



FibreLED Frosted Recessed Downlight Series

Details

FibreLED's new range of recessed frosted LED downlights offers a visually attractive alternative to both incandescent lighting and existing LED downlight replacement technology.

Consumption range from 8w, 13w, 19w, 20w, 26w and 30 watts. The new range enables up to 75% consumption saving against traditional PL Fluorescent, halogen and metal halide downlights with incredible lumen per watt output and colour temperature options. Available in Warm, Natural and Cool white this range can now bring LED technology to the retail and commercial sector with no compromise on light output and staggering consumption and maintenance savings.

The new FLDL Range combines a number of advances and breakthroughs in mechanical design, optical design, electronic design and thermal management.

Model	Power Wattage	Dimensions	Cut-out	Total Lumen (CW)
FDL LED 3-8	8 Watt	90mm	80mm	550 lm
FDL LED 4-13	13 Watt	130mm	119mm	800lm
FDL LED 6-19	19 Watt	190mm	179mm	1300lm
FDL LED 6-20	20 Watt	187mm	161mm	1400lm
FDL LED 8-26	26 Watt	206mm	180mm	1800lm
FDL LED 9-30	30 Watt	275mm	225mm	2100lm

Features

- This new range offers complete colour consistency and stability
- Frosted cover faces making the LED invisible and retrofit seamless
- High Quality LED – Cree, Osram & Nichia LED Chips
- Real and genuine High Lumen output – No compromise on light output
- Fully Dimmable with compatible dimmers
- 50,000hr at up to 95% Light Level
- Multiple colour temperatures available – WW, NW, CW
- 3&5 Year Warranty
- Up to 50,000 hrs lamp life at + 90%
- Excellent build quality and cutting edge thermal management
- Up to 80% consumption savings against traditional alternative downlights
- Quick and efficient delivery countrywide.
- Reliable, durable and bright

Applications

- Replacement for traditional CFL / PL Downlighters
- Replacement for traditional high wattage halogen downlights
- Inaccessible / High-Ceiling applications
- Commercial, Retail & Shopping Centre Brightness levels.

FibreLED Frosted Recessed Downlight Series 1 - 20W, 26W, 30W

FLDL-6/20



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 20Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 60lm/Watt
- **Colour:** WW: 2800-3200K, NW: 4500-5000K
CW: 5000-6000K
- **Lumens Output:** 1200WW, 1300NW, 1400CW
- **Beam Angle:** 70°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 161mm
- **Trim Options:** Matt White, Bush Chrome, Mirror

FLDL-8/26



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 26Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 64lm/Watt
- **Colour:** WW: 2800-3200K, NW: 4500-5000K
CW: 5000-6000K
- **Lumens Output:** 1500WW, 1700NW, 1800CW
- **Beam Angle:** 80°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 180mm
- **Trim Options:** Matt White, Bush Chrome, Mirror

FLDL-9/30



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 30Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 67lm/Watt
- **Colour:** WW: 2800-3200K, NW: 4500-5000K
CW: 5000-6000K
- **Lumens Output:** 1700WW, 2000NW, 2100CW
- **Beam Angle:** 80°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 225mm
- **Trim Options:** Matt White, Bush Chrome, Mirror

FibreLED Frosted Recessed Downlight Series 2 - 8W, 12W, 19W

FLDL-3/8



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 8Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 56lm/Watt
- **Colour:** WW: 3000K, NW: 4250K
CW: 5000K
- **Lumens Output:** 450WW, 500NW, 550CW
- **Beam Angle:** 100°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 80mm
- **Trim Options:** Matt White, Mirror Chrome

FLDL-4/13



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 13Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 62lm/Watt
- **Colour:** WW: 3000K, NW: 4250K
CW: 5000K
- **Lumens Output:** 650WW, 720NW, 800CW
- **Beam Angle:** 100°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 119mm
- **Trim Options:** Matt White, Mirror Chrome

FLDL-6/19



- **Input Voltage:** 85 - 277VAC
- **Power Consumption:** 19Watts
- **Light Source:** CREE/Osram LED Chip
- **Luminous Efficiency:** 63lm/Watt
- **Colour:** WW: 3000K, NW: 4250K
CW: 5000K
- **Lumens Output:** 1100WW, 1200NW, 1300CW
- **Beam Angle:** 100°
- **Fixture Material:** Aluminium Alloy, Frosted Lens
- **Life Span:** 50000Hours
- **Cutout:** 179mm
- **Trim Options:** Matt White, Mirror Chrome