

IN-GROUND LUMINAIRES

Jedi Recessed RGBW

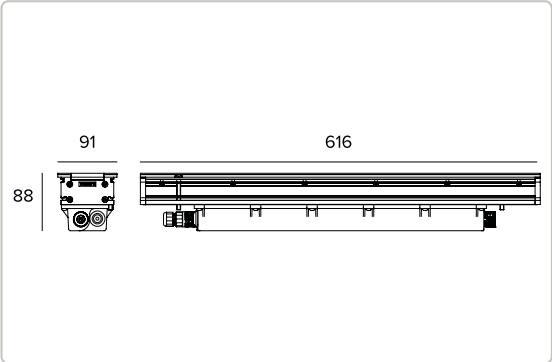
- L. 616mm

Code

1E4240

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
RGBW	FL 35°	27.5W 1349lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DMX RDM	



The figures on the drawing are expressed in mm.



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

Technical Data

Concept

Powerful recessed linear RGBW LED projector.

Source

LED Multichip RGBW module with white 3000K.

Energy efficiency class	G
Nominal power	22W
Nominal flux	See photometries
Colour rendering index	
CCT nominal	See photometries
SDCM	2
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	72000h 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.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

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targetti.com
targetti@targetti.com

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

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

Optic	FL
Beam angles	FL
Optical efficiency	75.19%
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	AxBxH 616x91x88mm
Weight	3.7Kg
Degree of protection	IP66,IP67,IP68,IP69
Mechanical Resistance	IK10

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
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. 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. 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.

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Technical Data

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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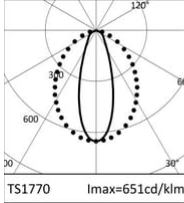
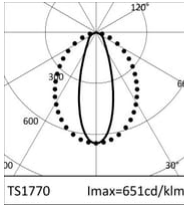
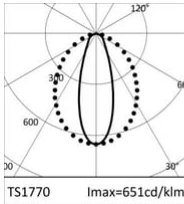
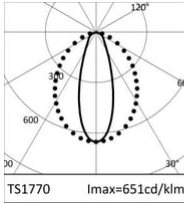
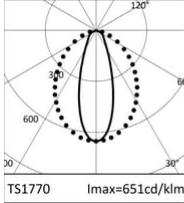
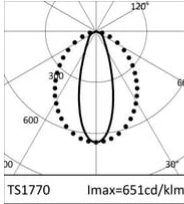
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Photometries

