

## 1E4257 | JEDI Projector RGBW

### Powerful adjustable linear RGBW LED projector



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



The figures on the drawing are expressed in mm.

#### 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:** WALL WASHER

**Beam angles:** WW

**Optical efficiency:** 77%

**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 4mm thick glass flat screen. Black polycarbonate driver box. The body of the fixture is adjustable and can be installed away from the mounting surface by sliding the brackets along a special guide.

**Colour and finish:** Aluminium

**Dimensions:** L=1216mm

**Weight:** 7.5Kg

**Degree of protection:** IP66,IP67

**Mechanical Resistance:** IK08

#### 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 stainless steel fixed or adjustable brackets. The brackets can slide along the body of the fixture to be positioned according to installation needs.

#### NOTES

LMS Casambi wireless control available on request. Photometrics 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.

#### 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)	Emax(lx)		
		-	20°	69°			
Fixture Power	55W	1	0.38	1.42	3306		
Source Flux	3588lm	2	0.75	2.84	826		
Fixture Flux	2769lm	3	1.13	4.26	367		
Efficacy	50lm/W	4	1.51	5.68	207		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	3615cd	5	1.89	7.11	132



		H(m)	D1(m)	D2(m)	Emax(lx)		
		-	20°	69°			
Fixture Power	40W	1	0.38	1.42	1883		
Source Flux	2044lm	2	0.75	2.84	471		
Fixture Flux	1578lm	3	1.13	4.26	209		
Efficacy	40lm/W	4	1.51	5.68	118		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	2060cd	5	1.89	7.11	75

### RGBW

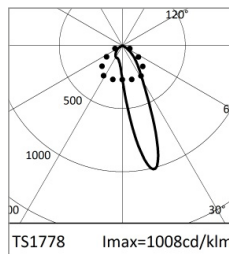
Fixture Power	55W
Nominal flux	3588lm
Fixture flux	2769lm
Luminous efficacy	50lm/W

### RGB

Fixture Power	40W
Nominal flux	2044lm
Fixture flux	1578lm
Luminous efficacy	40lm/W



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
		-	20°	69°			
Fixture Power	14W	1	0.38	1.42	1611		
Source Flux	1748lm	2	0.75	2.84	403		
Fixture Flux	1349lm	3	1.13	4.26	179		
Efficacy	94lm/W	4	1.51	5.68	101		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	1761cd	5	1.89	7.11	64



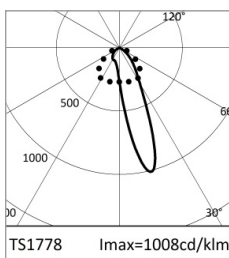
		H(m)	D1(m)	D2(m)	Emax(lx)		
		-	20°	69°			
Fixture Power	11W	1	0.38	1.42	579		
Source Flux	628lm	2	0.75	2.84	145		
Fixture Flux	485lm	3	1.13	4.26	64		
Efficacy	45lm/W	4	1.51	5.68	36		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	633cd	5	1.89	7.11	23

### WHITE

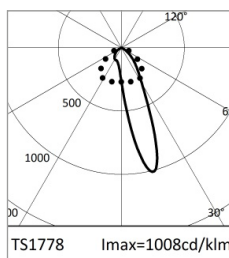
CCT nominal	3000K
Fixture Power	14W
Nominal flux	1748lm
Fixture flux	1349lm
Luminous efficacy	94lm/W

### RED

Fixture Power	11W
Nominal flux	628lm
Fixture flux	485lm
Luminous efficacy	45lm/W



		H(m)	D1(m)	D2(m)	Emax(lx)		
		-	20°	69°			
Fixture Power	15W	1	0.38	1.42	1187		
Source Flux	1288lm	2	0.75	2.84	297		
Fixture Flux	994lm	3	1.13	4.26	132		
Efficacy	67lm/W	4	1.51	5.68	74		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	1298cd	5	1.89	7.11	47



		H(m)	D1(m)	D2(m)	Emax(lx)		
		-	20°	69°			
Fixture Power	15W	1	0.38	1.42	232		
Source Flux	252lm	2	0.75	2.84	58		
Fixture Flux	195lm	3	1.13	4.26	26		
Efficacy	13lm/W	4	1.51	5.68	15		
TS1778	I <sub>max</sub> =1008cd/klm	I <sub>max</sub>	254cd	5	1.89	7.11	9

### GREEN

Fixture Power	15W
Nominal flux	1288lm
Fixture flux	994lm
Luminous efficacy	67lm/W

### BLUE

Fixture Power	15W
Nominal flux	252lm
Fixture flux	195lm
Luminous efficacy	13lm/W

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**Related codes**

**Mounting System**

Code
<b>1E2752</b>
Short bracket for wall installation (2 pieces).

Code
<b>1E2753</b>
Long bracket for wall installation (2 pieces).



Code
<b>1E2754</b>
Bracket for ceiling installation (2 pieces).

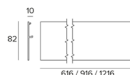
**Accessories**

**End Caps**



Code
<b>1E2761</b>
End cap with bracket for ceiling installation included.

**Cover Panel**

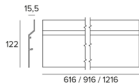


L mm	Code
1216	<b>1E3047</b>

Side cover for ceiling installation.

L mm	Code
1216	<b>1E2757</b>

Side cover for wall/cornice installation.



L mm	Code
1216	<b>1E2760</b>

Anti-glare side cover.

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### Connector



Code

**1E2769**

Linear connection box IP66/IP68.  
5 poles max. wire section 1.5mm<sup>2</sup>.  
Cable diameter range from 7 to 12mm.



Code

**1E3184**

IP68 4-way cable connector (5 pole).

### 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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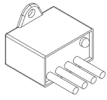
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### Surge protector



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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