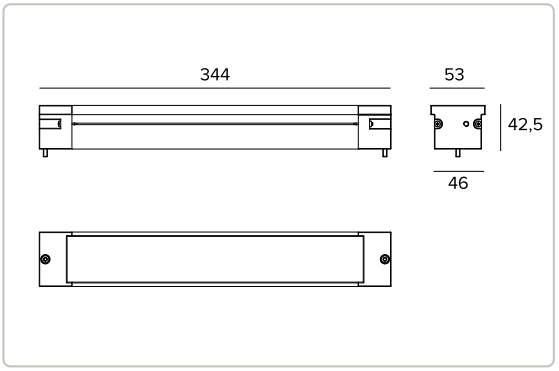
IN-GROUND LUMINAIRES

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

Code
1E4321

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
RGBW	FL 33°	12W 630lm

POWER SUPPLY CONTROL	COLOUR
500mA	



The figures on the drawing are expressed in mm.

1.05 IP66 IP67 IP68 IP69 IK08 1M

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

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

Tel: +39 055 37911
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. Flood version.

Optic	FL
Beam angles	FL
Optical efficiency	70.26%
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. 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. 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.

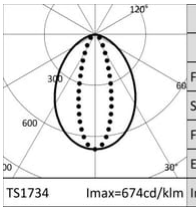
Warning

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

Photometries

RGBW

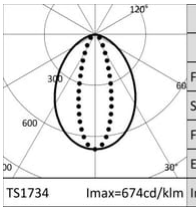
Fixture Power	12W
Nominal flux	897lm
Fixture flux	630lm
Luminous efficacy	53lm/W



-		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	12W	1	1.76	0.59	605
Source Flux	897lm	2	3.51	1.17	151
Fixture Flux	630lm	3	5.27	1.76	67
Efficacy	53lm/W	4	7.03	2.34	38
TS1734 Imax=674cd/klm	Imax 605cd	5	8.78	2.93	24

RGB

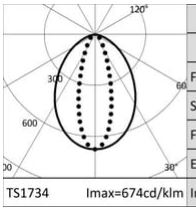
Fixture Power	8.7W
Nominal flux	511lm
Fixture flux	359lm
Luminous efficacy	41lm/W



-		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	9W	1	1.76	0.59	345
Source Flux	511lm	2	3.51	1.17	86
Fixture Flux	359lm	3	5.27	1.76	38
Efficacy	41lm/W	4	7.03	2.34	22
TS1734 Imax=674cd/klm	Imax 345cd	5	8.78	2.93	14

WHITE

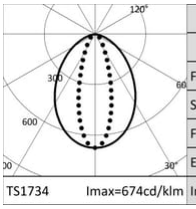
CCT nominal	3000K
Fixture Power	3.2W
Nominal flux	437lm
Fixture flux	307lm
Luminous efficacy	96lm/W



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	3W	1	1.76	0.59	295
Source Flux	437lm	2	3.51	1.17	74
Fixture Flux	307lm	3	5.27	1.76	33
Efficacy	96lm/W	4	7.03	2.34	18
TS1734 Imax=674cd/klm	Imax 295cd	5	8.78	2.93	12

RED

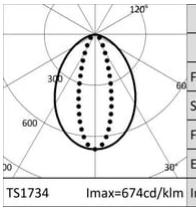
Fixture Power	2.3W
Nominal flux	157lm
Fixture flux	110lm
Luminous efficacy	48lm/W



-		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	2W	1	1.76	0.59	106
Source Flux	157lm	2	3.51	1.17	26
Fixture Flux	110lm	3	5.27	1.76	12
Efficacy	48lm/W	4	7.03	2.34	7
TS1734 Imax=674cd/klm	Imax 106cd	5	8.78	2.93	4

GREEN

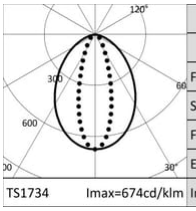
Fixture Power	3.3W
Nominal flux	322lm
Fixture flux	226lm
Luminous efficacy	69lm/W



-		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	3W	1	1.76	0.59	217
Source Flux	322lm	2	3.51	1.17	54
Fixture Flux	226lm	3	5.27	1.76	24
Efficacy	69lm/W	4	7.03	2.34	14
TS1734 Imax=674cd/klm	Imax 217cd	5	8.78	2.93	9

BLUE

Fixture Power	3.2W
Nominal flux	63lm
Fixture flux	44lm
Luminous efficacy	14lm/W



-		H(m)	D1(m)	D2(m)	Emax(lx)
-			83°	33°	
Fixture Power	3W	1	1.76	0.59	42
Source Flux	63lm	2	3.51	1.17	11
Fixture Flux	44lm	3	5.27	1.76	5
Efficacy	14lm/W	4	7.03	2.34	3
TS1734 Imax=674cd/klm	Imax 42cd	5	8.78	2.93	2

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

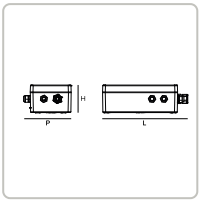
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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.

Related codes

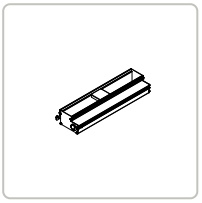
Power Supply



CODE
1E4271

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

Insertion Box



CODE	P	H	L
1E3729	94mm	58mm	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.

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

Tel: +39 055 37911
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.

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 indipendent 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.

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

Tel: +39 055 37911
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.