



 **Efficient lighting systems**

ADLW150 LED

High Output LED Wash Light

An efficient lighting system

The ADLW150 LED Wash Light downlight is designed to compliment the ADL150 LED downlight. Like the ADL150LED downlight it utilizes Phillips LED's and Phillips matched driver. This is a breakthrough in energy efficiency and high lumen packages and when combined with the specifically designed wash light reflector it provides specifiers with an energy efficient alternative to compact fluorescent wash light downlights.

Most LED down lights to date have been based around low lumen package LED's. With the ADLW150 LED Wash Light the high lumen packages make the fittings suitable for use in many commercial and soft commercial applications where a wall wash fitting is required.

Thermal Management

The ADLW150LED Wash Light is fitted with a purpose designed heat sink to ensure the operating temperate is within the design 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 life of the LED unit.

The life of the LED unit can be further extended by using the optional 150.12.008 – fanless forced air cooler. This is powered by the DALI gear module. The cooler produces 22dBA.

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 ADLW150 LED requires an initial burn in period of 100 hours to reach the listed specifications.

Lumen Maintenance

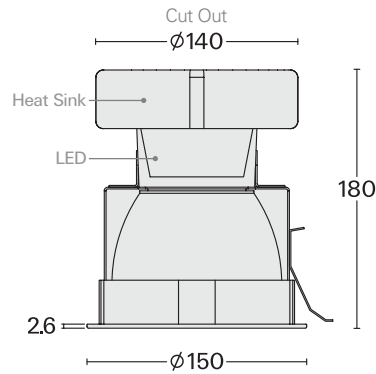
When used within the specification – Ta max 35° C, lumen maintenance of 70% at 35,000 hours is expected. At 50,000 hours lumen maintenance is 50% (average lifetime specification).

Specifications

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



Photometric data
available on CD



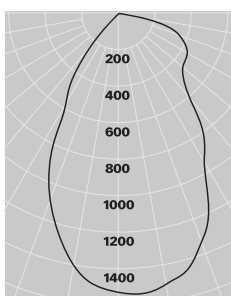
system specifications	power	light output	efficacy	input voltage	CCT	CRI	lm maintenance 35k hrs
LED 1100 lm, 17w/840	17W	1100 lm	65 lm/w	220-240 v	4000 K	80R	70%
LED 1100 lm, 19w/830	19W	1100 lm	58 lm/w	220-240 v	3000 K	80R	70%
LED 2000 lm, 29w/840	29W	2000 lm	69 lm/w	220-240 v	4000 K	80R	70%
LED 2000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

Specification is on system level (LED module and driver)

How to Order

Electronic non-dimmable	lumen	LED colour	system power W
ADLW150.1100.63.4000	1100	4000K	17
ADLW150.2000.63.4000	2000	4000K	29
ADLW150.1100.63.3000	1100	3000K	19
ADLW150.2000.63.3000	2000	3000K	33

Dali dimmable	lumen	LED colour	system power W
ADLW150.1100.66.4000	1100	4000K	17
ADLW150.2000.66.4000	2000	4000K	29
ADLW150.1100.66.3000	1100	3000K	19
ADLW150.2000.66.3000	2000	3000K	33



ADLW150.2000 - Intensity (cd)



Average Illuminance Eav (lx)

Wall height (m)	3.0		
Offset from wall (m)	0.60	0.90	0.90
Luminaire spacing (m)	0.90	0.90	1.20
Illuminance Eav (lx)	218	182	145



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