

# Goodlight™

## Eco LED Panels

### KEY FEATURES

Replaces modular fluorescent luminaires

Ultra thin at <10mm thickness

High lumen output

Various installation options

Dimmable

Emergency Unit (3Hr)

Custom sizes

### ENERGY SAVINGS

>70%

### LAMP EFFICACY (AVE)

95<sub>Lm/W</sub>



# Goodlight™ Eco LED Panels



An economic and easy-to-install replacement for bulky, energy hungry banks of tube lights, offering a softer, more natural spread of light.

The Goodlight™ modular Eco LED Panel (dimnable) is designed to slot into an existing ceiling system (grid) with ease, available in standard sizes. With several options created to suit different applications, it is also the thinnest, most light weight panel on the market. Features include a pure aluminium frame and backboard allowing for low heat operation and

stability, with a patented light guide providing uniform light which transmits over 95% light efficiency. The results are a reliable, colour-consistent range of light tiles combining energy efficiency with superior light performance. Options include a dimmable driver and/or an emergency function.

## REPLACES

T8 FLUORESCENT TUBES  
MODULAR T8 FIXTURE  
MODULAR T5 FIXTURE  
MODULAR CFL FIXTURE

## SUITABLE FOR

OFFICES AND COMMERCIAL  
DISPLAY AND RETAIL  
GENERAL LIGHTING  
ACCENT LIGHTING  
SPECIAL PROJECTS

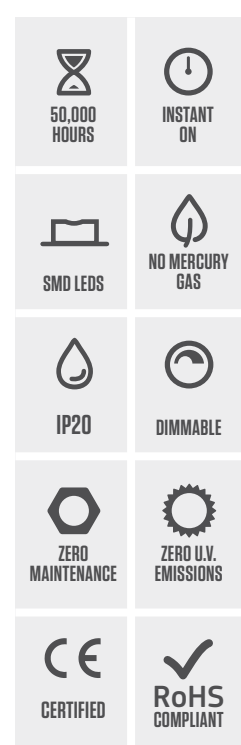
## OPERATING TEMP.

-20°C > 40°C

## WHITE TEMPERATURE



## WHITE TEMPERATURE



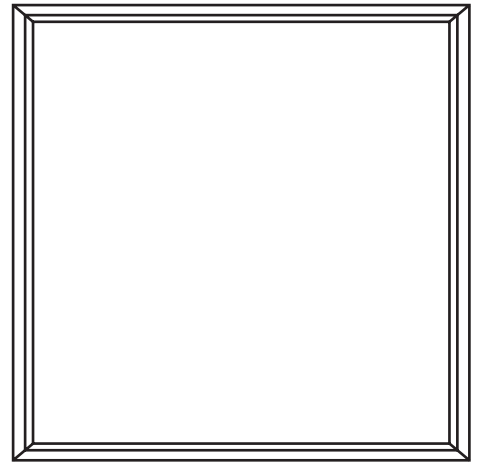
**5 YEAR**  
GUARANTEE

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## Eco LED Panels

### ELECTRICAL PARAMETERS

Input Voltage	100 – 240V AC
Frequency	50Hz – 60Hz
Power Factor	> 0.9
Operating Temp	-20°C to 40°C
Housing	Aluminium / PC
Beam Angle	120°
CRI (Ra)	>80
IP Rating	IP20
Dimmable	Yes (requires Dimmable Power Supply)
Lifespan	50,000 Hours
Lumens per Watt (ave.)	95
Complies with	EN62031: 2008, EN55051: 2006+AI:2007+A2:2009, EN61547:2009, EN61000-3-3:2008, EN61000-3-2:2006+AI:2009+A2:2009, EN60598-2-1:1989, EN60598-1:2008+AI:2009 ROHS (2001/95/EC-2005/618/EC), REACH (1907/2006/EC)



### TECHNICAL DETAILS

DIMENSIONS (mm)	WATTAGE	PRODUCT CODE	COLOUR TEMP	LUMENS	LUMINANCE CONE	DISTRIBUTION CURVE
300 x 300	20W	LEDLP2002	Daylight (6,000K)	1,900		
		LEDLP2001	Natural (4,000K)	1,800		
		LEDLP2003	Warm (3,000K)	1,660		
300 x 600	25W	LEDLP3622	Daylight (6,000K)	2,375		
		LEDLP3621	Natural (4,000K)	2,250		
		LEDLP3623	Warm (3,000K)	2,075		
300 x 1200	45W	LEDLP3452	Daylight (6,000K)	4,275		
		LEDLP3451	Natural (4,000K)	4,050		
		LEDLP3453	Warm (3,000K)	3,735		
500 x 500	28W	LEDLP5282	Daylight (6,000K)	2,660		
		LEDLP5281	Natural (4,000K)	2,520		
		LEDLP5283	Warm (3,000K)	2,324		
600 x 600	28W	LEDLP2802	Daylight (6,000K)	2,660		
		LEDLP2801	Natural (4,000K)	2,520		
		LEDLP2803	Warm (3,000K)	2,324		
600 x 600	40W	LEDLP4002	Daylight (6,000K)	3,800		
		LEDLP4001	Natural (4,000K)	3,600		
		LEDLP4003	Warm (3,000K)	3,320		

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### TECHNICAL DETAILS (CONTINUED)

DIMENSIONS (mm)	WATTAGE	PRODUCT CODE	COLOUR TEMP	LUMENS	LUMINANCE CONE	DISTRIBUTION CURVE
600 x 600	45W	LEDLP5002	Daylight (6,000K)	4,275		
		LEDLP5001	Natural (4,000K)	4,050		
		LEDLP5003	Warm (3,000K)	3,735		
1200 x 600	45W	LEDLP4502	Daylight (6,000K)	4,275		
		LEDLP4501	Natural (4,000K)	4,050		
		LEDLP4503	Warm (3,000K)	3,735		
1200 x 600	70W	LEDLP7002	Daylight (6,000K)	6,650		
		LEDLP7001	Natural (4,000K)	6,300		
		LEDLP7003	Warm (3,000K)	5,810		

\*Photometric data available on request.

Test Conditions: Dark room, single lamp only.



### EMERGENCY UNIT

Emergency unit with battery back-up for all models requires **LEDLPEMG**. This must be ordered separately.

All emergency units include 3hr battery function in the event of mains failure. All battery units are supplied with a 1 Year Guarantee against failure. An annual battery testing routine and replacement (if required) is advised.

### INSTALLATION ACCESSORIES

#### Surface-mount Kit for 600 x 600mm Fixtures

LEDLPSMKIT

#### Surface-mount Kit for 600 x 1200mm Fixtures

LEDLPSMKIT2

#### Suspension Panel Kit for 600 x 600mm Fixtures

LEDLPSWKIT (4 pcs)

#### Suspension Panel Kit for 600 x 1200mm Fixtures

LEDLPSWKIT2 (8 pcs)

### OPTIONAL FRAME (FOR SURFACE MOUNT)

#### LED Panel Surface Mount Frame 300 x 300mm

LEDLPSMF300

#### LED Panel Surface Mount Frame 600 x 600mm

LEDLPSMF600