

Extruded powder coated luminaire, utilising the latest in collimated led optical design offers the user a multi-functional lighting solution for low, medium and high bay applications.

Utilising latest generation LED modules and with task designed optics assures the user of the optimum use of light in a controlled and functional fashion. Providing an IP65 / IP20 optical solution guarantees excellent component longevity and safety. The 6 & 8 module 26000+ lumen plus packages are controlled using advanced Digital Dali driver technology. Located in a separate chamber this ensures that all components are thermally optimised and driven within limitations. The Sensor suite provides excellent IR, photocell definition and functional control thus achieving increased energy saving initiatives and site illuminance optimisation.

LED* Characteristics

- Light Source: 6 x 16 or 8 x 16 LED modules VS1
- Colour Temperature: 4000K
- Lumen Maintenance: L70/B10
- Symmetry: Various dependent on optic.
- Beam Angle: Various dependent on optic.
- Light Emission: Direct Colomated emission
- UGR viewing along longitudinal luminaire access: 23
- UGR viewing along lateral luminaire access: 21
- MacAdam Ellipses: ≤ 4 SDCM







Application

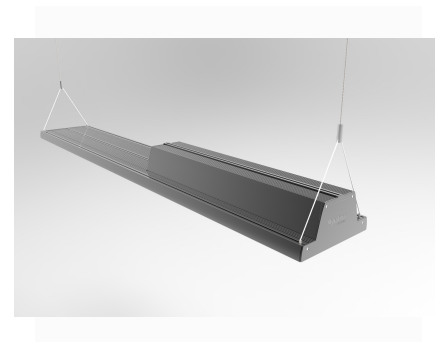
- Industrial, Warehouses, Distribution Centres - Chilled and Ambient (Interior Only)

Treax OPTICA

Medium and High Bay Luminaire

DATA SHEET

-  Emergency Lighting Plug and
-  Play Wiring Ingress
-  Protection - IP65 / IP20
-  Safety Standards
-  DALI Digital Interface Earth
-  Ground



Treax Optica



PIR Detail

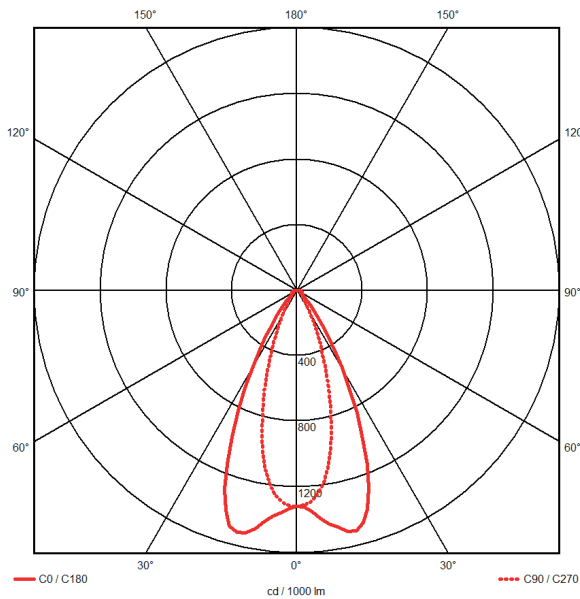
Construction

- Body: Extruded aluminium
- Paint: Anodised Black

Thermal Management

- Light Source and Driver are Suited to Ensure Optimal Thermal Management

Photometric Performance



Net luminous Flux: 4,450lm per Module - 6 Modules 26,700lm

8 Modules 35,600lm

Luminous Efficacy: 140.00lm/W

Luminous Opening: 240mm x 60mm

Colorimetric Details: CRI (Ra) ≥ 84

Mounting Height: Optic dependant up to 20m

Dimensions & Weight

Length: 1360mm - 6 Modules

Width: 210mm

Height: 110mm

Weight: 10 Kg

Electrical

Voltage: 220-240 V

Current: 700mA

Power: 220 W

Mains Frequency: 50-60 Hz

Power Factor: 0.97

Connectors: 4-Pole Wago Winsta 770

Approval

- Protection rating: Variants IP66 / IP20
Standard: VDE approved (acc.To EN62031)
Certification: CE
Permissible ambient temperature: -20-50°C

Service Life

50,000 hours

Warranty Details

50,000 hours

Control Gear*

- Dimmable LED Constant Current Drivers 700mA / 32W per Module - 6 Modules 192W

Sensor*

- Proprietary high bay PIR + LDR*

Installation

- Facilitating a number of suspension systems
- Full installation guide included

Patina Lighting Limited

Unit 14, Sandyford Office Park, Sandyford, Dublin 18, Ireland.
Tel: +353 (0)1 295 88 90
Email: info@patinalighting.ie
www.patinalighting.com



Printed on sustainable paper, sourced from managed forests.

Patina Lighting reserve the right to change specifications without notice. Please refer to www.patinalighting.com. Mail us for product specifications. Details accurate as of 1 May 2015. *Component datasheets available on request.

* Additional specifications available on request