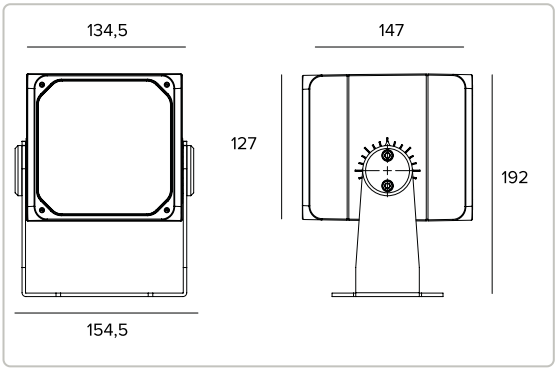
PROJECTORS

Dart Medium

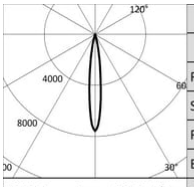
Code
1E3931DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 80	SP 14°	36.2W 2581lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI	



The figures on the drawing are expressed in mm.



4000K		H(m)	D(m)	Emax(lx)
Ra80			14°	
Fixture Power	36W	1	0.24	33020
Source Flux	4371lm	2	0.47	8255
Fixture Flux	2581lm	3	0.71	3669
Efficacy	71lm/W	4	0.95	2064
TS1500 Imax=7554cd/klm	Imax	33020cd	5	1.18	1321

Technical Data

Concept

Professional adjustable LED projector.

Source

High efficiency Chip on Board LED Ra80.	
Energy efficiency class	D
Nominal power	33W
Nominal flux	4371lm
Colour rendering index	80
Rf	81
Rg	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 hybrid optics composed of anodised mirrored aluminium reflectors, optical glass lenses, lens holders in burnished steel and diffusing holographic filters.

Optic	SP
Beam angles	SP
Optical efficiency	59.05%
Fixture flux	2581lm
Luminous efficacy	71lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Painted die-cast anodised aluminium body and painted stainless steel mounting bracket. Rotation of ±45° on the horizontal plane and of 0-120° or 0-20° on the vertical plane.

Colour and finish	Ferrite
Dimensions	AxBxH 135x127x147mm
Weight	3.55Kg
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

Complete with a dimmable DALI 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	36.2W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI - PUSH
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.

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.

Warranty

5 years.

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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Accessories

Filter

CODE
1E3023

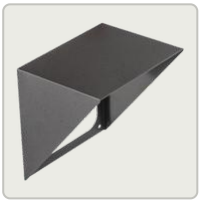
Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.
Diameter 101mm.

Grid

CODE	COLOUR
1E3025	

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

Screen



CODE	COLOUR
1E3024	

Asymmetric screen.
Powder coated stainless steel.

Mounting System

CODE	COLOUR
1E3026	

Plate for fixture rotation.
Powder coated stainless steel.

CODE	COLOUR	ØXH
1E3028		96x182mm

Earthspike.
Powder coated stainless steel.

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.

Holder Ring

CODE	COLOUR
1E3022	

Holder ring.
Powder coated stainless steel.
AxB 120x120mm.

Tool

CODE	COLOUR
1E3029	

Laser pointing system.
Installed by friction on the projector's body.
Powder coated stainless steel.
Laser included.

Connector

CODE
1E2769

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

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.

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CODE

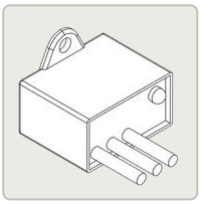
1E4369

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

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