

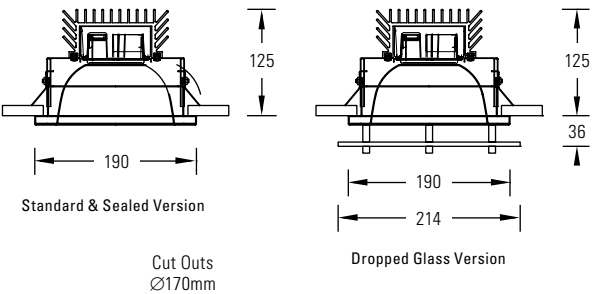
LED downlights and display



LDLP LED

A range of LED downlights incorporating Philips Fortimo LED engines and drivers with extruded aluminium passive heat sink. The LDLP offers significant energy and maintenance savings when compared with conventional compact fluorescent downlights.

- Generally comply to L2a requirements for a minimum of 55 Luminaire Lumens Per Circuit Watt.
- Colour Rendering of Ra >80 and a lifetime of 50,000 hours.
- A wide range of decorative and functional attachments including sealed versions with a sandwich of 2 diffusers for vandal resistant applications.
- 5 year warranty.
- Weight = 1.5 Kg



LED Power	Colour Temp	Lumen Output	Reflector	Catalogue No.	Total System Power	Efficacy of Standard Luminaire (Luminaire Lumens Per Circuit Watt)
12W	3000K	1100 Lumens	Matt	LDLPW/11/3K/M	14.5W	65
11W	4000K	1100 Lumens	Matt	LDLPW/11/4K/M	13.5W	70
22W	3000K	2000 Lumens	Matt	LDLPW/20/3K/M	25.5W	67
20W	4000K	2000 Lumens	Matt	LDLPW/20/4K/M	23.5W	73
34W	3000K	3000 Lumens	Matt	LDLPW/30/3K/M	38.5W	67
32W	4000K	3000 Lumens	Matt	LDLPW/30/4K/M	36.5W	71

SPECIFICATION

- Body:** Spun aluminium bezels, remote control gear housing.
- Reflectors:** Matt anodised aluminium. LOR of open reflector downlight = 86%
- Drivers:** Option of fixed output or DALI. DALI drivers can be wired for DALI control or Switchdim operation via a wall mounted retractive switch.
- Add Suffix **'D'** to specify DALI driver.
e.g. LDLPW/20**D**/4K/M
- Add Suffix **'DW'** to specify DALI driver wired for Switchdim operation. e.g. LDLPW/20**DW**/4K/M

- Emergency:** 3 hour maintained emergency conversions can be specified by adding **'E'** into catalogue number: e.g. LDLPW/20**E**/4K/M
- 3 hour maintained self test emergency conversions can be specified by adding **'ES'** into catalogue number: e.g. LDLPW/20**ES**/4K/M
- 1100 lumen ballast lumen factor = 34%
- 2000 lumen ballast lumen factor = 17%
- 3000 lumen ballast lumen factor = 9%

- Attachments:** Halo Ring: Add Suffix **'HR'**
- Blue Halo Ring: Add Suffix **'BHR'**
- Frosted Glass: Add Suffix **'FG'**
- Clear Glass Cover: Add Suffix **'GC'**
- Clear Polycarbonate Cover: Add Suffix **'PC'**
- Opalised Polycarbonate Cover: Add Suffix **'OC'**
- Sealed Bezel with Clear Polycarbonate Lens: Add Suffix **'SP'**
- Sealed Bezel with Opalised Polycarbonate Lens: Add Suffix **'SPO'**
- Sealed Bezel with a Sandwich of Clear Polycarbonate Lenses and Vandal Resistant Screw fixings: Add Suffix **'2SPV'**
- Sealed Bezel with a Sandwich of 1x Clear Polycarbonate Lens and 1x Opalised Polycarbonate Lens with Vandal Resistant Screw fixings: Add Suffix **'2SPOV'**