LED LITE™
Energy Saving LED
12W COB LED Fire Rated Dimmable Downlight

GUARANTEED 3 YEAR LONG LAMP LIFE

LEDLITE is producing top quality light fittings and uses only the best parts and components, which combined create items of finest quality. COB Fire Rated Downlights give 90 minutes protection in the event of a fire. They ensure that the fire barrier offered by your ceiling is not compromised by the installation of downlights.
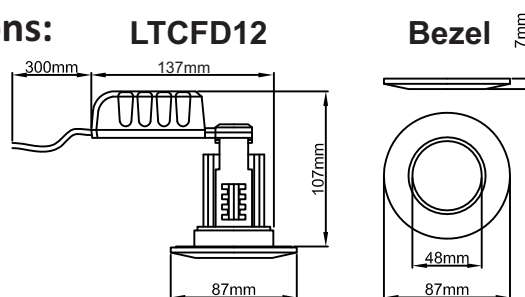
Features

- Integrated LED driver
- Adjustable driver position
- 2 position retaining clips
- Fire-Rated
- IP66 as standard
- Meets building regulations
- Various bezel colours and finishes
- Mains dimmable
- Flexible cut-out size
- Flying lead fitted
- Double insulated
- 930-980 lumen output
- 12W power consumption
- Soft start
- CRI. 80
- Fast return on investment

Benefits

- Straight to mains connection
- Flexibility during installation
- 6-35mm ceiling thickness
- Part B, C, E & L compliance
- For 30, 60 & 90 min ceilings
- Product fits all applications
- For all decorative requirements
- Wide spread of light
- 0-100% dimming control
- Fits a 64-70mm cut-out
- Reduced installation time
- No earthing required
- Brighter than an 50W Halogen
- Surpasses energy and efficacy requirements for part L
- 90% energy saving (non dim)
- Immediate cost saving
- Increased safety in vulnerable environments

Dimensions:

LTCFD12 — 300mm, 137mm, 107mm, 87mm

Bezel — 7mm, 48mm, 87mm

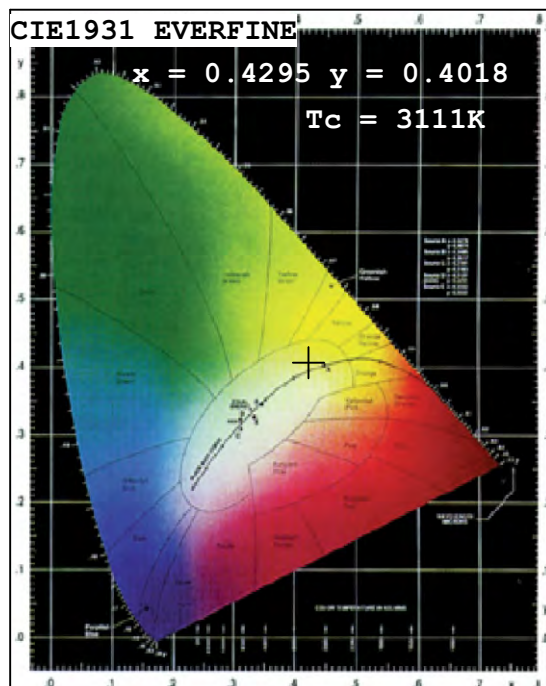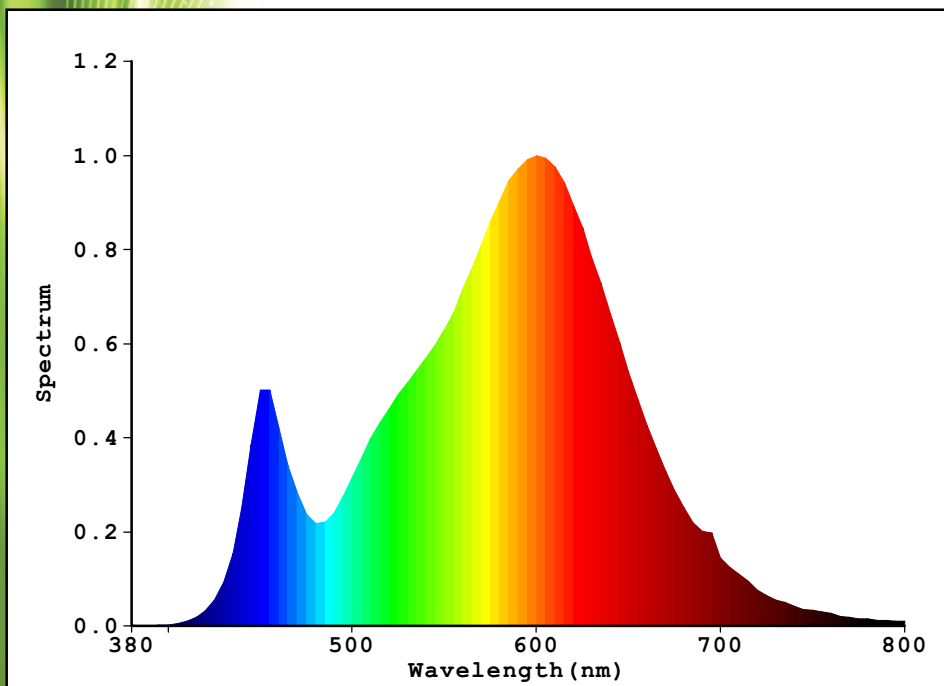| Power:	12W
Voltage:	85-265 VAC
Colours available:	Warm White / White / Daylight
Lumens:	930lm / 950lm / 980lm
Beam Angle:	50^0
Light Efficacy:	>75 lm/w
Colour Rendering Index (Ra):	>80
Power Factor:	>0.81
Dimmable:	Yes

Interchangeable Bezel Colours

Bezel Colour Available:
Premium White (Gloss or Matt), Polished Chrome, Brushed Chrome, Polished Brass, Brushed Brass, Matt Black, Piano Black, Mocha, Graphite.

12W COB LED FRD Photometric Data:

Spectrum Power Distribution Chart:

Spectrum:					
λ (Peak WL):	600.0 nm		I(test):	0.07231 A	
λ (Dominant WL):	582.3 nm		V(Positive):	240.3 V	
λ (Centroid WL):	586.0 nm		Power:	12.45 W	
BandWidth:	127.2 nm		Power Factor (PF):	0.917	
Colour Temp(Tc):	3111 K		Luminous Flux:	934.22 lm	
Colour Coordinate (x,y):	x=0.4295 y=0.4018 (dx=0.0002; dy=0.0005)		Light Efficacy:	75.03 lm/w	
Colour Coordinate (u',v'):	u'=0.2467 v'=0.5194 (duv=1.91e-04)		Render Index (Ra):	80.5	
Colour Purity:	49.5%		R1 =78 R2 =90 R3 =96 R4 =77 R5 =79		
Light Power(Fe):	3.0076 W		R6 =87 R7 =82 R8 =56 R9 =-2 R10 =76		
RGB Ratio:	R=23.6% G=74.0% B=2.4%		R11 =76 R12 =68 R13 =81 R14 =98 R15 =71		

LEDLITE™
Energy Saving LED