

## SmartPanel 2.0



SmartPanel 2.0 keeps the design continuity of SmartPanel 1.1 with performance improvement and more cost effective structure. It offers two lumen options with higher system efficacy, 80lm/W @ 4000K.

Reliability is improved by the extending of lifetime from 30K hours to 50K hours L70 Ta 25°C



### Benefits

- 50% more energy efficient compared to conventional T5 solution
- Slim design preferred by lighting designer and specifier
- Deliver uniform and soft light with sufficient lumen output

### Features

- System efficiency 80lm/W
- CRI >80, SDCM <=5
- High reliability, 50k hours (L70@25deg)

### Applications

- Open plan office
- Cell office
- Hospital
- Meeting/Training room



**PHILIPS**

# SmartPanel 2.0

## Specifications

|                                  | <b>SmartPanel 2.0</b>  |
|----------------------------------|--|
| <b>Type</b>                      | RC160B 25S / 34S   |
| <b>System lumen output</b>       | 2500lm, 3400lm   |
| <b>Voltage</b>                   | 220-240V 50/60Hz   |
| <b>Power consumption</b>         | 32W / 42W  |
| <b>Efficacy</b>                  | 80lm/W   |
| <b>Power factor</b>              | >= 0.9   |
| <b>LED driver</b>                | Fixed output / DALI  |
| <b>SDCM</b>                      | <=5  |
| <b>CRI</b>                       | 80   |
| <b>Color temperature</b>         | 4000K , 6500K  |
| <b>Materials and finishing</b>   | Housing: Plastic frame + SECC back housing (T=0.6mm)<br>Optics: PS diffuser + PMMA light guide panel + PET reflector<br>Color: White plastic frame + grey back housing |
| <b>Lifetime</b>                  | 50,000 hours<br>(70% lumen maintenance @ Ta = 25°C)  |
| <b>Working Temperature Range</b> | - 20°C < Ta < 40°C   |
| <b>Dimensions</b>                | RC160V ... W60L60 : 597 x 597 x 46mm<br>RC160V ... W30L120 : 297 x 1197 x 46mm   |
| <b>Weight</b>                    | RC160V ... W60L60 : 4.0KG<br>RC160V ... W30L120 : 4.2KG  |
| <b>Mounting Type</b>             | Recessed, Suspended  |
| <b>Accessory</b>                 | Suspension kit for suspended version   |
| <b>IP rating</b>                 | IP20   |
| <b>Certifications</b>            | CB, CCC  |

# Ordering information

| <b>12NC</b>  | <b>Product Description</b>         |
|--------------|------------------------------------|
| 911401500221 | RC160V LED25S/865 PSU W60L60       |
| 911401500121 | RC160V LED25S/840 PSU W60L60       |
| 911401599811 | RC160V LED34S/865 PSU W60L60       |
| 911401500621 | RC160V LED34S/865 PSD W60L60       |
| 911401599711 | RC160V LED34S/840 PSU W60L60       |
| 911401500521 | RC160V LED34S/840 PSD W60L60       |
| 911401500321 | RC160V LED25S/840 PSU W30L120      |
| 911401599911 | RC160V LED34S/840 PSU W30L120      |
| 911401500721 | RC160V LED34S/840 PSD W30L120      |
| 911401500821 | RC160V LED34S/865 PSD W30L120      |
| 911401500421 | RC160V LED25S/865 PSU W30L120      |
| 911401500021 | RC160V LED34S/865 PSU W30L120      |
| 911401501721 | RC160Z SMS PSU GM (suspension kit) |
| 911401501621 | RC160Z SMS PSD (suspension kit)    |

- More options available on request



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March 2014  
Data subject to change