



Efficient lighting systems

ADL150 WIDE BEAM LED

High Output LED with wide beam distribution for improved spacing

An efficient lighting system

The ADL150 Wide Beam LED downlight is designed to compliment the growing ADL150 LED range. The ADL150 Wide Beam LED downlight utilises a shallow, wide beam reflector to improve the light distribution. The use of this specially designed wide beam reflector allows for improved spacing in installations, that in turn can result in less light fittings and a more energy efficient installation.

As with the rest of the ADL150 LED downlight range the ADL150 Wide Beam LED downlight utilises Philips LED's and Philips matched driver. This package offers a breakthrough in energy efficiency and high lumen packages and when combined with the specifically designed wide beam reflector it provides specifiers with an even more energy efficient alternative to compact fluorescent downlights.

The high lumen packages that are offered across the entire ADL150 LED range make these fittings perfect for many commercial and soft commercial applications.

Thermal Management

The ADL150 Wide Beam LED downlight is fitted with a purpose designed heat sink to

ensure the operating temperature is within the parameter of the LED unit. Maximum Ta temperature (ambient temperature) should not exceed 35° C. Ta temperatures in excess of 35° C will have a detrimental effect on the LED unit.

The life of the LED unit can be further extended by using the optional 150.12.008 – fanless forced air cooler. The 3000lm ADL150 wide beam LED is supplied standard with the fanless forced air cooler.

Luminous Flux during start period

In contrast to other light sources LED's can be on at full power (or in the case of the dimming version at any dimmed level) instantaneously. The ADL150 Wide Beam LED downlight requires an initial burn in period of 100 hours to reach the specifications listed.

Lumen Maintenance

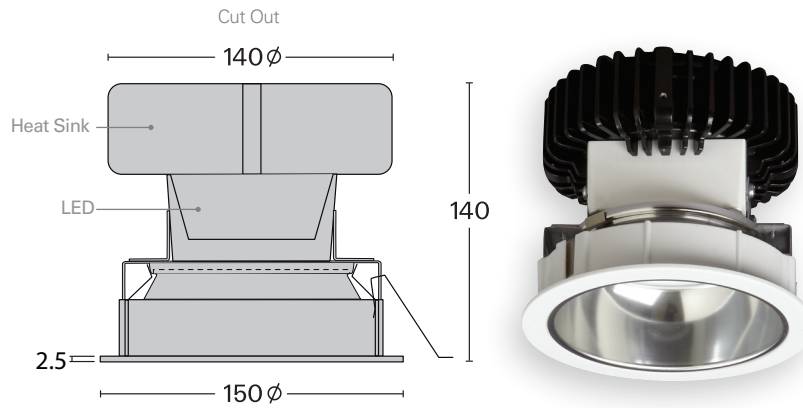
When used within the specification – Ta max 35° C, lumen maintenance of 70% at 35,000 hours is expected. At 50,000 hours lumen maintenance is 50% (average lifetime specification).

Specifications

- Philips LED and driver
- White polycarbonate trim
- Remote electronic gear pack
- Dali dimming – optional



Photometric data
available on CD



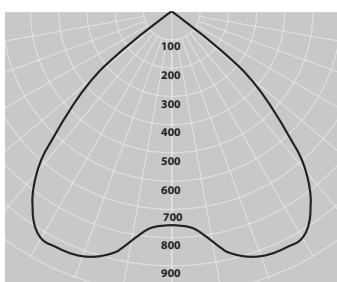
system specifications	power	light output	efficacy	input voltage	CCT	CRI	lm maintenance 35k hrs
LED 1100 lm, 17w/840	17W	1100 lm	65 lm/w	220-240 v	4000K	80R	70%
LED 1100 lm, 19w/830	19W	1100 lm	58 lm/w	220-240 v	3000K	80R	70%
LED 2000 lm, 29w/840	29W	2000 lm	69 lm/w	220-240 v	4000K	80R	70%
LED 2000 lm, 33w/830	33W	2000 lm	61 lm/w	220-240 v	3000K	80R	70%
LED 3000 lm, 49w/840	49W	3000 lm	61 lm/w	220-240 v	4000K	80R	70%

Specification is on system level (LED module and driver)

How to Order

Electronic non-dimmable	lumen	LED colour	system power W
ADL150.1100.90.40.63	1100	4000K	17
ADL150.2000.90.40.63.	2000	4000K	29
ADL150.3000.90.40.63	3000	4000K	49
ADL150.1100.90.30.63	1100	3000K	19
ADL150.2000.90.30.63	2000	3000K	33

Dali dimmable	lumen	LED colour	system power W
ADL150.1100.90.40.66	1100	4000K	17
ADL150.2000.90.40.66	2000	4000K	29
ADL150.3000.90.40.66	3000	4000K	49
ADL150.1100.90.30.66	1100	3000K	19
ADL150.2000.90.30.66	2000	3000K	33



ADL150.2000.90.40.63



Efficient Lighting Systems Pty. Ltd.
ABN 14 050 028 209

39 Tinning Street, Brunswick,
Victoria 3056 Australia

PO Box 5084 Moreland West,
Victoria 3055 Australia

Telephone: 61 3 9222 5522
Facsimile: 61 3 9222 5521

Email: info@elslighting.com.au
Web: www.elslighting.com.au