

## COMMERCIAL LIGHTING

### ETERNITY RECESSED CIRCULAR LED LIGHT PANELS WITH SWIFT CONNECTOR



Product Codes	Standard: R18230DLWW-01	R18230DL-01	R25230DLWW-01	R25230DL-01
Emergency:	R18230DLWWE-01	R18230DLE-01	R25230DLWWE-01	R25230DLE-01
Comparable to:	2X18W PL	2X18W PL	2X26W PL	2X26W PL
<b>Total Power Consumed (W):</b>	18	18	25	25
<b>Total Light Output (lm):</b>	1450	1600	2000	2200
<b>Efficacy (Llm/cctW):</b>	80	89	80	89
<b>Illuminance @1m (lx):</b>	550	600	700	750
<b>Beam Angle (Deg):</b>	110	110	110	110
<b>Correlated Colour Temp (CCT):</b>	3000	4000	3000	4000
<b>Colour Rendering Index (Ra):</b>	85	85	85	85
<b>Emergency Light Output (lm):</b>	300	400	300	400
<b>Warranty (yrs):</b>	5	5	5	5
<b>Rated LED Life (hrs):</b>	50000	50000	50000	50000
<b>Operating temperature range (OC):</b>	0	0	0	0
<b>Ingress Protection (IP):</b>	54	54	54	54
<b>Impact Rating (IK):</b>	0	0	0	0
<b>Power Factor:</b>	>0.9	>0.9	>0.9	>0.9
<b>Operating Voltage:</b>	100-240	100-240	100-240	100-240
<b>Cut Out(mm):</b>	205	205	205	205
<b>Diameter (mm):</b>	230	230	230	230
<b>Box Qty</b>	0	0	0	0
<b>Weight (Kg):</b>	0.81	0.81	0.93	0.93
<b>Complete emergency kit for Eternity, Atmos or Space panels:</b>	R3EMLPK-01			
<b>265mm Wide Flange Extension for larger holes:</b>	R1825265TRIM-01			

Complementing the successful range of square and rectangular LED light panels, these clean looking, slim profile circular fittings are quick and simple to install.

Utilising state of the art SMD LED technology they provide exceptional lighting performance comparable to traditional PL compact fluorescent with energy savings in excess of 50% being achieved. They comply with today's and future Building Regulation requirements with efficacy values of over 80 luminaire lumens per circuit watt. Designed for optimum performance and reliability, the neutral white versions comply with the Energy Technology Criteria and are eligible for Enhanced Capital Allowances. Typical installations would include:

- Offices
- Health Centres
- Shops
- Universities
- Reception areas
- Schools
- Care homes
- Hospitals
- Restaurants
- Atriums
- Hotels
- Inspection areas
- Shopping Malls

FEATURES	BENEFITS
• Neutral white versions comply with the requirements of the Energy Technology Criteria List	• Accelerated Capital Allowances may be claimed, increasing cash flow and effectively reducing the cost of these premium quality lighting solutions
• 265mm extension flange available	• Covers badly cut or larger hole cut-outs. Ideal for retro-fit
• Emergency, dual power & dimmable options	• All user application requirements can be provided for
• Clean & stylish lines with aluminium trim and low glare diffuser	• Looks attractive in any installation type
• Die cast finned aluminium body	• Easy clean and less likely to harbour germs or dirt
• Slim profile	• No eye strain or discomfort
• Pre-wired mains male/female SWIFT connector	• Provides excellent heat sinking to ensure LED's run cool to provide long life
• Driver to fitting plug & play male/female connector	• Simple installation compared to bulky PL or MH fittings particularly where other services run in the void above the fitting
• High quality, high flux SMD LED's using only 18/25 watts of power	• Ideal for shallow void installations
• Solid state LED technology	• Enables circuit testing and first fix female connection to mains wiring. Driver and fitting connected on completion avoiding damage to during building works
• Range of colour temperature options with superb CRI	• Provide excellent light output comparable to 2 x 18W, 2 x 26W PL
• No Infra Red or Ultra Violet in the light beam	• Very low running costs saving over 50% energy when compared to PL
• Ingress Protection 54	• Efficacy of >80 luminaire lumens per circuit watt, complying with Part L2 of today's and future Building Regulations
	• Low lumen depreciation – at least 70% of initial light output @ 50,000 hours
	• Up to 10 times longer life than standard compact fluorescent PL
	• No tube changes provide almost zero luminaire maintenance
	• Can be switched by PIR without detriment to longevity resulting in additional energy and replacement lamp and labour cost savings. Traditional fluorescents are adversely affected by PIR switching
	• No heating filaments or electrodes, often the cause of premature PL lamp failure, further enhance the lifetime of the fitting
	• Either subtle warm or cooler working environment light colour options whilst providing excellent colour rendition
	• More pleasant work environment with less cooling required
	• Will not damage or fade sensitive materials or burn if touched
	• Suitable for installation in areas where there may be dust or water splashes

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