

LED Panel Lights & Commercial Downlights

HIGH OUTPUT LED COMMERCIAL LIGHTING

THE *ULTIMATE* CHOICE FOR LED LIGHTING IN THE UK

Issue: August 2013



COMMERCIAL LED LIGHTING

We stock an extensive range of quality and competitively priced commercial LED lighting solutions. In this product focus you will find a selection of complete LED fittings, all in traditional sizes making them the ideal for retro fit or new installations. As well as the range of complete fittings featured here we also have a fantastic selection of retro fit commercial LED lamps which can be found in our 'LED Lamps & Tubes Product Focus'.

In our commercial LED range we have LED panels for recessing into suspended ceilings, the most popular being the 36W 600x600mm slim panel light which with its 2800lm output outperforms the traditional 72W 600x600mm fittings. It offers a 50% saving in energy consumption, and is completely maintenance free with a 50,000 hour life expectancy. It has already been used extensively in many office & retail installations.

We also offer an extensive selection of LED commercial downlights for, retail, office, communal dwelling, hotel, restaurant and many more applications. The Contract White LED Downlight, is an excellent value for money fitting with a neutral appearance, ideal for large scale projects where LED energy efficient and modest appearance is required. The Chrome Trim series offers a more decorative appearance, whilst the COB series offer traditional looks and additional options such as tilts, wall washers and spots. All of the fittings are available with dimmable and emergency functions as options.

PRICE

We are determined to ensure our products are the most competitive in the market. Prices are exclusively available to electrical wholesalers, where our products can be purchased from.

QUALITY

Our LED commercial lighting has a life expectancy of 50,000 hours. They are supplied with a comprehensive 2 year warranty, and extended warranties are available.

APPROVALS

All our products are fully certificated by accredited test houses and comply with current CE, RoHS, & EMC requirements. Independent UK and random batch testing is also carried out on all products.

TECHNOLOGY

Supplied with a quality LED driver & the latest Epistar brand LED chips, our floodlights offer excellent lumens output & energy efficiency. We can supply with other brands of LED & drivers, see OEM below.

OEM

We can manufacture & supply to specific requirements to include other brands of chips & drivers. A selection of those available are shown opposite.



LED Commercial Lighting Case Studies

ONE LED Commercial Downlights Installed At Burger King

The One Electrical, ONE LED branded commercial downlights have been specified and supplied to the Burger King chain of restaurants through City Electrical Factors. The excellent range of downlights are ideal energy efficient alternatives to traditional metal halide and PL downlights. They are available in 4", 6", 8" dimensions, and from 7W up to 22W and in different colour temperatures. With excellent light output, low energy consumption, long life, low maintenance, and low heat output they are an excellent choice for many retail and commercial applications.



LED Downlights for Luxury Dubai Development

One Electrical supplied over 1400 LED downlights for the Burj Side Boulevard Luxury Serviced Apartments development in Dubai. The LED downlights were a special order product, supplied to the exacting specification of the developers, in 10W & 16W with a warm white output and matt chrome finish. Located in the platinum square kilometer of the Downtown district area, Burj Side Boulevard is the epitome of quality living. 44 levels of unique architecture creating an imposing and attractive figure, fitting seamlessly into the illustrious neighborhood. Eye-pleasing views of the Burj Khalifa and its grand surroundings including Downtown Dubai, Dubai Mall and DIFC.



LED Panels in Spar convenience stores

Our LED panels are supplied complete with driver and simply wire directly to the mains. Retrofitting one of these panels in place of an existing recessed fluorescent fitting takes less than 4 minutes. As with all products in the ONE LED range they are very competitively priced; this along with their appearance, superb performance and flexibility, has already seen them used in many office block projects already. They have also been extensively used in petrol stations and SPAR convenience store. With dimmable and emergency versions available the One LED panel light series offers excellent choice, performance and value for money.



