

# ecoPhos® PL LED

## - Flat Panel LED Lights



saving energy doesn't have to cost the earth™

- ◆ Easy-fit flat Panel LED light fittings - installs easily
- ◆ Saves a minimum of 60%\* on existing fluorescent lamps
- ◆ High quality, long-life LED components



### Product Features

- ◆ Low cost, high quality LED flat panel fittings - designed for highly efficient power use and maximum light output
- ◆ Panel: Diffused lens for even light distribution with inbuilt reflector and electronic control gear
- ◆ Mounting: Easily retrofits into standard sized fluorescent lamp luminaire ceiling spacings

### Applications

- ◆ Retail & Shop front display, shopping concourses and entrances
- ◆ Commercial/offices/classrooms/carparks/any fluorescent application
- ◆ Lighting for re Fridgerated and/or heat sensitive areas

### SPECIFICATION GUIDE

Product Name & Product Code	Panel Light Colour	Panel Dimensions (mm)	Corr. Colour Temp <sup>1</sup> (T <sub>cp</sub> )	Luminous Flux <sup>2</sup> (lm)	Rated Power <sup>3</sup> (W)
<b>PL600 42W</b> (Replaces 4 x 18W T8)					
PL600-42D 20465045	Daylight	600 x 600	6000	3450	42
PL600-42WW 20465043	Warm White	600 x 600	3000	2990	42
<b>PL1200 42W</b> (Replaces 2 x 36W T8)					
PL1200-42D 20465138	Daylight	1200 x 300	6000	3450	42
PL1200-40WW 20465144	Warm White	1200 x 300	3000	2990	42

#### NOTES:

- \* Actual savings will depend on tube wattage and ballast type.
1. Variations in colour temperature may occur when choosing products created in different batch lots.
2. The total lux values may vary in different applications.
3. Power rating is panel and LED driver together and may vary by ± 10% due to component changes.
4. Not to be used in wet or humid areas - protect from moisture.
5. ecoPhos® PL panels now coupled with dimmable SAA and EMC approved ecoPhos® LED drivers.
6. Warranty of three (3) years applies to both Panel and power supply.

### TECHNICAL

ecoPhos® PL LEDs meet these international standards:

- IEC 61547:1995 inc A1:2000
- IEC 61547:1996 inc A1:2001
- AS/NZS CISPR 15:2006
- CISPR 15:2005 inc A1:2006 & A2:2008
- EN 55015:2006 inc A1:2007
- EN 61000-3-2:2006
- EN 61000-3-3:1995 inc A1:1998, A2:2002 & A3:2006
- CISPR 22:2006

Av LED Op. Temperature:	<70° C
Av Panel Temperature:	<60° C
Design Life:	60,000 hours
Panel Weight:	~ 5.0kg
Warranty:	Three (3) years

### COMPLIANCE

Beam angle:	120°
Input Voltage:	220-240 VAC 50/60 Hz
Power Factor:	>0.95
CRI:	>70



saving energy doesn't have to cost the earth™

**ecoBright® Pty Ltd**  
Office 15, 207-211 Buckley St  
Essendon VIC 3040 Australia  
T: +61 3 9331 0027 F: +61 3 9331 0028  
E: sales@ecobright.com.au  
W: www.ecobright.com.au

**ecoBright® energy solutions Ltd**  
6 Airborne Rd  
Albany Auckland 0632 New Zealand  
T: +64 9 415 7345 F: +64 9 415 7346  
E: sales@ecobright.co.nz  
W: www.ecobright.co.nz