RGBW	Fixture Power	27.5W		<table><tr><td>-</td><td></td><td>H(m)</td><td>D1(m)</td><td>D2(m)</td><td>Emax(lx)</td></tr><tr><td>-</td><td></td><td>35°</td><td>88°</td><td></td><td></td></tr><tr><td>Fixture Power</td><td>28W</td><td>1</td><td>0.63</td><td>1.94</td><td>1168</td></tr><tr><td>Source Flux</td><td>1794lm</td><td>2</td><td>1.26</td><td>3.88</td><td>292</td></tr><tr><td>Fixture Flux</td><td>1349lm</td><td>3</td><td>1.90</td><td>5.81</td><td>130</td></tr><tr><td>Efficacy</td><td>49lm/W</td><td>4</td><td>2.53</td><td>7.75</td><td>73</td></tr><tr><td>TS1770</td><td>Imax=651cd/klm</td><td>Imax</td><td>1168cd</td><td>5</td><td>3.16</td><td>9.69</td><td>47</td></tr></table>						-		H(m)	D1(m)	D2(m)	Emax(lx)	-		35°	88°			Fixture Power	28W	1	0.63	1.94	1168	Source Flux	1794lm	2	1.26	3.88	292	Fixture Flux	1349lm	3	1.90	5.81	130	Efficacy	49lm/W	4	2.53	7.75	73	TS1770	Imax=651cd/klm	Imax	1168cd	5	3.16	9.69	47
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WHITE	CCT nominal	3000K		<table><tr><td></td><td>3000K</td><td>H(m)</td><td>D1(m)</td><td>D2(m)</td><td>Emax(lx)</td></tr><tr><td>-</td><td></td><td>35°</td><td>88°</td><td></td><td></td></tr><tr><td>Fixture Power</td><td>7W</td><td>1</td><td>0.63</td><td>1.94</td><td>569</td></tr><tr><td>Source Flux</td><td>874lm</td><td>2</td><td>1.26</td><td>3.88</td><td>142</td></tr><tr><td>Fixture Flux</td><td>657lm</td><td>3</td><td>1.90</td><td>5.81</td><td>63</td></tr><tr><td>Efficacy</td><td>91lm/W</td><td>4</td><td>2.53</td><td>7.75</td><td>36</td></tr><tr><td>TS1770</td><td>Imax=651cd/klm</td><td>Imax</td><td>569cd</td><td>5</td><td>3.16</td><td>9.69</td><td>23</td></tr></table>							3000K	H(m)	D1(m)	D2(m)	Emax(lx)	-		35°	88°			Fixture Power	7W	1	0.63	1.94	569	Source Flux	874lm	2	1.26	3.88	142	Fixture Flux	657lm	3	1.90	5.81	63	Efficacy	91lm/W	4	2.53	7.75	36	TS1770	Imax=651cd/klm	Imax	569cd	5	3.16	9.69	23
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RED	Fixture Power	5.3W		<table><tr><td>-</td><td></td><td>H(m)</td><td>D1(m)</td><td>D2(m)</td><td>Emax(lx)</td></tr><tr><td>-</td><td></td><td>35°</td><td>88°</td><td></td><td></td></tr><tr><td>Fixture Power</td><td>5W</td><td>1</td><td>0.63</td><td>1.94</td><td>204</td></tr><tr><td>Source Flux</td><td>314lm</td><td>2</td><td>1.26</td><td>3.88</td><td>51</td></tr><tr><td>Fixture Flux</td><td>236lm</td><td>3</td><td>1.90</td><td>5.81</td><td>23</td></tr><tr><td>Efficacy</td><td>45lm/W</td><td>4</td><td>2.53</td><td>7.75</td><td>13</td></tr><tr><td>TS1770</td><td>Imax=651cd/klm</td><td>Imax</td><td>204cd</td><td>5</td><td>3.16</td><td>9.69</td><td>8</td></tr></table>						-		H(m)	D1(m)	D2(m)	Emax(lx)	-		35°	88°			Fixture Power	5W	1	0.63	1.94	204	Source Flux	314lm	2	1.26	3.88	51	Fixture Flux	236lm	3	1.90	5.81	23	Efficacy	45lm/W	4	2.53	7.75	13	TS1770	Imax=651cd/klm	Imax	204cd	5	3.16	9.69	8
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GREEN	Fixture Power	7.4W		<table><tr><td>-</td><td></td><td>H(m)</td><td>D1(m)</td><td>D2(m)</td><td>Emax(lx)</td></tr><tr><td>-</td><td></td><td>35°</td><td>88°</td><td></td><td></td></tr><tr><td>Fixture Power</td><td>7W</td><td>1</td><td>0.63</td><td>1.94</td><td>419</td></tr><tr><td>Source Flux</td><td>644lm</td><td>2</td><td>1.26</td><td>3.88</td><td>105</td></tr><tr><td>Fixture Flux</td><td>484lm</td><td>3</td><td>1.90</td><td>5.81</td><td>47</td></tr><tr><td>Efficacy</td><td>65lm/W</td><td>4</td><td>2.53</td><td>7.75</td><td>26</td></tr><tr><td>TS1770</td><td>Imax=651cd/klm</td><td>Imax</td><td>419cd</td><td>5</td><td>3.16</td><td>9.69</td><td>17</td></tr></table>						-		H(m)	D1(m)	D2(m)	Emax(lx)	-		35°	88°			Fixture Power	7W	1	0.63	1.94	419	Source Flux	644lm	2	1.26	3.88	105	Fixture Flux	484lm	3	1.90	5.81	47	Efficacy	65lm/W	4	2.53	7.75	26	TS1770	Imax=651cd/klm	Imax	419cd	5	3.16	9.69	17
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Related codes

Insertion Box



CODE	L
1E3507	618mm

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.

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Accessories

Control systems



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.

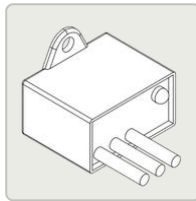
It can manage 10 different lighting zones and 50 scenarios per zone.

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.

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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