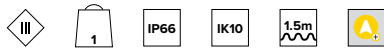
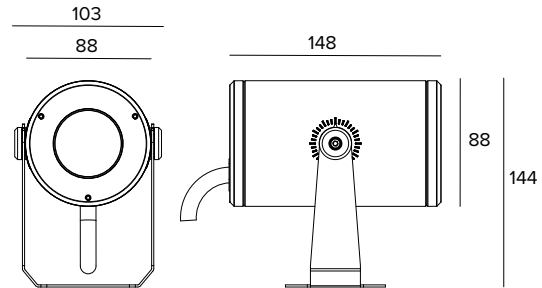


## 1E4037 | DART Round Small TW

### Professional adjustable LED projector



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



The figures on the drawing are expressed in mm.

#### 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

**Lifetime (L80/B10):** >50000h tq +25°C

#### ILLUMINOTECHNICAL CHARACTERISTICS

Equipped with precision methacrylate lens and spreader filter.

**Optic:** LENS

**Beam angles:** SP

**Optical efficiency:** 73%

**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

**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:** 4W

**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  $\pm 60^\circ$  on the horizontal pane and  $+90^\circ/-45^\circ$  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.

#### WARRANTY

5 years.

#### WARNING

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

*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.*

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**TARGETTI**

**1E4037 | DART Round Small TW**  
Professional adjustable LED projector



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	I <sub>max</sub> =8681cd/klm	I <sub>max</sub>	4653cd	5	1.29	186



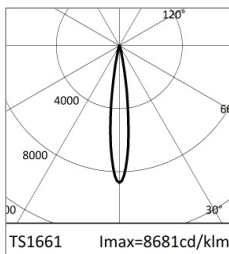
3850K		H(m)	D(m)	Emax(lx)		
Ra80			15°			
Fixture Power	4W	1	0.26	4749		
Source Flux	547lm	2	0.51	1187		
Fixture Flux	399lm	3	0.77	528		
Efficacy	95lm/W	4	1.03	297		
TS1661	I <sub>max</sub> =8681cd/klm	I <sub>max</sub>	4749cd	5	1.29	190

**CW**

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

**NW**

CCT nominal	3850K
Nominal flux	547lm
Fixture flux	399lm
Luminous efficacy	95lm/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	I <sub>max</sub> =8681cd/klm	I <sub>max</sub>	4002cd	5	1.29	160

**WW**

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

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# 1E4037 | DART Round Small TW

## Professional adjustable LED projector

### Related codes

#### Power Supply

Code
<b>1E4056</b>

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

### Accessories

#### Filter



Colour	Code
	<b>1E4002</b>

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

#### Grid



Colour	Code
	<b>1E4005</b>

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

#### Screen



Colour	Code
	<b>1E4003</b>

Asymmetric screen.  
Powder coated stainless steel.



Colour	Code
	<b>1E4004</b>

Cylindrical screen.  
Powder coated stainless steel.  
Short version.



Colour	Code
	<b>1E4057</b>

Cylindrical screen.  
Powder coated stainless steel.  
Long version.

### Mounting System



Colour	Code
	<b>1E3015</b>

Plate for fixture rotation.  
Powder coated stainless steel.



Dimensions ØxH mm	Colour	Code
70x182		<b>1E3016</b>

Earthspike.  
Powder coated stainless steel.

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## 1E4037 | DART Round Small TW

### Professional adjustable LED projector

#### 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



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

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