PROJECTORS

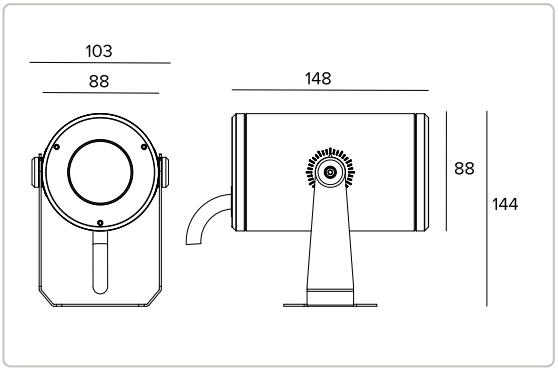
Dart Round Small TW



Code
1E4037

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700-5000K 80	SP 15°	4.2W 336-399lm

POWER SUPPLY CONTROL	COLOUR
700mA	



The figures on the drawing are expressed in mm.

1 IP66 IK10 1.5M CE

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

Technical Data

Concept

Professional adjustable LED projector.

Source

Tunable White board made of high efficiency Ra80 LED Emitters that allow to reach and choose a color temperature between 2700K and 5000K.

Energy efficiency class	F
Nominal power	4,2W
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 lens and spreader filter.

Optic	SP
Beam angles	SP
Optical efficiency	72.89%
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 88x148mm
Weight	1Kg
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

Remote electronic driver with DALI DT8 interface. The driver is housed inside an IP68 box and allows to control from 1 to 9 fixtures. All versions are pre-wired with a 1.5m long feeding cable H07RN-F (to be connected to the IP68 driver box).

Fixture Power	4.2W
Power supply	700mA
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	-25°C / +35°C

Installation

Mounting bracket with aiming adjustability. Adjustable up to ±60° on the horizontal pane and +90°/-45° 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. 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.

Regulations and Certifications

CE

Warranty

5 years.

Technical Data

Warning

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

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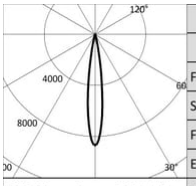
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Photometries

WW

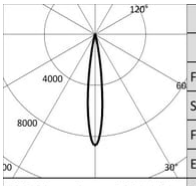
CCT nominal	2700K
Nominal flux	461lm
Fixture flux	336lm
Luminous efficacy	80lm/W



2700K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	4W	1	0.26	4002
Source Flux	461lm	2	0.51	1001
Fixture Flux	336lm	3	0.77	445
Efficacy	80lm/W	4	1.03	250
TS1661 Imax=8681cd/klm	Imax 4002cd	5	1.29	160

NW

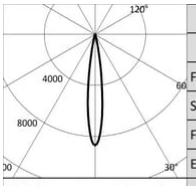
CCT nominal	3850K
Nominal flux	547lm
Fixture flux	399lm
Luminous efficacy	95lm/W



3850K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	4W	1	0.26	4749
Source Flux	547lm	2	0.51	1187
Fixture Flux	399lm	3	0.77	528
Efficacy	95lm/W	4	1.03	297
TS1661 Imax=8681cd/klm	Imax 4749cd	5	1.29	190

CW

CCT nominal	5000K
Nominal flux	536lm
Fixture flux	391lm
Luminous efficacy	93lm/W



5000K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	4W	1	0.26	4653
Source Flux	536lm	2	0.51	1163
Fixture Flux	391lm	3	0.77	517
Efficacy	93lm/W	4	1.03	291
TS1661 Imax=8681cd/klm	Imax 4653cd	5	1.29	186

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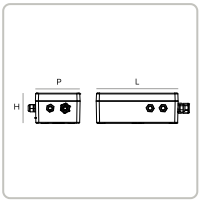
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Related codes

Power Supply

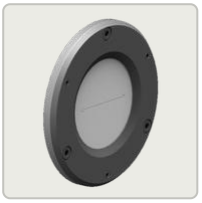


CODE
1E4056

Tunable White DALI driver - 700mA.
50W, LxHxP=220x80x120mm, 110-277Vac.
IP68 gray powder coated aluminum box.

Accessories

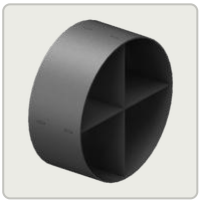
Filter



CODE	COLOUR
1E4002	

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

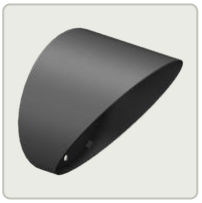
Grid



CODE	COLOUR
1E4005	

Anti-glare louver.
The central elements can be adjusted +/- 60° for a perfect glare control.
Powder coated stainless steel.

Screen



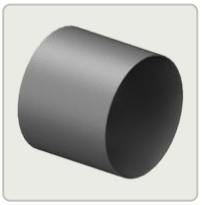
CODE	COLOUR
1E4003	

Asymmetric screen.
Powder coated stainless steel.



CODE	COLOUR
1E4004	

Cylindrical screen.
Powder coated stainless steel.
Short version.



CODE	COLOUR
1E4057	

Cylindrical screen.
Powder coated stainless steel.
Long version.

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Mounting System



CODE	COLOUR
1E3015	

Plate for fixture rotation.
Powder coated stainless steel.



CODE	COLOUR	ØXH
1E3016		70x182mm

Earthspike.
Powder coated stainless steel.

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.

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