A selection of the 150+ products in our LED range



We have a complete series of similar 'Product Focuses' available on request



Display boards & P.O.S material

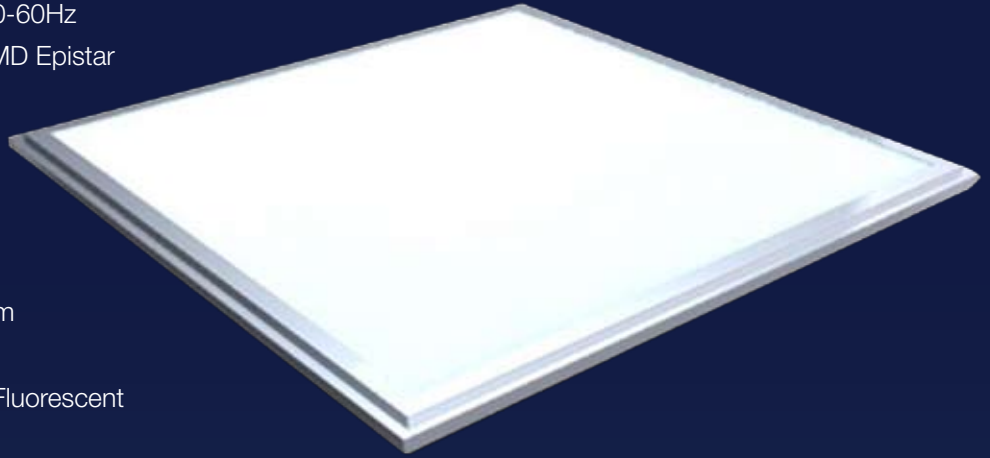


LED Slim Panel Lights

Recessed Panels

36W 600 x 600mm LED Panel

ITEM NO	OE-LED-PANEL36
INPUT VOLTAGE	110-230V AC 50-60Hz
LED QTY	372PCS LED SMD Epistar
WATTAGE	36W
LUMEN	2800Lm
COLOUR TEMP	5500k
CRI	>75
FINISH	Aluminium
SIZE	595 x 595 x 9mm
LIFETIME	50,000hrs
ALTERNATIVE TO	4 X 18W (72W) Fluorescent
ENERGY SAVING	50%

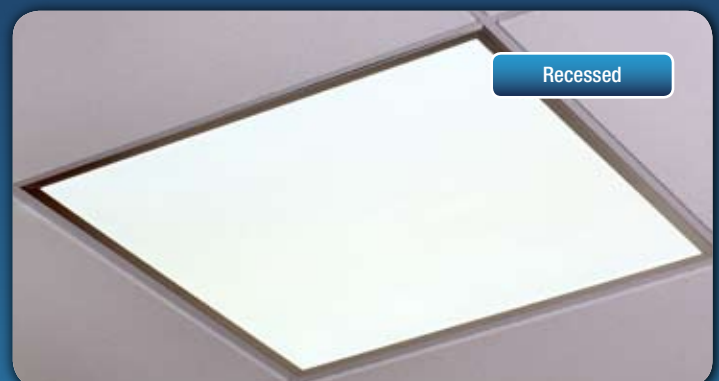
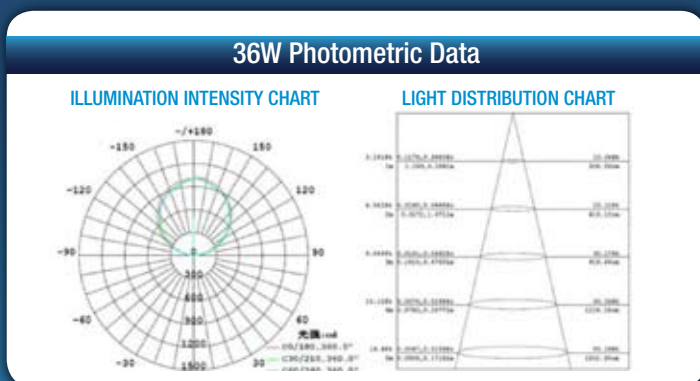


OPTIONS

Code	Description
OE-LED-PANEL36-EM	36W LED Panel with 3 hour emergency function
OE-LED-PANEL36-D	36W LED Panel with dimming function

Features & Benefits

- Ideal replacement for 600 x 600mm fluorescent fittings
- 595 x 595mm size for direct and quick retro fitting
- 2800lm output outperforms traditional fluorescents
- Even light distribution on walls and ceilings
- Aids LG3 and LG7 compliance
- Emergency and dimmable versions available
- Slim Profile
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output

