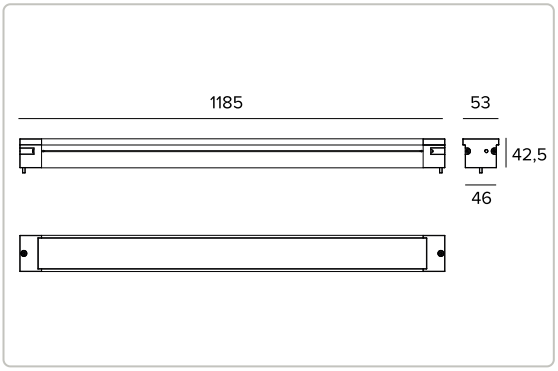
IN-GROUND LUMINAIRES

Jedi Compact Outdoor Recessed Louvre - Remote driver - L. 1185mm

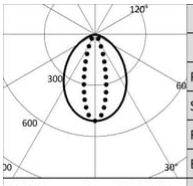
Code
1E3647

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 80	FL 29°	48W 3076lm

POWER SUPPLY CONTROL	COLOUR
500mA	



The figures on the drawing are expressed in mm.



3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			86°	29°	
Fixture Power	48W	1	1.86	0.52	3575
Source Flux	7040lm	2	3.71	1.05	894
Fixture Flux	3076lm	3	5.57	1.57	397
Efficacy	64lm/W	4	7.42	2.09	223
Imax	3575cd	5	9.28	2.62	143

Technical Data

Concept

Recessed linear LED projector.

Source

High Power High Efficiency Ra80 linear LED board. Ra90 on request.	
Energy efficiency class	D
Nominal power	48W
Nominal flux	7040lm
Colour rendering index	80
Rf	83.6
Rg	96.5
CCT nominal	3500K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	59000h 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	43.7%
Fixture flux	3076lm
Luminous efficacy	64lm/W
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 1185x53x43mm
Weight	3.4Kg
Version	Louvre - Remote driver
Degree of protection	IP66,IP67,IP68,IP69
Mechanical Resistance	IK08

Electrical characteristics

Remote driver version. Version with an integrated Louver effect grid. The optical unit is pre-cabled with a 1 metre 3x1mm² H07RN-F cable. Electronic ON-OFF or DALI power supply, pre-cabled with a 1 metre 3x1mm² H07RN-F cable for the connection to the optical unit and a 3x1mm² or 5x1mm² cable for the connection to the mains and to the DALI. Casambi control system available as an accessory (only for DALI versions).

Fixture Power	48W
Power supply	500mA
Insulation Class	CLASS 1
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

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. 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

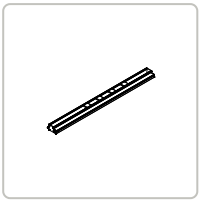
5 years.

Warning

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

Related codes

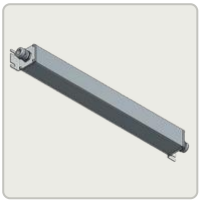
Insertion Box



CODE	P	H	L
1E3732	94mm	58mm	1189mm

Aluminium outer casing for Jedi Compact with remote driver.

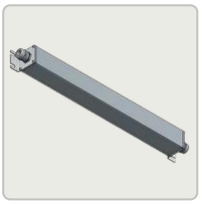
Power Supply



CODE

1E3558

ON-OFF power supply kit made of an aluminium watertight box (LxHxP=486x49.5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 593.5/625/873.5/905/1153.5/1185mm versions.



CODE

1E3560

DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 873.5/905/1153.5/1185mm versions.

Accessories

Tool

CODE

1E3305

Tightening wrench for the connector kit.

Connector

CODE

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

CODE

1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

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CODE

1E3184

IP68 4-way cable connector (5 pole).

Control systems

CODE

1E3048

IP67 wireless control unit with DALI interface.
It generates a local DALI2 bus, enhabling a direct connection to a DALI interface LED driver.
The module can only be used in a closed system and cannot be connected to an existing DALI network.
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology.
The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures.
The control unit is preset to the DALI 1CH profile, maning the device can control a single DALI driver with broadcast commands.
In addition to the DALI broadcast, other operating modes are available, such as:

- Button (normally open)
- Control unit 0/1-10V
- Control unit DALI Tunable White DT8
- Presence sensor

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.
LxHxP=108x28x65mm.

CODE

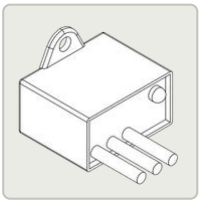
1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
It has a DALI2 output with the capacity to control up to 40 lighting fixtures.
With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures.
IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level.
In addition to the DALI broadcast other operating modes are available, such as:

- EXTENDER DALI 8CH
- EXTENDER DALI Tunable White
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.
LxHxP=148x40x150mm.

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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