

PROJECTORS

Dart Maxi

Code
1E3961DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 80	MWFL 43°	68.9W 6411lm
POWER SUPPLY CONTROL	COLOUR	
220-240Vac DALI		



The figures on the drawing are expressed in mm.



Technical Data

Concept

Professional adjustable LED projector.

Source

High efficiency Chip on Board LED Ra80.

Energy efficiency class	C
Nominal power	63W
Nominal flux	8864lm
Colour rendering index	80
R _f	81
R _g	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

Targetti Sankey S.r.l.
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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

Precision optics with convex facets, in mirror finish anodized aluminium, and diffusive moulded glass.

Optic	MWFL
Beam angles	MWFL
Optical efficiency	72.33%
Fixture flux	6411lm
Luminous efficacy	93lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Painted die-cast anodised aluminium body and painted stainless steel mounting bracket. $\pm 45^\circ$ rotation on the horizontal plane and 0-180° on the vertical plane.

Colour and finish	Ferrite
Dimensions	AxBxH 214x201x147mm
Weight	6.7Kg
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 15% in DC.

Fixture Power	68.9W
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.

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

1E3094

Blade of light filter.
PMMA holographic filter for a blade of light effect.
To be completed with a dedicated holder ring.
Diameter 168mm.

Grid



CODE

1E3096

COLOUR



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

Screen



CODE

1E3095

COLOUR



Asymmetric screen.
Powder coated stainless steel.

Mounting System



CODE

1E3026

COLOUR



Plate for fixture rotation.
Powder coated stainless steel.



CODE

1E3188

COLOUR



ØXH

150x352mm

Earthspike.
Powder coated stainless steel.



CODE

1E2825

COLOUR



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

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Accessories

Mounting System



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.

Holder Ring



CODE

COLOUR

1E3093



Holder ring.
Powder coated stainless steel.
Ax B 195x195mm.

Tool



CODE

COLOUR

1E3098



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.

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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