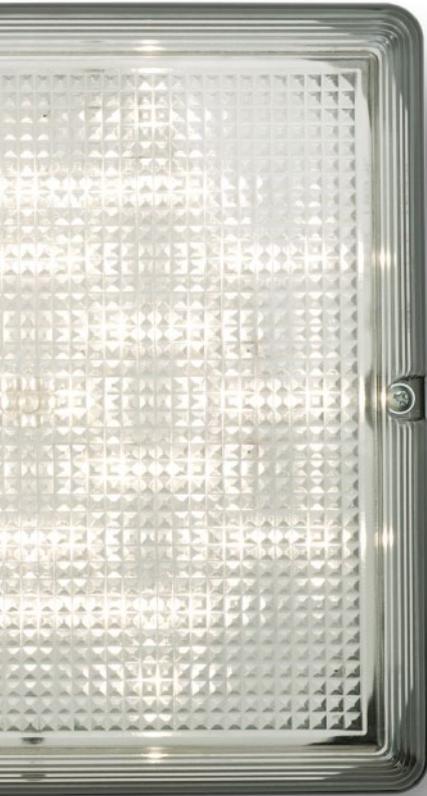


# GalaxyLED





# The GalaxyLED

The Galaxy range of back-lit LED luminaires utilises a multi-LED array to reduce the 'bright spot' visual effect associated with single point LEDs placed behind a clear prismatic diffuser. Total dissipation of that effect can be achieved by the simple use of an opal diffuser – although luminaire output efficiency will be compromised.

Significant cost and energy savings can be achieved with our new Galaxy range:

- Average life of >50,000 hours resulting in drastically reduced maintenance cycles
- Efficiency of over 60lm/W – ECA compliant
- Microwave sensor switching – this offers instant switching of the luminaire if movement is detected (without lamp life reduction suffered by CFLs due to frequent switching)

As you would expect, Fern-Howard luminaires are supplied with a hinged gear tray, and our legendary Time-in-a-Box packaging method further contributes to a labour, time and cost-saving installation process.

#### Options:

- 12W, 20W and 30W high-efficiency back-lit LED configurations (depending on luminaire size)
- 3 hour Emergency Maintained versions
- Microwave Presence Detector
- Integral Photocell

#### Full life cost comparison 2D vs LED luminaires over a running life of 50,000 hours



ALLEYCAT ROUND



ALLEYCAT SQUARE



COLUMBUS



GALILEO II



MER





WATTAGE	12W	20W	30W
Qty of LED's*	27	40	56
Geartray Lumens	950	1600	2150
Colour Temperature	4000K	4000K	4000K
CRI	80	80	80
Life	=> 50,000 hours	=> 50,000 hours	=> 50,000 hours
Efficacy - Lumens/Watt	79	80	72
Warm-up-time	Instant	Instant	Instant
3 Hour Maintained (12%)	✓	✓	✓†
Integral Photocell	✓	✓	✓
Integral Microwave Sensor	✓	✓	✓

\* Due to the continuing advancement of LED technology, the number of LEDs on the boards may vary  
 † 30W EM not suitable for all ranges



### Retrofit Gear Trays

Individually packed gear trays are available in 12W, 20W or 30W versions, ideally suited to upgrade existing Fern-Howard 2D luminaires. These are quick and easy to install and a cost-effective solution to convert existing installations from 2D to LED.

INDIAN

MINI-MAX

TROJAN ROUND

TROJAN SQUARE

YEOMAN



**Fern-Howard has been a market-leading manufacturer of energy efficient, high quality and reliable luminaires since 1987.**

With a range known for functional and stylish designs, Fern-Howard products have an enviable reputation among users, specifiers and installers.

We manufacture over 500,000 fittings every year at our state-of-the-art UK factory, making everything from vandal proof designs to self-testing and DALI control units. Much of our success is due to our capacity to innovate in a rapidly changing market – an ability that has led both to our Time-in-a-Box packaging for quick and easy installation, and now to our ground-breaking LED edge-lit technology.

## Technical Notes:

- Photometric data including polar curves for each luminaire is available on our data sheets
- As LEDs are subject to system variations that change for every model, LOR values are not published in this brochure but are available on our data sheets for each specific model
- Lumen output is stated for the bare light module
- Due to the continuing advancement of LED technology, the number of LEDs on the boards may vary

**FernHoward**  
Lighting

Fern-Howard, 2 Newman Lane, Alton, Hampshire, GU34 2QR, United Kingdom.  
**Tel:** +44 (0)1420 470400 **Fax:** +44 (0)1420 489536 **Email:** [lighting@fernhoward.com](mailto:lighting@fernhoward.com)  
[www.fernhoward.com](http://www.fernhoward.com)

Registered in England Reg. No. 3202749

We reserve the right to alter specifications without notice in accordance with our policy of continuous product improvement. Design and copyright rights reserved and our standard Terms & Conditions apply.

