



*New
Vision
Lighting*

Efficient Warehouse Luminaire

Technical Data

EWL 454

The Efficient Warehouse Luminaire or EWL has been developed to meet the rising demand for a cost effective alternative to traditional Hibay or Lobay lighting. This 4 x 54w version can replace 400w Hibays mounted up to 16 metres, thereby reducing the energy consumption by 200w per fitting while still producing comparable light levels.

The EWL incorporates the use of T5 lamp technology. T5 lamps are specially designed to operate with high frequency control gear, which reduces operational losses and increases the overall efficiency of the lighting system. T5 lamps have an average lamp life of 30,000 hours and in comparison to other lamps, are up to 5 times more efficient. They have excellent colour rendering and high lumen maintenance. High frequency lighting is flicker free which greatly reduces the incidence of headaches and eye strain, thus improving workplace quality and productivity.

The fully welded body is manufactured in the UK using high quality sheet steel and is powder coated for durability. The body is also designed with a rear access panel to allow ease of wiring without disturbing the front of the luminaire. The reflectors are manufactured from Miro 4 which offers a reflectivity of 95% for maximum efficiency.

The EWL is available with either a Philips Luxsense sensor or an occupancy sensor. Both options provide economic cost savings. Luxsense can reduce energy usage by as much as 50% by lowering light output when sufficient daylight is present. Luxsense does not switch the luminaire, it simply adjusts the light output between 100% and minimum. For areas that are not continually occupied we can offer the EWL with an occupancy sensor. Again this sensor will allow the luminares to dim and brighten according to the level of natural light as well as respond to the movements that occur. Personnel entering an area will automatically activate the lighting and when they leave the lights automatically switch off and will only come on again when the area is occupied once more.

Emergency versions are also available in 3 hour maintained and we can offer the option of either a wire guard or polycarbonate panel if required.



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Base

High quality zinc coated sheet steel - 0.7mm
Powder coated for durability
Rear access panel to allow ease of wiring

Reflector

Manufactured from Miro 4 which offers a reflectivity of 95% for maximum efficiency

Electrical specifications

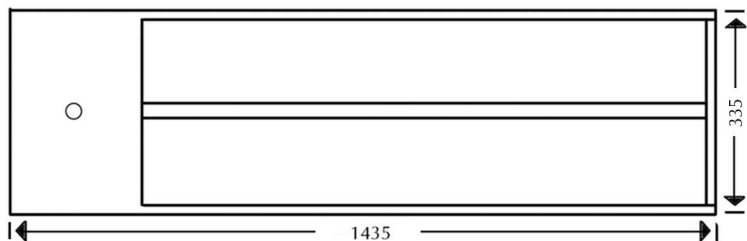
High Frequency Philips 54w ballasts
Operating range of -20°C to 50°C

- Optional

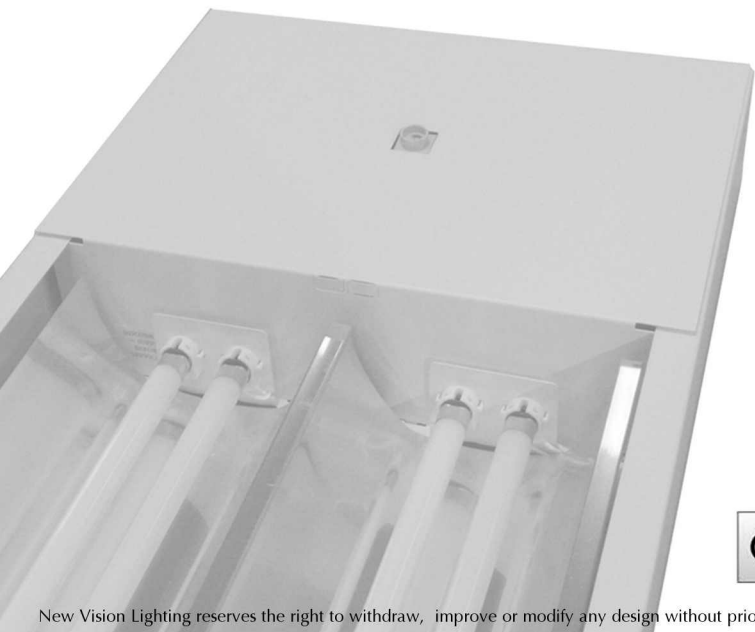
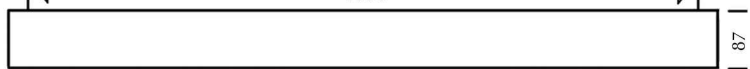
3 hour emergency modules
Dimmable High Frequency Philips ballast

Clips

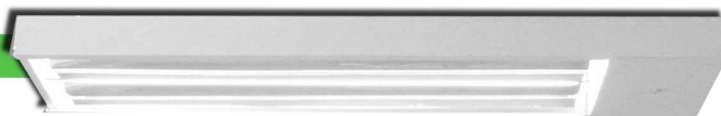
Comes complete with 4 x 'V-Clips' and gland



Fixing Points ('V-Clip')
1330



Technical Data EWL



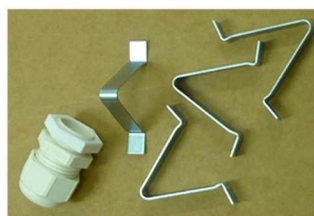
EWL



Wire mesh guard
(optional)



EWL Mounted



Comes with 4 x V-Clips
and gland



Light level sensor
(optional)

technical data type

Optional Information

Light level sensor
Occupancy sensor
Polycarbonate diffuser
Wire mesh guard

Lamps

Fluorescent T5 lamps - 4 x 54w
Optimum ambient temperature range 5°C to 70°C
Designed to operate on high frequency control gear
Average life of 30,000 hours
Excellent colour rendering
High lumen maintenance
Colour 840 (other colours available)

EWL T5	L mm	W mm	H mm	Lf mm	V-Clips	Kg	Kg m3
4 x 54w	1435	335	87*	1300	4	7	8

*90mm with sensor



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Minimum quantity may be required on some non-standard lines