

## 1E4246 | JEDI Recessed RGBW

### Powerful recessed linear RGBW LED projector



#### SOURCE

LED Multichip RGBW module with white 3000K.

**Energy efficiency class:** G

**Nominal power:** 45W

**Nominal flux:** See photometries

**CCT nominal:** See photometries

**SDCM:** 2

#### ILLUMINOTECHNICAL CHARACTERISTICS

Internal optical system composed of a primary cylindrical glass lens, a high reflectance anodised aluminium reflector and an integrated holographic filter.

**Optic:** HYBRID

**Beam angles:** FL

**Optical efficiency:** 75%

**Fixture flux:** See photometries

**Luminous efficacy:** See photometries

**Photobiological safety:** Compliant with RG1 low risk group

#### MECHANICAL CHARACTERISTICS

Extruded anodised aluminium 15µ body. Extra clear 10mm thick glass flat screen. Brushed stainless steel (AISI 316) frame. The body of the fixture can resist a static load up to 20kN and vandalism (IK10). Anti-slip glass available on request.

**Colour and finish:** Aluminium

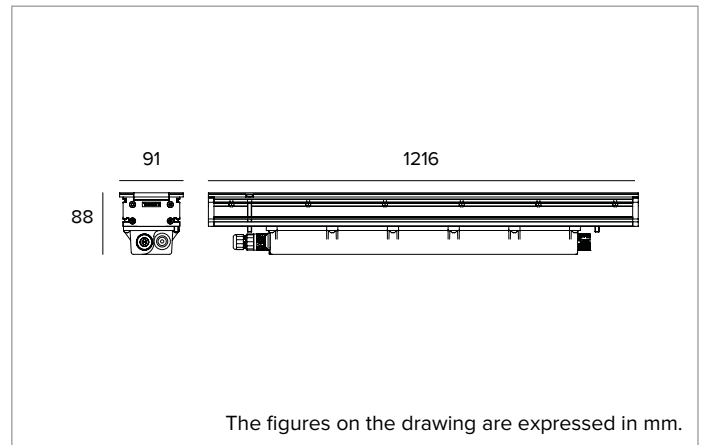
**Dimensions:** L=1216mm

**Weight:** 7.5Kg

**Degree of protection:** IP66,IP67,IP68,IP69

**Mechanical Resistance:** IK10

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



#### ELECTRICAL CHARACTERISTICS

Integrated electronic power supply. Controlled using DMX-RDM protocols that allow to programme the fixture remotely (no dip-switch) using the DMX data line. Pass-through power supply with 1 meter cable and 3-pole IP68 connectors. Pass-through DMX line connection with 5-pole IP68 panel connectors. Programming the fixtures is done using the USB-RDM programmer that is available as an accessory.

**Fixture Power:** See photometries

**Power supply:** 220-240Vac 50/60Hz

**Insulation Class:** CLASS 1

**Type of driver / Control:** DMX RDM

**Driver included:** YES

**Class F:** 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

To be completed with an aluminium insertion box suitable for in-line installation.

#### NOTES

LMS Casambi wireless control available on request. Photometries show the maximum emission values of fixtures. Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. 110-277Vac version available on request. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant.

#### 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.

*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.*

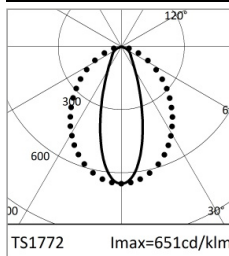
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**TARGETTI**

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		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	55W	1	0.63	1.94	2335		
Source Flux	3588lm	2	1.26	3.88	584		
Fixture Flux	2698lm	3	1.90	5.81	259		
Efficacy	49lm/W	4	2.53	7.75	146		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	2335cd	5	3.16	9.69	93



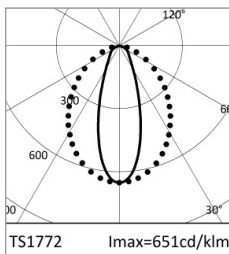
		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	40W	1	0.63	1.94	1330		
Source Flux	2044lm	2	1.26	3.88	333		
Fixture Flux	1537lm	3	1.90	5.81	148		
Efficacy	39lm/W	4	2.53	7.75	83		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	1330cd	5	3.16	9.69	53

### RGBW

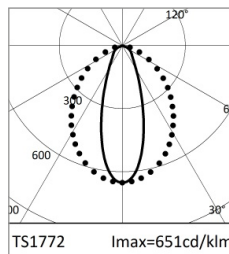
Fixture Power	55W
Nominal flux	3588lm
Fixture flux	2698lm
Luminous efficacy	49lm/W

