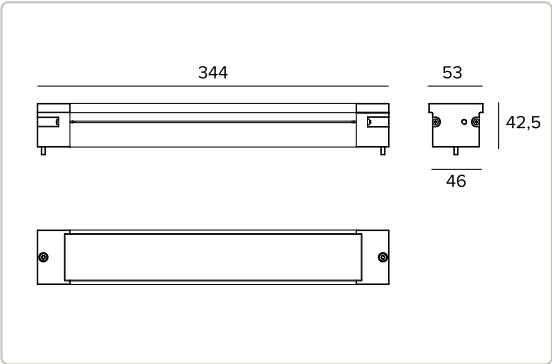


IN-GROUND LUMINAIRES

Jedi Compact
Outdoor RGBW
Recessed - Remote
driver - L. 344mm

Code
1E4322

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
RGBW	Grazing 76° / 21°	12W 645lm
POWER SUPPLY CONTROL	COLOUR	
500mA		



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

Linear Mid Power Quad-chip RGBW LED board. Color temperature of the white source: 3000K.

Energy efficiency class	G
Nominal power	12W
Nominal flux	See photometries
Colour rendering index	
CCT nominal	See photometries
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

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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

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

Optic	Grazing
Beam angles	GRZ
Optical efficiency	71.94%
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 5mm thick glass flat screen.

Colour and finish	Aluminium
Dimensions	AxBxH 344x53x43mm
Weight	1.05Kg
Version	Remote driver
Degree of protection	IP66,IP67,IP68,IP69
Mechanical Resistance	IK08

Electrical characteristics

Remote driver version. Controlled using DMX-RDM protocols that allow to programme the fixture remotely (no dip-switch) using the DMX data line. Precabled with 1m 8x0.5mm² cable (Ø 8.5mm). Programming the fixtures is done using the USB-RDM programmer that is available as an accessory.

Fixture Power	See photometries
Power supply	500mA
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	-25°C / +35°C

Installation

To be completed with an anodised aluminium outer casing suitable for in-line installation and external looping.

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. 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. 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. 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.

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RGBW

	-	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-	76°	21°				
	Fixture Power	12W	1	1.57	0.36	943	
	Source Flux	897lm	2	3.14	0.73	236	
	Fixture Flux	645lm	3	4.71	1.09	109	
Efficacy	54lm/W	4	6.28	1.45	59		
TS1735	I _{max} =1052cd/klm	I _{max}	943cd	5	7.85	1.81	38

		H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-		76°	21°			
Fixture Power	9W	1	1.57	0.36	537		
Source Flux	511lm	2	3.14	0.73	134		
Fixture Flux	368lm	3	4.71	1.09	60		
Efficacy	42lm/W	4	6.28	1.45	34		
TS1735	I _{max} =1052cd/klm	I _{max}	537cd	5	7.85	1.81	21

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-	76°	21°				
Fixture Power	3W	1	1.57	0.36	460		
Source Flux	437lm	2	3.14	0.73	115		
Fixture Flux	314lm	3	4.71	1.09	51		
Efficacy	98lm/W	4	6.28	1.45	29		
TS1735	I _{max} =1052cd/klm	I _{max}	460cd	5	7.85	1.81	18

	-	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-	76°	21°				
	Fixture Power	2W	1	1.57	0.36	165	
	Source Flux	157lm	2	3.14	0.73	41	
	Fixture Flux	113lm	3	4.71	1.09	18	
Efficacy	49lm/W	4	6.28	1.45	10		
TS1735	I _{max} =1052cd/klm	I _{max}	165cd	5	7.85	1.81	7

The figure shows a light distribution diagram on the left and a photometric data table on the right.

Light Distribution Diagram: A circular diagram showing the beam spread of the TS1735 spotlight. The beam angle is 120°. The diagram includes concentric circles representing beam diameters at different distances: 500mm, 1000mm, and 1500mm. The beam is labeled with a diameter of 1052mm at 10m. The diagram also shows the beam's height at 10m (10.52m) and the beam's diameter at 10m (1052mm).

Photometric Data Table:

		H(m)	D1(m)	D2(m)	E _{max} (lx)
		76°	21°		
Fixture Power	3W	1	1.57	0.36	339
Source Flux	322lm	2	3.14	0.73	85
Fixture Flux	232lm	3	4.71	1.09	38
Efficacy	70lm/W	4	6.28	1.45	21
TS1735 I _{max} =1052cd/klm	I _{max}	5	7.85	1.81	14

	-	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	-		76°	21°			
	Fixture Power	3W	1	1.57	0.36	66	
	Source Flux	63lm	2	3.14	0.73	17	
	Fixture Flux	45lm	3	4.71	1.09	7	
	Efficacy	14lm/W	4	6.28	1.45	4	
TS1735	I _{max} =1052cd/klm	I _{max}	66cd	5	7.85	1.81	3

Related codes

Power Supply

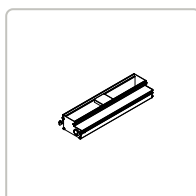


CODE

1E4271

DMX RDM 4 channel RGBW driver - 500mA.
50W, LxHxP=250x82x140mm, 120-277Vac.
IP68 gray powder coated aluminum box.

Insertion Box



CODE

1E3729

P

94mm

H

58mm

L

348mm

Aluminium outer casing for Jedi Compact with remote driver.

Accessories

Connector



CODE

1E4362

Linear connection box IP66/IP68.
8 poles.

Tool



CODE

1E3305

Tightening wrench for the connector kit.

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.

Accessories

Control systems



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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