PROJECTORS

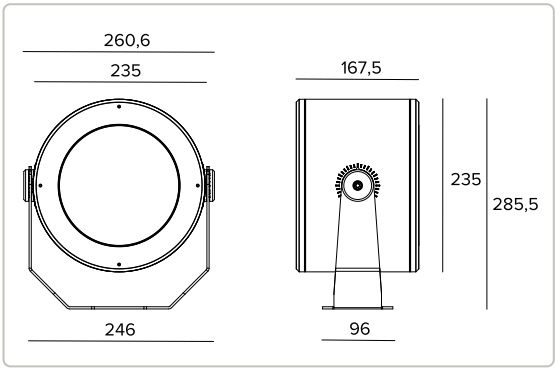
Dart Round Maxi TW



Code
1E4043DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700-5000K 80	SP 15°	33.2W 2256-2594lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI DT8	



The figures on the drawing are expressed in mm.

6.6 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 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
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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.
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We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

Equipped with precision methacrylate lenses and spreader filter.

Optic	SP
Beam angles	SP
Optical efficiency	See photometries
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

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
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI DT8
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 (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.

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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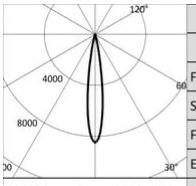
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Photometries

WW

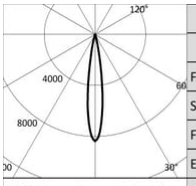
CCT nominal	2700K
Nominal flux	3075lm
Fixture flux	2256lm
Luminous efficacy	68lm/W
Optical efficiency	73.38%



2700K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	33W	1	0.27	26036
Source Flux	3075lm	2	0.54	6509
Fixture Flux	2256lm	3	0.81	2893
Efficacy	68lm/W	4	1.09	1627
TS1791 Imax=8467cd/klm	Imax 26036cd	5	1.36	1041

NW

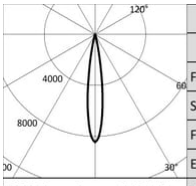
CCT nominal	3800K
Nominal flux	3586lm
Fixture flux	2594lm
Luminous efficacy	78lm/W
Optical efficiency	72.33%



3800K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	33W	1	0.27	29940
Source Flux	3586lm	2	0.54	7485
Fixture Flux	2594lm	3	0.81	3327
Efficacy	78lm/W	4	1.08	1871
TS1791 Imax=8349cd/klm	Imax 29940cd	5	1.36	1198

CW

CCT nominal	5000K
Nominal flux	3443lm
Fixture flux	2520lm
Luminous efficacy	76lm/W
Optical efficiency	73.19%



5000K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	33W	1	0.27	29076
Source Flux	3443lm	2	0.54	7269
Fixture Flux	2520lm	3	0.81	3231
Efficacy	76lm/W	4	1.08	1817
TS1791 Imax=8445cd/klm	Imax 29076cd	5	1.35	1163

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Accessories

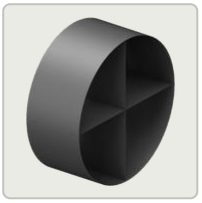
Filter



CODE	COLOUR
1E4010	

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

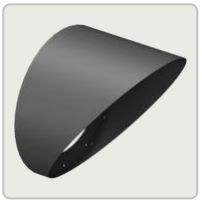
Grid



CODE	COLOUR
1E4013	

Anti-glare louver.
Powder coated stainless steel.

Screen



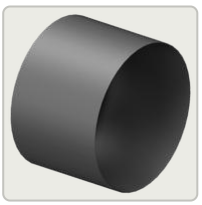
CODE	COLOUR
1E4011	

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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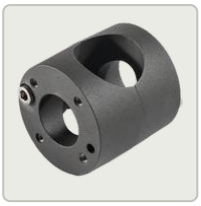
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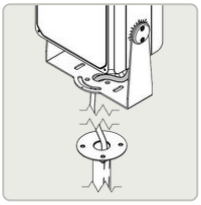
CODE	COLOUR
1E2825	

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

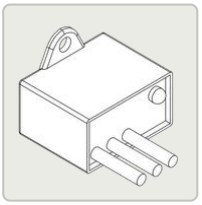
1E4369

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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