### RGB

Fixture Power	40W
Nominal flux	2044lm
Fixture flux	1537lm
Luminous efficacy	39lm/W



	3000K	H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	14W	1	0.63	1.94	1138		
Source Flux	1748lm	2	1.26	3.88	284		
Fixture Flux	1314lm	3	1.90	5.81	126		
Efficacy	92lm/W	4	2.53	7.75	71		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	1138cd	5	3.16	9.69	46



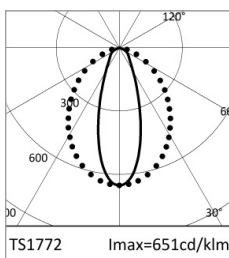
		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	11W	1	0.63	1.94	409		
Source Flux	628lm	2	1.26	3.88	102		
Fixture Flux	472lm	3	1.90	5.81	45		
Efficacy	44lm/W	4	2.53	7.75	26		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	409cd	5	3.16	9.69	16

### WHITE

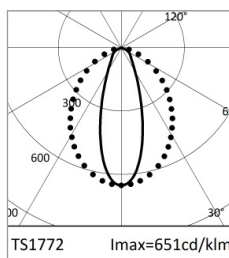
CCT nominal	3000K
Fixture Power	14W
Nominal flux	1748lm
Fixture flux	1314lm
Luminous efficacy	92lm/W

### RED

Fixture Power	11W
Nominal flux	628lm
Fixture flux	472lm
Luminous efficacy	44lm/W



		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	15W	1	0.63	1.94	838		
Source Flux	1288lm	2	1.26	3.88	210		
Fixture Flux	968lm	3	1.90	5.81	93		
Efficacy	65lm/W	4	2.53	7.75	52		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	838cd	5	3.16	9.69	34



		H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
		-	35°	88°			
Fixture Power	15W	1	0.63	1.94	164		
Source Flux	252lm	2	1.26	3.88	41		
Fixture Flux	189lm	3	1.90	5.81	18		
Efficacy	13lm/W	4	2.53	7.75	10		
TS1772	I <sub>max</sub> =651cd/klm	I <sub>max</sub>	164cd	5	3.16	9.69	7

### GREEN

Fixture Power	15W
Nominal flux	1288lm
Fixture flux	968lm
Luminous efficacy	65lm/W

### BLUE

Fixture Power	15W
Nominal flux	252lm
Fixture flux	189lm
Luminous efficacy	13lm/W

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### Related codes

#### Insertion Box

L mm	Code
1218	<b>1E3509</b>

Extruded anodized aluminium insertion box.

### Accessories

#### Tool



Code

**1E2495**

Features TORX HEAD, TX 30.

### Control systems



Code

**1E2767**

USB-RDM Programmer code.  
DMX-RDM (Remote Device Management) address planner.  
Used with the "RDM Targetti" software that can be downloaded for free from the Targetti website download section.  
To be used with all RGBW products.  
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.  
Please refer to the instructions for more details.



Code

**A077**

my-SCENARIO Show Store.  
Programmable DMX interface that integrates the latest innovations in lighting control in architectural and entertainment applications.  
It features USB Type-C and Ethernet ports for programming and remote control.  
The unit can be fully programmed with ESA Pro 2 software (available for Windows and Mac users) or via mobile applications such as Arcolis (available for iOS or Android devices).  
It can be fully customised: pixel mapping, triggering management, patch configuration and much more.  
The system offers great possibilities for the control of your lighting installation: multi zone control (allowing the management of up to 5 independent zones), extended triggers (time/date, Sunrise/Sunset, input ports, TCP/UDP commands), 16-bit channels management, full recovery after power loss, up to 99 total scenes, and 1024+ DMX channels.  
The intuitive backlit keyboard comes with 10 preset buttons for a user friendly experience.



Code

**1T6499**

myScenario Wall.  
DMX controller with a glass touch sensitive screen for architectural applications.  
It can control two different DMX universes (2x 512 channels).  
Stand alone function or connected to a computer using a USB port.  
Software for creating scenarios (that can be downloaded from the Targetti website) included.  
It can manage 10 different lighting zones and 50 scenarios per zone.  
The touch keys on the front make it possible to modify and recall programmed scenarios.  
USB cable included.  
To be used with all RGBW products.

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#### 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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