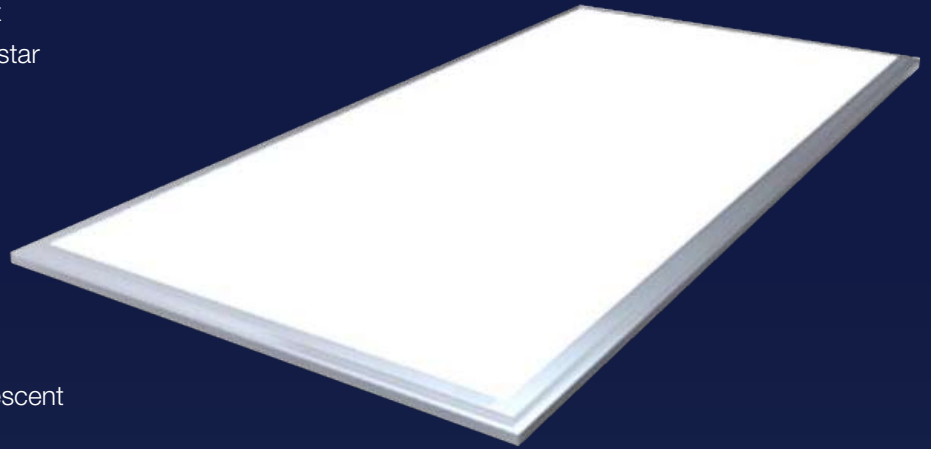


LED Slim Panel Lights

Recessed Panels

68W 600 x 1200mm LED Panel

ITEM NO	OE-LED-PANEL68
INPUT VOLTAGE	110-230V AC 50-60Hz
LED QTY	600PCS LED SMD Epistar
WATTAGE	68W
LUMEN	5300Lm
COLOUR TEMP	5500k
CRI	>75
FINISH	Aluminium
SIZE	595 x 1195 x 9mm
LIFETIME	50,000hrs
ALTERNATIVE TO	4 X 36W (144W) Fluorescent
ENERGY SAVING	50%



OPTIONS

Code	Description
OE-LED-PANEL68-EM	68W LED Panel with 3 hour emergency function
OE-LED-PANEL68-D	68W LED Panel with dimming function

Features & Benefits

- Ideal replacement for 600 x 1200mm fluorescent fittings
- 595 x 1195mm size for direct and quick retro fitting
- 5300lm output outperforms traditional fluorescents
- Even light distribution on walls and ceilings
- Aids LG3 and LG7 compliance
- Emergency and dimmable versions available
- Slim Profile
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output



LED Commercial Downlights

Slim Round Panels

18W Round LED Panel

ITEM NO	OE-LED-PANEL18
INPUT VOLTAGE	110-230V AC 50-60Hz
LED QTY	90PCS LED SMD Epistar
WATTAGE	18W
LUMEN	1300Lm
COLOUR TEMP	5500k
CRI	>75
FINISH	White
SIZE	225 x 9mm
CUTOUT	210mm
LIFETIME	50,000hrs
ALTERNATIVE TO	2 X 18W (36W) PL Downlight
ENERGY SAVING	>50%



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions



22W Round LED Panel

ITEM NO	OE-LED-PANEL22
INPUT VOLTAGE	110-230V AC 50-60Hz
LED QTY	125PCS LED SMD Epistar
WATTAGE	22W
LUMEN	1600Lm
COLOUR TEMP	5500k
CRI	>75
FINISH	White
SIZE	240 x 9mm
CUTOUT	225mm
LIFETIME	50,000hrs
ALTERNATIVE TO	2 X 26W (52W) PL Downlight
ENERGY SAVING	>50%



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions



Features & Benefits

- Ideal replacement for PL fluorescent fittings
- Standard size for direct and quick retro fitting
- 1300lm output outperforms traditional fluorescents
- Even light distribution on walls and ceilings
- Aids LG3 and LG7 compliance
- Emergency and dimmable versions available
- Slim Profile
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output

LED Commercial Downlights

Contract LED Downlight

20W LED Downlight

ITEM NO	OE-LED-DLCS-20
INPUT VOLTAGE	110-230V AC 50-60Hz
LED QTY	56PCS LED SMD Epistar
WATTAGE	20W
LUMEN	1600Lm
COLOUR TEMP	5500k
CRI	>75
FINISH	White
SIZE	200 x 80mm
CUTOUT	185mm
LIFETIME	50,000hrs
ALTERNATIVE TO	2 X 26W (52W) PL Downlight
ENERGY SAVING	>50%



OPTIONS

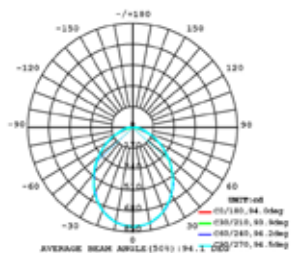
Code	Description
OE-LED-DLCS-20-EM	20W LED Downlight with 3 hour emergency function
OE-LED-DLCS-20-D	20W LED Downlight with dimming function

Features & Benefits

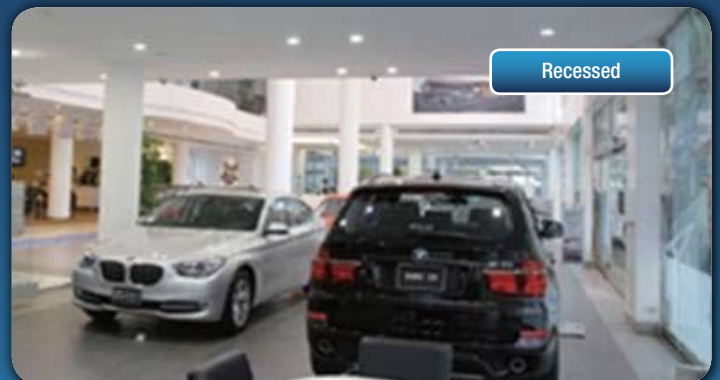
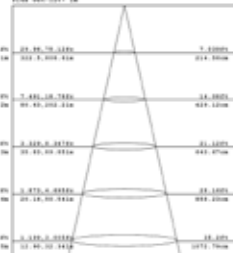
- Excellent value for money
- Ideal replacement for PL and metal halide fittings
- Standard size for direct and quick retro fitting
- Outperforms traditional fluorescents
- Even light distribution on walls and ceilings
- Emergency and dimmable versions available
- Simple matt white appearance
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output

