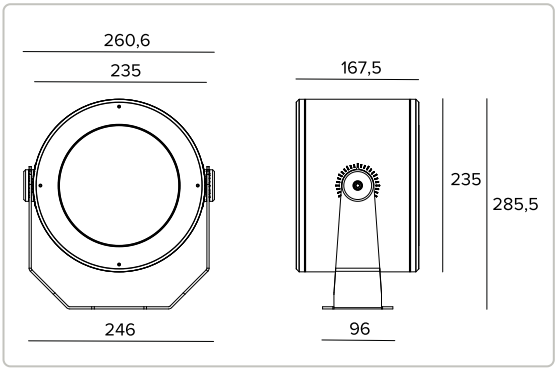
PROJECTORS

Dart Round Maxi

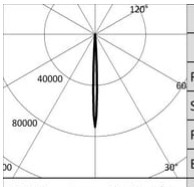
Code
1E3997DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 80	NSP 5°	16.6W 1412lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI	



The figures on the drawing are expressed in mm.



4000K		H(m)	D(m)	Emax(lx)
Ra80			5°	
Fixture Power	17W	1	0.08	125808
Source Flux	1736lm	2	0.17	31452
Fixture Flux	1412lm	3	0.25	13979
Efficacy	85lm/W	4	0.34	7863
TS1790 Imax=72470cd/klm	Imax	125808cd	5	0.42	5032

Technical Data

Concept

Professional adjustable LED projector.

Source

Light module with high power and high efficiency Ra80 LED sources. Ra90 version available on request.

Energy efficiency class	E
Nominal power	14W
Nominal flux	1736lm
Colour rendering index	80
Rf	84
Rg	93
CCT nominal	4000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	72000h 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

NSP version: precision methacrylate lenses and spreader filter.

Optic	NSP
Beam angles	NSP
Optical efficiency	81.36%
Fixture flux	1412lm
Luminous efficacy	85lm/W
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	7.2Kg
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

Version with integrated dimmable DALI power supply. 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 15% in DC.

Fixture Power	16.6W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI
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

Casambi control system available using a dedicated accessory. 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.

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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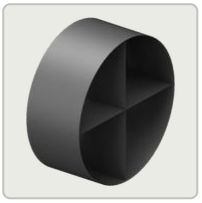
Accessories

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.

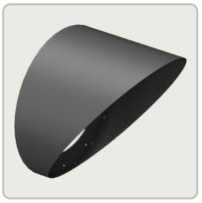
Grid



CODE	COLOUR
1E4013	

Anti-glare louver.
Powder coated stainless steel.

Screen

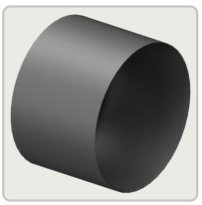


CODE	COLOUR
1E4011	

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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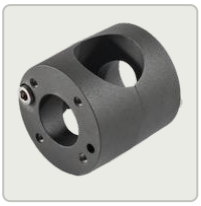
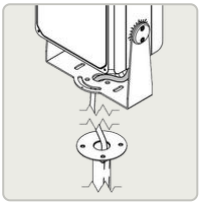


CODE	COLOUR
1E2825	

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.

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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Control systems

CODE

1E3048

IP67 wireless control unit with DALI interface.
It generates a local DALI2 bus, enhabling 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, maning 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

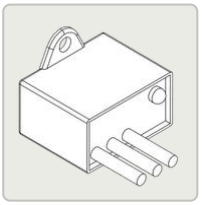
1E4369

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

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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

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