

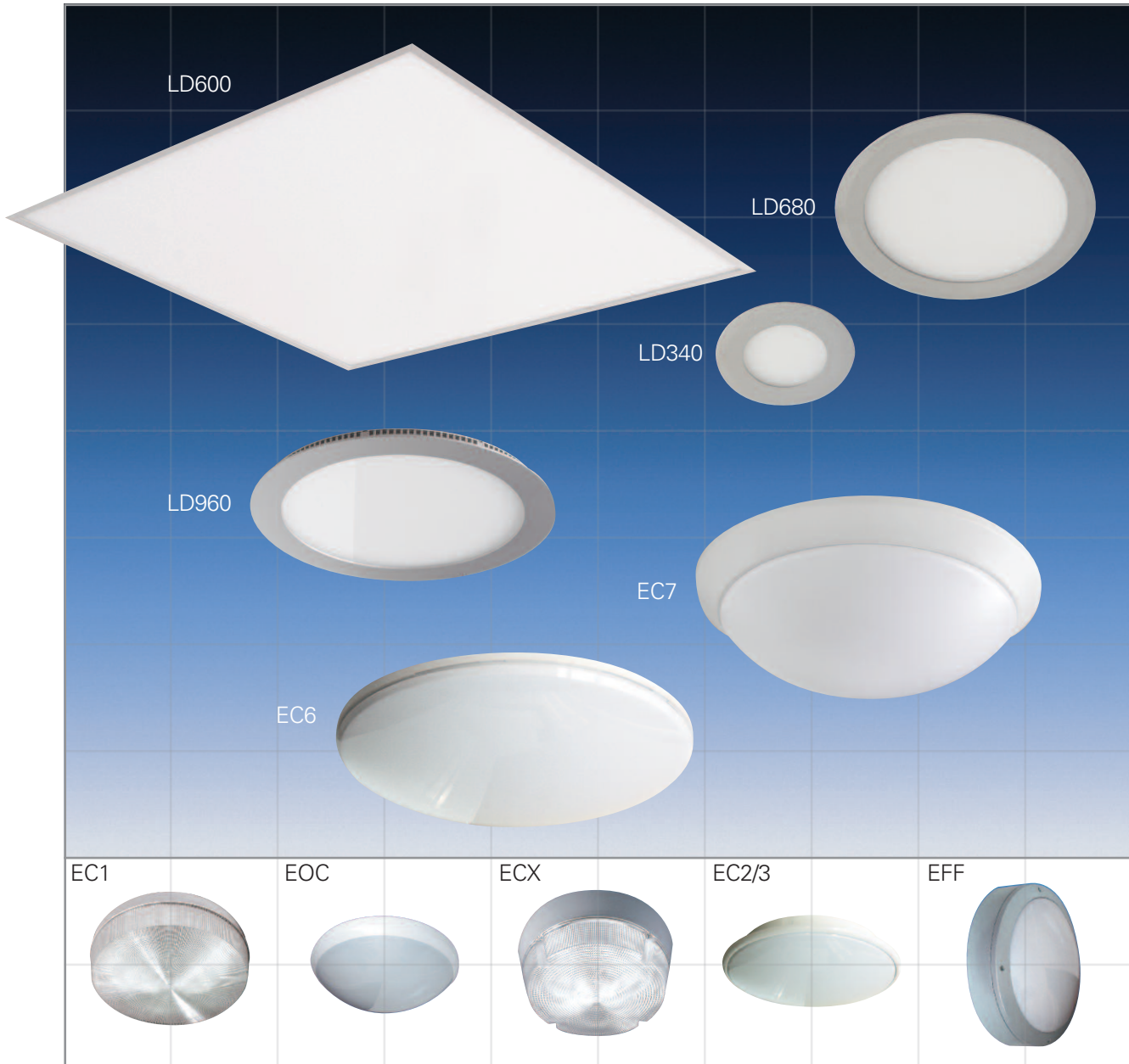
LD Series

www.fluorel.co.uk



LED Lighting

LD Series



- Energy saving / high output
- Long life 30,000 – 50,000 hours
- Edge lit panel technology
- Ultra slim profile
- Low maintenance and low running costs
- Dimmable and emergency options
- Retrofit kits available