20W Photometric Data

ILLUMINATION INTENSITY CHART



LIGHT DISTRIBUTION CHART

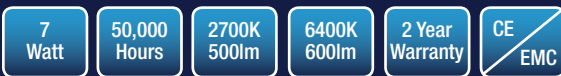


LED Commercial Downlights

LED Chrome Trim Downlight Series

7W Round LED Downlight

ITEM NO	OE-LED-DLC7-64K / OE-LED-DLC7-27K
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	7W
LUMEN	600lm / 500lm
COLOUR TEMP	6400k / 2700k
CRI	>75
FINISH	White / Chrome Trim
SIZE	130 x 66mm
CUTOUT	110mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

10W Round LED Downlight

ITEM NO	OE-LED-DLC10-64K / OE-LED-DLC10-27K
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	10W
LUMEN	800lm / 700lm
COLOUR TEMP	6400k / 2700k
CRI	>75
FINISH	White / Chrome Trim
SIZE	180 x 75mm
CUTOUT	160mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

15W Round LED Downlight

ITEM NO	OE-LED-DLC15-64K / OE-LED-DLC15-27K
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	15W
LUMEN	1200lm / 1000lm
COLOUR TEMP	6400k / 2700k
CRI	>75
FINISH	White / Chrome Trim
SIZE	180 x 75mm
CUTOUT	160mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

LED Commercial Downlights

LED Chrome Trim Downlight Series

20W Round LED Downlight

ITEM NO	OE-LED-DLC20-64K / OE-LED-DLC20-27K
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	20W
LUMEN	1600lm / 1400lm
COLOUR TEMP	6400k / 2700k
CRI	>75
FINISH	White / Chrome Trim
SIZE	210 x 70mm
CUTOUT	200mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

22W Round LED Downlight

ITEM NO	OE-LED-DLC22-64K / OE-LED-DLC22-27K
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	22W
LUMEN	2000lm / 1800lm
COLOUR TEMP	6400k / 2700k
CRI	>75
FINISH	White / Chrome Trim
SIZE	210 x 70mm
CUTOUT	200mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

Features & Benefits

- Ideal replacement for PL and metal halide fittings
- Standard sizes for direct and quick retro fitting
- Excellent output outperforms traditional fluorescents
- Emergency and dimmable versions available
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output

LED Commercial Downlights

LED COB Downlight Series

20W Round LED Downlight

ITEM NO	OE-LED-COB-20
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	20W
LUMEN	1920lm
COLOUR TEMP	5500k
CRI	>80
FINISH	White
SIZE	180 x 92mm
CUTOUT	165mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

30W Round LED Downlight

ITEM NO	OE-LED-COB-30
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	30W
LUMEN	2880lm
COLOUR TEMP	5500k
CRI	>80
FINISH	White
SIZE	230 x 110mm
CUTOUT	210mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

20W Tilt Round LED Downlight

ITEM NO	OE-LED-COBT-20
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	20W
LUMEN	1920lm
COLOUR TEMP	5500k
CRI	>80
FINISH	White
SIZE	180 x 103mm
CUTOUT	168mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

LED Commercial Downlights

LED COB Downlight Series

30W Rectangular Adjustable LED Wall Washer

ITEM NO	OE-LED-COBWW-30
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	30W
LUMEN	2800lm
COLOUR TEMP	5500k
CRI	>80
FINISH	White
SIZE	230 x 140mm
CUTOUT	220 x 130mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

20W Directional Spot / Scoop Fitting

ITEM NO	OE-LED-COBS-20
INPUT VOLTAGE	110-230V AC 50-60Hz
WATTAGE	20W
LUMEN	1450lm
COLOUR TEMP	5500k
CRI	>80
FINISH	White
SIZE	165 x 140mm
CUTOUT	150mm
LIFETIME	50,000hrs



Add "EM" or "DIM" to the end of each code for emergency or dimmable functions

Features & Benefits

- Ideal replacement for PL and metal halide fittings
- Standard sizes for direct and quick retro fitting
- Excellent output outperforms traditional fluorescents
- Emergency and dimmable versions available
- Save 50-70% on energy costs
- Instant start, flicker free, maintenance free
- Free from mercury and other hazardous materials
- Long Life – 50,000 hours
- Low heat output

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