

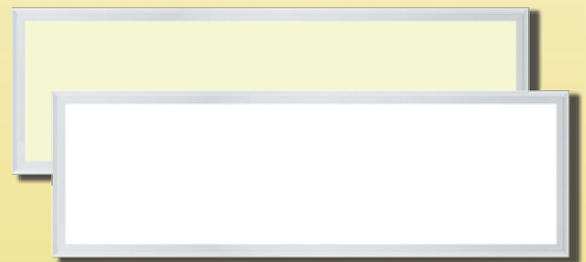
# ecoPhos<sup>®</sup> PL-MC LED

## - LED Colour Changing Panels

- ◆ Change LED light colour from Warm White to Brilliant White
- ◆ Saves a minimum of 50%\* on existing fittings
- ◆ High quality, long-life LED components and control gear

### Product Features

- ◆ Change LED colour to suit your mood - from Warm White (2800°K) to Brilliant White (6500°K) and all the colours in between.
- ◆ Sizes: Designed to replace standard office fluorescent luminaire spaces (1200x300mm & 600x600mm) - custom sizes also available.
- ◆ Housing: Precision cut high quality anodised aluminium frame with hi-tech Japanese Polymethyl Methacrylate Light Guide Panel and diffuser.
- ◆ Mounting: Retrofits into standard fluorescent lamp ceiling spaces and can also be surface mounted with ecoPhos<sup>®</sup> PL mounting kit.
- ◆ Control gear: SAA Approved ecoPhos<sup>®</sup> LED driver, 240V flex & plug & ecoPhos<sup>®</sup> remote RF controller.
- ◆ Dimmable: Compatible with trailing edge and universal dimmers.

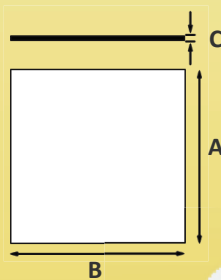


### Applications

- ◆ Retail, Commercial/office lighting
- ◆ Residential applications - kitchens, bedrooms and living areas

### MEASUREMENT GUIDE

| Product    | A    | B   | C    |
|------------|------|-----|------|
| PL-MC 600  | 597  | 597 | 11mm |
| PL-MC 1200 | 1197 | 297 | 11mm |



RF Remote & dimmer transponder

### SPECIFICATION GUIDE

| Product Name & Product Code                 |          |
|---|----------|
| <b>ecoPhos<sup>®</sup> PL-MC LED Panels</b> |          |
| PL-MC 600                                   | 20465061 |
| PL-MC 1200                                  | 20465062 |




Optional surface mount kit

### TECHNICAL

|                                  |                        |
|----------------------------------|------------------------|
| Power usage <sup>1</sup> :       | <b>42W</b>             |
| Av. Luminous efficacy:           | <b>79 lm/W</b>         |
| Cor. Colour Temp. <sup>2</sup> : | <b>2800 - 6800 °K</b>  |
| Luminous Flux <sup>3</sup> :     | <b>3200 - 3400lm</b>   |
| No. of LEDs:                     | <b>768 pieces</b>      |
| Op. Temp. range:                 | <b>-40 - +50 °C</b>    |
| Rel. Humidity range:             | <b>10 - 80% RH</b>     |
| Net Weight:                      | <b>4.2 kg</b>          |
| Design Life:                     | <b>50,000 hours</b>    |
| Warranty:                        | <b>Three (3) years</b> |

### COMPLIANCE

|                     |   |
|---------------------|---|
| Ingress Protection: | <b>IP41</b>   |
| Beam angle:         | <b>120°</b>   |
| Input Voltage:      | <b>220-240 VAC<br/>50/60 Hz</b>   |
| Power Factor:       | <b>&gt;0.90</b>   |
| CR Index:           | <b>&gt;70</b>   |
| Equipment Class:    | <b>Class II</b>  |

### NOTES:

- \* Actual savings will depend on lamp wattage and power supply type.
- 1. Power consumption includes LED driver and can vary by +/-10% - use only with ecoPhos<sup>®</sup> LED driver provided.
- 2. Colour range is variable with remote RF control. Slight variations in colour temperature may occur when choosing products created in different batch lots.
- 3. The total lumen output shown in this table will vary according to colour and beam angle.
- 4. Not available as a circular panel - choose from the ecoPhos<sup>®</sup> Circular Panel or Oyster light LED ranges instead.
- 5. Not to be used in totally enclosed or wet or humid areas - please call your nearest ecoBright office for advice.
- 6. ecoBright<sup>®</sup> is committed to continuous product improvement - specifications may change without notice - please confirm availability of the product chosen at time of order placement.



The information provided in this brochure is of a general nature, contact your nearest ecoBright<sup>®</sup> office for assistance with specific applications. ecoBright Pty Ltd (ecoBright<sup>®</sup>) makes no warranty as to the completeness or accuracy of the information provided and, to the fullest extent permitted by applicable law, ecoBright<sup>®</sup> and its subsidiaries are not liable for any costs, loss or damage incurred in connection with use of the information provided in this brochure.

ecoBright easy save<sup>®</sup> and the Droplet, Leaf & Sunlight Logo are registered trade marks of ecoBright Pty Ltd ABN 73 121 912 356, Suite 15, 207-211 Buckley Street, Essendon VIC 3040.