FluorelLighting
Lighting for a brighter future

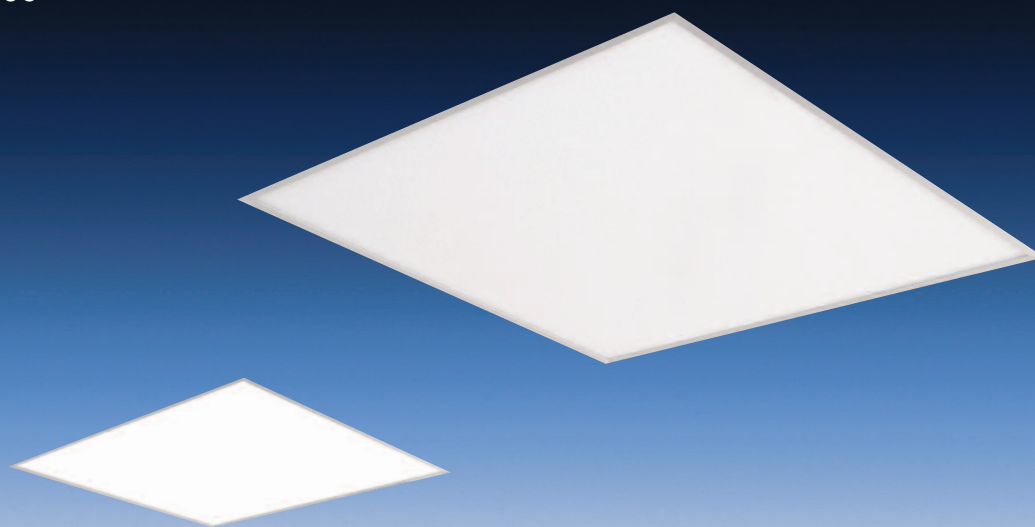
Fluorel Lighting is a leading supplier of innovative energy efficient lighting

The new LED panel from Fluorel features an ultra slim 14mm deep extruded aluminium frame, containing high output LED's mounted around the edge to give unrivalled even illumination across the face of the white panel with no 'hotspots'. Instant start and flicker free running combined with long life provides a 'fit and forget' solution for many applications.

The panel is designed to lay into most T bar ceiling systems with a nominal 600x600 grid.

High output LED's allow lower running costs and energy usage compared to conventional fluorescent modules without sacrificing light levels. Dimmable versions, emergency conversions, warmer colour temperatures are available.

LD600



Specifications

Part Numbers	LD600/36	LD1200/72
Nominal Sizes	600 x 600mm	1200 x 600mm
Panel Power	36w	72w
Total Power (approx)	42w	83w
Luminous Flux (approx)	3000lm	5000lm
Colour	Cool White	Cool White
Colour Temp (approx)	5700k	5700k
Life	>50,000hours	>50,000hours
Operating temp	-20c to +40c	-20c to +40c
Weight	4.9kg	9.8kg
Size	595x595x14mm	1195x595x14mm
	Allow 50mm void depth to accommodate control gear	
IP rating	IP20 panel (IP66 driver)	IP20 panel (IP66 driver)
Dimmable Versions	Add suffix /D to the part number	
Emergency Versions	Add suffix /EMG to the part number	

Also available to special order:

- Sizes to suit 600x300mm and 1200x300mm
- LED colour temperature
- Surface mounting frames



Photometric data upon request. Contact Fluorel Sales Department for further details.

The new range of Fluorel flat panel LED downlights provide attractive and energy efficient lighting solutions for many applications. Offering high output with low energy usage and featuring a super slim cast alloy body slimmer than most ceiling tiles. Finished in a contemporary silver epoxy coating.

The bright white LEDs are mounted radially around the white front panel to give exceptionally even and comfortable light distribution without the harshness of many other LED designs.

Long life, instant start and flicker-free operation twinned with easy installation, low weight and minimal ceiling void requirement add up to an unbeatable package of benefits.

LD340



LD680



Specifications

Part Numbers	LD340	LD450	LD680	LD960
Panel Power	9w	12w	15w	19w
Total Power (approx)	11w	14w	18w	22w
Luminous Flux (approx)	340lm	610lm	680lm	960lm
Colour Temp (approx)	6900k	6900k	6900k	6900k
Operating temp	-20c to +40c	-20c to +40c	-20c to +40c	-20c to +40c
Weight	0.13kg	0.30kg	0.50kg	0.85kg
Size O/A Diameter	121mm	173mm	223mm	260mm
O/A Depth	26mm body (allow 45mm void depth to accommodate control gear)			
IP rating (IP66 driver)	IP20 panel	IP20 panel	IP20 panel	IP20 panel
Dimmable Versions	Add suffix /D to the part number			
Emergency Versions	Add suffix /EMG to the part number			

Also available to special order:

- Body colour
- LED colour temperature



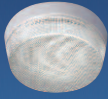
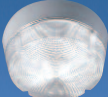







Photometric data upon request. Contact Fluorel Sales Department for further details.

