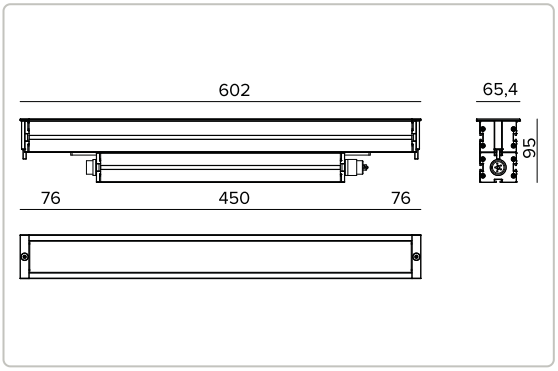
IN-GROUND LUMINAIRES

# Jedi Nova 55 Recessed 600

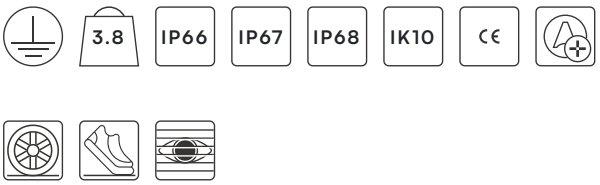
**Code**
## E0562GWL830D2BA

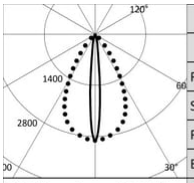
| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 3000K<br>80 | Grazing WFL<br>11° / 59° | 35W<br>3423lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 220-240Vac<br>DALI2 | |




**The figures on the drawing are expressed in mm.**




TS2151 Imax=2906cd/klm

| 3000K | | H(m) | D1(m) | D2(m) | Emax(lx) |
|---|---|---|---|---|---|
| Ra80 | | | 11° | 59° | |
| Fixture Power | 35W | 1 | 0.19 | 1.14 | 13217 |
| Source Flux | 4548lm | 2 | 0.37 | 2.28 | 3304 |
| Fixture Flux | 3423lm | 3 | 0.56 | 3.42 | 1469 |
| Efficacy | 98lm/W | 4 | 0.74 | 4.55 | 826 |
| Imax | 13217cd | 5 | 0.93 | 5.69 | 529 |

## Technical Data

### Concept

Recessed linear LED projector.

### Source

| | |
|---|---|
| High Power High Efficiency Ra80 linear LED board. | |
| Energy efficiency class | |
| Nominal power | 31.5 |
| Nominal flux | 4548lm |
| Colour rendering index | 80 |
| CCT nominal | 3000K |
| Lifetime (L80/B10) | 100000h tq +25°C |
| Lifetime (L90/B10) | 96000h tq +25°C |

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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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

Optic made of optical grade PMMA TIR lenses and a holographic filter.

| | |
|---|---|
| Optic | Grazing WFL |
| Beam angles | GRZ 10°x60° |
| Optical efficiency | 75.26% |
| Fixture flux | 3423lm |
| Luminous efficacy | 98lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Extruded anodised aluminium 15µ body. Extra clear 10mm thick glass flat screen.

| | |
|---|---|
| Colour and finish | Black anodized |
| Dimensions | AxBxH 602x65x95mm |
| Weight | 3.8Kg |
| Version | Standard |
| Degree of protection | IP66,IP67,IP68 |
| Mechanical Resistance | IK10 |

### Electrical characteristics

Integrated driver available in the DALI2 version (positioned below the optical body). Supplied with through-wiring withlongitudinal sealing IN/OUT panel connectors (the sealing limits the risk of humidity raising towards the driver/optical body). Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC.

| | |
|---|---|
| Fixture Power | 35W |
| Power supply | 220-240Vac 50/60Hz |
| Insulation Class | CLASS 1 |
| Type of driver / Control | DALI2 - PUSH |
| 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 anodised aluminium insertion box. Continuous in-line installation version available.

### Notes

Casambi control system available using a dedicated accessory. 110-277Vac version available on request. All versions meet the drive-over and walk-over requirements of EN 60598-2-13. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 1.5 metres (max.1h). 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.

### Regulations and Certifications

CE

## Technical Data

### 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.

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## Related codes

### Insertion Box

| CODE | VERSION | P | H | L |
|---|---|---|---|---|
| A113Z | Stand Alone | 100mm | 108mm | 606mm |

Aluminium outer casing for Jedi Nova 55.
In black anodised aluminum.

| CODE | VERSION | P | H | L |
|---|---|---|---|---|
| A114Z | System | 100mm | 108mm | 604mm |

Aluminium outer casing for Jedi Nova 55.
In black anodised aluminum.

### Mounting System

| CODE |
|---|
| A116 |

Fixing plate kit for A113 and A114 installation sleeves.
In aluminum.

## Accessories

### Connector

| CODE |
|---|
| A117 |

IP66/IP68 female connector.
5 pôles (STANDARD 3G2,5mm² MAX, DALI 5G1,5mm² MAX).
Cable diameter range from 7 to 12mm.

| CODE |
|---|
| A118 |

Male/female IP66/IP68 connector kit.
5 pôles (STANDARD 3G2,5mm² MAX, DALI 5G1,5mm² MAX).
Cable diameter range from 7 to 12mm.

| CODE |
|---|
| A119 |

Multiple connection box IP68.
1 IN - 2 OUT 5 poles (STANDARD 3G2,5mm² MAX, DALI 5G1,5mm² MAX).
Cable diameter range from 7 to 12mm.



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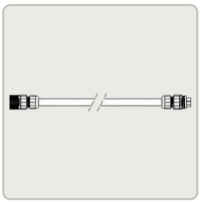
## Cable



| CODE | L |
|---|---|
| A120Z | 1000mm |
| A120Y | 2000mm |
| A120X | 3000mm |

Connection cable.
Complete with 5 pole connectors.
For the ON-OFF and DALI version.

## 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.



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