

LED POLARIS

INDUSTRIAL LUMINAIRE

This robust industrial LED luminaire is ideal for warehouses and factories.

Easy to install with a plug and play system to minimise installation costs and future maintenance requirements.

Add a sensor to give outstanding energy savings for a quick return on investment. We have an extensive portfolio of sensors to take advantage of daylight and presence detection.



Applications:

- Warehouse racking areas
- Warehouse open areas
- Factories
- Retail back of house
- Workshops

Product Specifications:

- Finished in a resilient white paint finish
- Clear polycarbonate screen for even light distribution
- Plug and play for quick and easy installation
- Integral emergency option available
- Branded European driver
- Supplied with open area reflector or rack reflector

Colour Temperature Options:

/840: Colour 840

For **Plug and Play** information please see page 176

Occupancy and daylight sensor options available on this product

Optional Features:

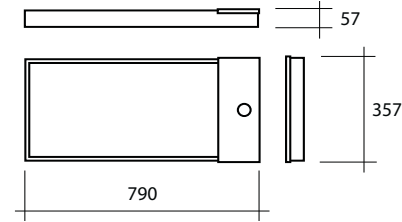
- /DL:** DALI Dim
- /AD:** 1-10v Dim
- /RR:** Rack Reflector
- /M3:** 3hr Maintained Emergency
- /BK:** Black paint finish

Installation options:

- Exposed T NO
- Plasterboard NO
- Metal Pan NO
- Surface YES
- Suspended YES

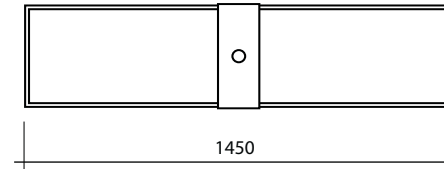
Optional Extras:

- /POL/MB:** Trunking Mounting Bracket (required for surface mount)



Order Codes

LED Polaris	Luminaire	Watts	Length	Width	Height
POL105/CO/850	13576	99	790	285	57
POL105/CO/RR/850	12082	99	790	285	57
POL140/CO/850	18102	132	790	357	57
POL140/CO/RR/850	16110	132	790	357	57



Order Codes

LED Polaris	Luminaire	Watts	Length	Width	Height
POL 210/CO/850	26741	195	1450	285	57
POL 210/CO/RR/850	23799	195	1450	285	57
POL 280/CO/850	35929	262	1450	357	57
POL 280/CO/RR/850	31976	262	1450	357	57

LED Polaris part code formula example:

Product Family	Watts	Gear Option	Optional Extra	Colour Temp	Emergency Option
POL	210	DL	RR	840	M3

Additional savings with a sensor assuming 20% occupancy in a warehouse, luminaire running at 10% light level when area is unoccupied.

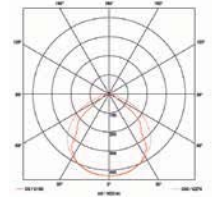
146 circuit Watt on full, 14.6 Watts on dim
Lamp maintenance, 50,000 hours
2044 K/Watts

Energy cost @ 11p - kwh = £224.84
No lamp maintenance

ENERGY SAVINGS
90%
TOTAL SAVINGS
£2157.16

ENERGY SAVINGS
66%
TOTAL SAVINGS
£1579.00

Fitzgerald[®]
www.fitzlight.co.uk



Polar Curve:
Photometric data is available online for dialux and relux.

Standard Technology

Surface 400w fitting
433 circuit watts
Lamp Maintenance 10,000
21,650 K/Watts
Total energy cost @ 11p-Kwh = £2382.00

LED Polaris

POL140/CO/850
146 circuit watts
Lamp Maintenance 50,000
7300 K/Watts

Total energy cost @ 11p-kwh = £803.00

INDUSTRIAL LUMINAIRE LED POLARIS