We now offer LED options for most of our popular E Series range of surface mounted 2D luminaires. Equivalent LED replacements range between 14w and 24w in place of 28w and 38w lamps respectively.

The LED options will be either radially mounted or will have a purpose-made replacement for the 2D fluorescent lamp. Built in motion and daylight sensors and emergency options are available for most models.

Another innovation is the availability of retrofit kits to suit existing installed luminaires with 2D lamps. With a cost saving over replacing the complete luminaire and the advantage of lower energy and maintenance costs, these kits are direct replacements and can be easily fitted by qualified electricians. There is minimal disturbance of the internal wiring and no disturbance of the existing luminaire body or ceiling. Replacement diffusers are also available.

EC7		Aluminium body finished in epoxy white with opal polycarbonate shallow dome diffuser. Radially mounted LEDs give even distribution at 24w.	24w	EC7LED24	395(dia) x 113mm(h)	1550 lumens
EC1		Surface mounted white polycarbonate body with clear prismatic polycarbonate diffuser and centrally mounted LED lamp array.	14w	EC114LED	370(dia) x 108mm(h)	1080 lumens (approx)
			20w	EC120LED	370(dia) x 108mm(h)	2000 lumens (approx)
EC4		Smaller surface mounted white polycarbonate body with clear prismatic polycarbonate diffuser and centrally mounted LED lamp array.	14w	EC414LED	310(dia) x 96mm(h)	1080 lumens (approx)
			20w	EC420LED	310(dia) x 96mm(h)	2000 lumens (approx)
ECX		IP65 rated white polycarbonate body with clear prismatic polycarbonate diffuser and centrally mounted LED lamp array. Diffuser fixing screws can be anti-vandal.	14w	ECX14LED	330(dia) x 120mm(h)	1080 lumens (approx)
			20w	ECX20LED	330(dia) x 120mm(h)	2000 lumens (approx)
EC2		Surface or semi recessed white polycarbonate body with opal polycarbonate diffuser and centrally mounted LED lamp array.	14w	EC214LEDODWL	430(dia) x 115mm(h)	1080 lumens (approx)
			20w	EC220LEDODWL	430(dia) x 115mm(h)	2000 lumens (approx)
EC6		IP65 surface or semi recessed white polycarbonate body with opal polycarbonate diffuser and centrally mounted LED lamp array.	14w	EC614LED	400(dia) x 115mm(h)	1080 lumens (approx)
			20w	EC620LED	400(dia) x 115mm(h)	2000 lumens (approx)
EOC		IP65 surface white polycarbonate body with opal polycarbonate diffuser and centrally mounted LED lamp array.	14w	EOC14LEDW	330(dia) x 130mm(h)	1080 lumens (approx)
			20w	EOC20LEDW	330(dia) x 130mm(h)	2000 lumens (approx)
EFF		IP65 surface cast alloy body with full face opal polycarbonate diffuser and centrally mounted LED lamp array. Silver finish - for black substitute B in place of S in part No.	14w	EFF14LEDS	360(dia) x 145mm(h)	1080 lumens (approx)
			20w	EFF14LEDS	360(dia) x 145mm(h)	2000 lumens (approx)
2DLED		Retrofit kits comprising a 2D replacement LED lamp and mounting bracket to suit most 2D luminaires.	14w	2DLED14		1080 lumens (approx)
			20w	2DLED20		2000 lumens (approx)

Lighting options

All Fluorel E Series luminaires above are available with an internal microwave PIR and Lux detector fitted - please add suffix /DET to part number. For emergency versions add suffix /EMG. Other configurations and lamp options available.

Please contact our Sales Department for further details or if you cannot find the option that suits your requirements.

**Fluorel Limited
Designers and manufacturers
of luminaires**

Fluorel Lighting Ltd, Unit 25 Eldon Way,
Hockley, Essex, SS5 4AD
Tel +44(0)8458 643 643 Fax +44(0)20 8506 1792
info@fluorel.co.uk www.fluorel.co.uk

