output with the capacity to control up to 40 lighting fixtures.

With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures.

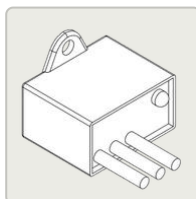
IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level.

In addition to the DALI broadcast other operating modes are available, such as:

- EXTENDER DALI 8CH
- EXTENDER DALI Tunable White
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.
LxHxP=148x40x150mm.

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

Accessories

Surge protector



CODE

A013C

Surge protector compatible with CLASS I lighting fixtures.
DALI, DMX, 0-10V datalines compliance.
Operating voltage 230Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS I
IP20