

LED Downlights

L900 Series

CLIPSAL[®]

by Schneider Electric



Smarter LED
Downlights
for optimal
performance

clipsal.com

L I G H T I N G

Superior design ensures longer life

The range of quality Clipsal LED Downlights has expanded. The offer now includes 8W LED downlights to complement the popular 12W selection, which is also now available in a fixed version.

These new 8W versions use less power, but maintain all of the quality and features that have made Clipsal's 12W LED Downlights so popular.

As LED technology continues to develop and improve, Clipsal is committed to providing you with the options needed to assist with design flexibility.

Robust and reliable

As with all quality electronic devices, an LED downlight's durability is very much dependant on its construction. Not only do Clipsal downlights look stylish, they are also designed to be solid and robust. The advanced manufacturing process ensures they can withstand a high degree of stress, allowing many years of reliable performance.

Colour rendering

Through "LED binning" processes, Clipsal's LED chips are sorted by their distinct light-rendering characteristics during production. Based on C78.377-2008 conventions, our intelligent sub-binning recipes ensure that our lamps consist of uniform LED chips, allowing for tighter colour consistency.

Shining a light on premium technology

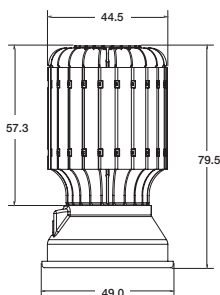
- > Optimal aluminium heatsink design
- > Thermal dimming
- > Compatible with C-Bus and Clipsal Universal Dimmers
- > Optimal colour rendering

Superior Colour Consistency

Our systematic LED selection process ensures the most consistent colours possible.



Unique
heatsink design



8W

The lifespan of LED lighting systems is determined by the appropriate dissipation of heat. Excess heat causes gradual performance degradation and physical damage. Clipsal's patent heat sink design creates maximum surface area to allow for more efficient cooling.

R E S I D E N T I A L

Genuine Clipsal dimming capability

Aluminium Thermal Management

- The lightest design in the LED industry.
- Purest aluminium for highest performance.
- Autonomous electronic thermal management (even in challenging environments) prolonging system lifespans and safeguarding against fire.

Premium LED Chips

Clipsal use only the world's finest quality LED chips, with the highest power-to-light conversion efficiency, and best colour consistency.

Robust and Reliable Connector System

Most LED systems' weakness is in the assembly solder joints. LED boards or metal-PCBs usually use highly thermal efficient materials. Hence, achieving the required heat build-up for good soldering results is difficult and inconsistent. Clipsal eliminates this via an intelligent automated soldering system.

C-Bus compatible

As the only truly Clipsal lab tested C-Bus compatible downlights on the market, the expanded range now offers you even more opportunities for smart integration and automation solutions.

Common specifications

- Compatible with Clipsal Universal Dimmers
- Thermal dimming
- Optimal aluminium heatsink design
- Available in warm white, 3000K and cool white 4500K
- Fixed or gimbal fixtures, available in white or brushed chrome

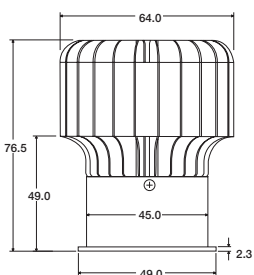
8W specifications

- 540 lumen output
- 55 degree beam angle
- 35,000 hour lamp life
- Equivalent to 35W dichroic
- 11W total power consumption (incl. driver)

12W specifications

- > 700 lumen output
- 60 and 35 degree beam angle options
- 50,000 hour lamp life
- Equivalent to 50W dichroic
- 15W total power consumption (incl. driver)

COMMERCIAL



12W

Clipsal include thermal dimming on our LED downlights, providing added protection and the ability to measure operating temperature as well as ambient temperature. If the temperature exceeds design allowances, the light output is wound back, enabling the downlight to cool before returning to full brightness.

Thermal dimming...
a must in LED lighting

Product range

8W LED Downlight Kit - complete with fitting, 55 degree LED lamp, driver, flex and plug

Catalogue No.	Description	Cut-out Size	Colour
L955W/8WH	55 Degrees, Warm white, 3000K	92mm	White gimbal fitting
L955W/8BC	55 Degrees, Warm white, 3000K	92mm	Brushed chrome gimbal fitting
L955C/8WH	55 Degrees, Cool white, 4500K	92mm	White gimbal fitting
L955C/8BC	55 Degrees, Cool white, 4500K	92mm	Brushed chrome gimbal fitting
L955WF/8WH	55 Degrees, Warm white, 3000K	70mm	White fixed fitting
L955WF/8BC	55 Degrees, Warm white, 3000K	70mm	Brushed chrome fixed fitting
L955CF/8WH	55 Degrees, Cool white, 4500K	70mm	White fixed fitting
L955CF/8BC	55 Degrees, Cool white, 4500K	70mm	Brushed chrome fixed fitting

12W LED Downlight Kit - complete with fitting, 35 degree LED lamp, driver, flex and plug

Catalogue No.	Description	Cut-out Size	Colour
L935W/12WH	35 Degrees, Warm white, 3000K	92mm	White gimbal fitting
L935W/12BC	35 Degrees, Warm white, 3000K	92mm	Brushed chrome gimbal fitting
L935C/12WH	35 Degrees, Cool white, 4500K	92mm	White gimbal fitting
L935C/12BC	35 Degrees, Cool white, 4500K	92mm	Brushed chrome gimbal fitting
L935WF/12WH	35 Degrees, Warm white, 3000K	70mm	White fixed fitting
L935WF/12BC	35 Degrees, Warm white, 3000K	70mm	Brushed chrome fixed fitting
L935CF/12WH	35 Degrees, Cool white, 4500K	70mm	White fixed fitting
L935CF/12BC	35 Degrees, Cool white, 4500K	70mm	Brushed chrome fixed fitting

12W LED Downlight Kit - complete with fitting, 60 degree LED lamp, driver, flex and plug

Catalogue No.	Description	Cut-out Size	Colour
L960W/12WH	60 Degrees, Warm white, 3000K	92mm	White gimbal fitting
L960W/12BC	60 Degrees, Warm white, 3000K	92mm	Brushed chrome gimbal fitting
L960C/12WH	60 Degrees, Cool white, 4500K	92mm	White gimbal fitting
L960C/12BC	60 Degrees, Cool white, 4500K	92mm	Brushed chrome gimbal fitting
L960WF/12WH	60 Degrees, Warm white, 3000K	70mm	White fixed fitting
L960WF/12BC	60 Degrees, Warm white, 3000K	70mm	Brushed chrome fixed fitting
L960CF/12WH	60 Degrees, Cool white, 4500K	70mm	White fixed fitting
L960CF/12BC	60 Degrees, Cool white, 4500K	70mm	Brushed chrome fixed fitting

Take advantage of the energy savings that Clipsal LED Downlights have to offer.

Contact your local Clipsal Representative, electrical wholesaler or visit clipsal.com



for fixed fittings



for gimbal fittings



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