Titan B Luminaire

OLIVEWOOD
Efficiency Through Technology

Data Sheet

Product Description

Titan-B is a linear tri-proof luminaire, designed for use in demanding applications. The polycarbonate casing with integrated diffuser lens is lightweight and robust, whilst the aluminium end caps provide additional strength and protection. The luminaire is rated IP66 and is impact resistant to IK10.

The internal structure is a unique solution which allows for simple replacement of the gear tray and driver, in line with the latest eco design legislation. The PCB and driver assembly can be removed from the lamp body by simply removing one end cap and sliding the assembly out.
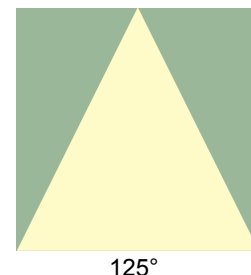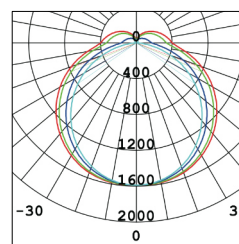
Titan-B is available with 3 hour emergency functions and can be supplied with a wide variety of controls including DALI, as well as Casambi and Hubsense wireless solutions.
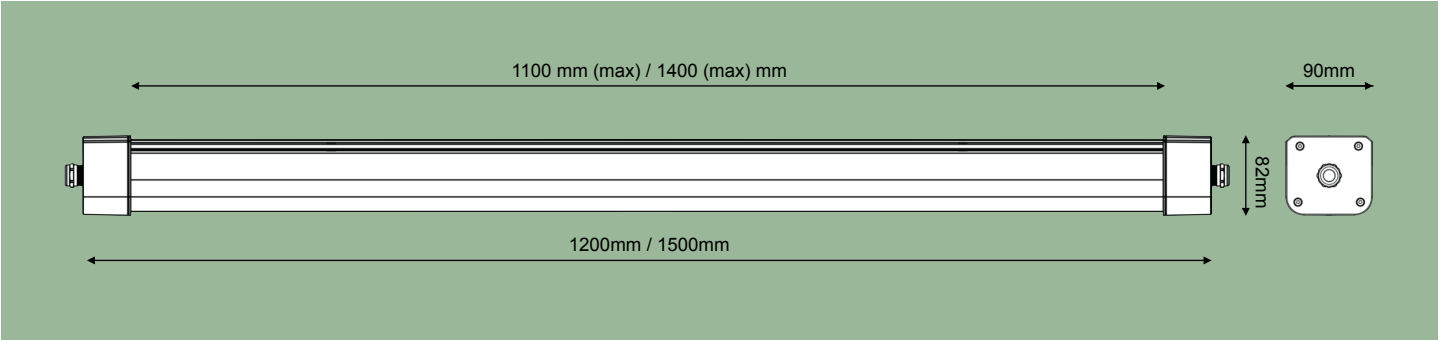
Key Features

- Compact design
- Multiple colour temperatures (3000K - 6000K)
- Up to CRI 95
- Up to 160lm/W
- Wide light coverage (125°)

- Through wiring possibilities
- IP66 & IK10
- RAL 7035
- Mounting kits available to cover most scenarios

Optical Characteristics

- Light source   LED
- Luminaire luminous flux   1200mm - 4480lm / 5440m / 6400lm / 7200lm

                                                1500mm - 5920lm / 7200lm / 8480lm / 10080lm

- Luminous efficacy   Up to 160lm/WV
- Single CCT   3000K / 4000K / 5000K / 6500K
- CRI   80 / 90 / 95
- SDCM   3
- Service life   L80B10 : 102000 hours / L80B50: 118000 hours
- Photo-biological safety   RG0

125°

Oliuewood Technology
Unit 5 Millhouse Barns, Cowslip Lane
Hewish, Weston-Super-Mare
BS24 6AH

T: +44 (0)1934 900 471
E: info@olivewoodtech.co.uk
@olivewoodtech

Titan B Data Sheet - V1 - 06012023

1

Titan B Luminaire

Data Sheet

Mechanical Properties

•	Certification	CE / Rohs / D mark	• Terminal connector	3/5 Terminal connector
•	Ingress protection	IP66	• Cable entry	M20 x 2 (1 at each end)
•	Impact resistance	IK10	• Housing colour	Grey (RAL 7035)
•	Protective class	Class I	• Installation	Ceiling / Suspension
•	Glow Wire	850°	• Weight	1200mm - 2.31Kg
•	Profile	Extruded Polycarbonate		1500mm - 2.88Kg

Electrical Characteristics

- Wiring — 3/5 wires; 3/5x1.5mm^2 wires through; 3/5x2.5mm^2 wires through
- Power — 1200mm 28 / 34 / 40 / 45W (power adjustable)
  1500MM 37 / 45 / 53 / 63W (power adjustable)
- Mains voltage — AC220~240V 50/60Hz; DC 180-264V 50/60Hz
- Power factor — ≥0.9
- THD — <20%
- Flicker factor — <1%
- SVM — <0.4
- Pst — <1
- Function — DALI / 1-10V Dim / Sensor | Emergency
- Circuit Breakers

Power	B10	B16	C10	C16
45W	20	32	33	53
63W	20	32	23	38

- Linkable Qty

Size	NX	NX	NX	NX
1200mm	27 (28W)	22 (34W)	19 (40W)	17 (45W)
1500mm	20 (37W)	17 (45W)	14 (53W)	12 (63W)

Accessories

- Surface mounting kit
- Suspension kit
- LED driver
- LED PCB board

Olivewood Technology
Unit 5 Millhouse Barns, Cowslip Lane
Hewish, Weston-Super-Mare
BS24 6AH

T: +44 (0)1934 900 471
E: info@olivewoodtech.co.uk
@olivewoodtech

Titan B Data Sheet - V1 - 06012023

2