

## OWL CRI 90

LED 

A high CRI version of the standard OWL 600x600 LED panels for use in areas which require a higher quality of colour rendition. Ideal for use in retail applications and hospital areas such as examination, treatment and recovery rooms, dentistry, ophthalmology, resuscitation and laboratories. Education projects can also benefit: art rooms, textiles and craft areas, and some laboratories can all benefit with enhanced colour rendering.

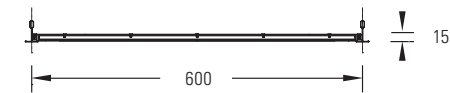
CRI is measured across the first 8 colours of the chart below. It is possible to achieve a high CRI but have low values for the saturated colours of red (R9), green (R11) and blue (R12) leaving colours looking pale and washed out.

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
95	96	94	94	93	92	98	94	85	89	93	70	96	96

High CRI OWL Panel

- The high CRI OWL panels have increased colour rendering across all 14 samples, ensuring an excellent quality of light and enhanced reproduction of colour.
- Extruded aluminium body section houses the LEDs and acts as a heat sink. Recessed body supplied in silver. Surface and suspended bodies supplied in white (RAL9010) as standard, silver (RAL9006) available on request.
- Available in recessed, surface and suspended version, with all the dimmable and emergency options of the standard panel, the OWL CRI 90 is a flexible and high performing luminaire.
- A sandwich of acrylic opal panel below a graduated screen printed clear panel ensures the light is transmitted evenly from the perimeter LEDs to the centre of the panel.
- The OWL has an extremely wide even distribution at all angles of azimuth. This results in high vertical illuminances and evenly lit walls from ceiling to floor.

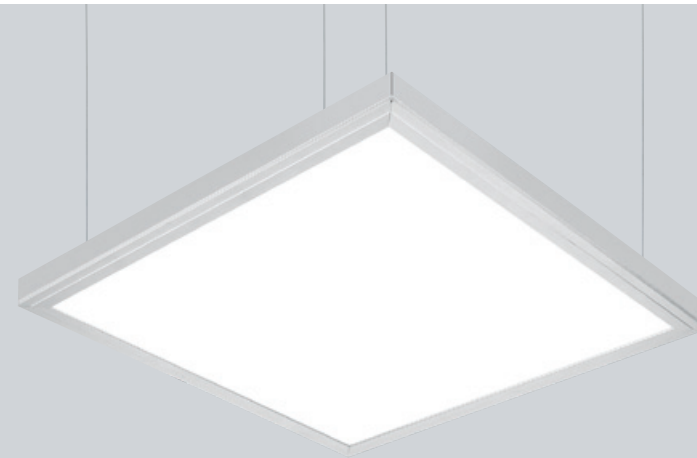
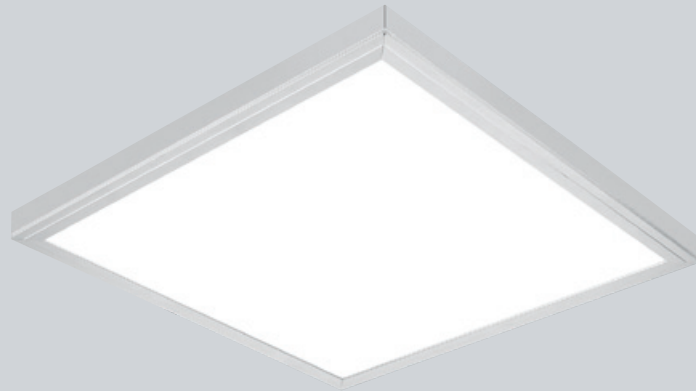
## Recessed Exposed Tee Ceilings



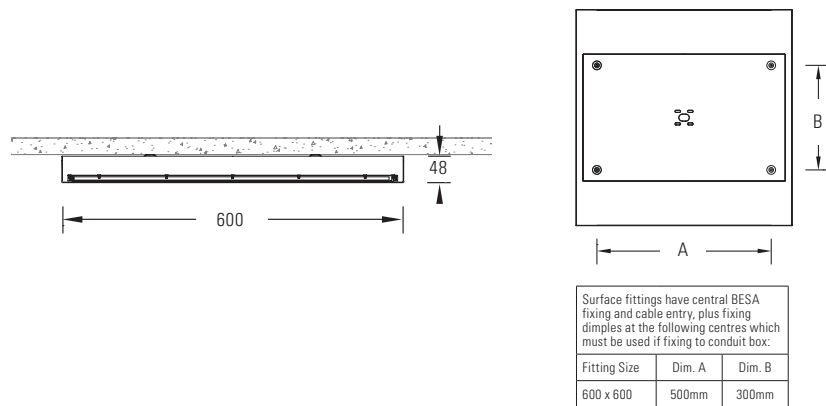
Remote gear box size 450x150x50mm

Catalogue No.	Luminaire Flux (Lumens)	LED Wattage	Total System Wattage	Luminaire Lumens / Circuit Watt	Colour Temp	CRI	Weight (Kg)
OWL66/27/4K9	2700	32.7	36.6	74	4000K	>90	5.5
OWL66/34/4K9	3400	43.5	48.7	70	4000K	>90	5.5

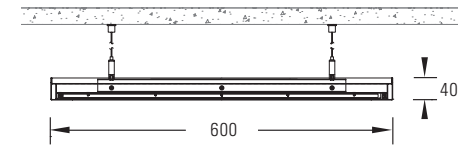
- Colour rendering index Ra >90.
- Predicted lifetime >50,000 hours.
- Colour temperature – available in 4000K version.
- IP 40 rated.
- No ultra violet or infra red emissions.
- Tridonic drivers supplied as standard. Available in fixed output, DALI, DSI or Switchdim operation.
- Standard, self test and DALI reporting 3 hour maintained emergency conversions are available. Emergency LED charge indicators are mounted in the body of the surface and suspended version and in a remote 35mm diameter (20mm cut out) housing for the recessed version.
- Photometric data available in Eulumdat format on request or via Relux website.
- Standard ITAB Prolight LED warranty (see page 161).



Surface



Suspended



Please specify required suspension length at time of enquiry.

Catalogue No.	Luminaire Flux (Lumens)	LED Wattage	Total System Wattage	Luminaire Lumens / Circuit Watt	Colour Temp	CRI	Weight (Kg)
OWL66/27/4K9/SM	2700	32.5	36.0	75	4000K	>90	7.5
OWL66/34/4K9/SM	3400	41.0	45.6	74	4000K	>90	7.5

Catalogue No.	Luminaire Flux (Lumens)	LED Wattage	Total System Wattage	Luminaire Lumens / Circuit Watt	Colour Temp	CRI	Weight (Kg)
OWL66/27/4K9/SP	2700	32.5	36.0	75	4000K	>90	7.5
OWL66/34/4K9/SP	3400	41.0	45.6	74	4000K	>90	7.5

**Dimmable Drivers:** To specify DALI/DSI driver add 'D' to catalogue number: e.g. OWL66/27D/4K9/SM  
 To specify DALI/DSI driver wired for Switchdim operation, add 'DW' to catalogue number: e.g. OWL66/34DW/4K9/SM  
**Emergency Conversion:** To specify 3 hour maintained emergency packs, add 'E' to catalogue number: e.g. OWL66/34E/4K9/SP  
**Self Test Emergency Conversion:** To specify 3 hour maintained emergency packs, add 'ES' to catalogue number: e.g. OWL66/34ES/4K9/SP  
 For **Plasterboard Frame**, please quote catalogue number: OWL/660/PB FRAME; cut out required: 625x625mm