

Efficient Lighting Systems manufactures a wide range of commercial lighting fixtures. Other brochures are available including the following.



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

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Efficient lighting systems

ADLS130 LED
High output LED
downlights



www.elslighting.com.au

ADLS130 LED High Output LED Downlights

Specifications

- Philips LED and driver
- Aluminium reflector low glare with 45 degree shielding angle
- Remote electronic gear pack
- Dali dimming – optional

Benefits

- 1100 lumen and 2000 lumen versions available
- System efficiency up to 63lm/W
- Low glare reflector to ensure visual comfort
- Low maintenance long life
- Choice of 3000k and 4000k modules
- CRI=80
- DALI dimming available



ADLS130



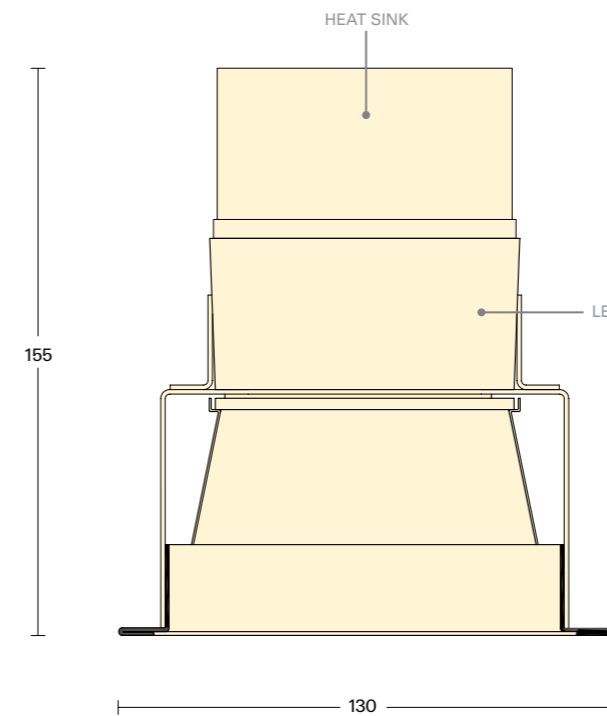
Specification is on system level (LED module and driver)

| System Specifications | Power | Light Output | Efficacy | Input Voltage | CCT | CRI | lm maintenance 35k hrs |
|-----------------------|-------|--------------|----------|---------------|--------|-----|------------------------|
| LED 1100 lm, 18w/840 | 18w | 1100 lm | 62 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, 32w/840 | 32w | 2000 lm | 63 lm/w | 220-240 v | 4000 K | 80R | 70% |
| LED 2000 lm, 36w/830 | 36w | 2000 lm | 56 lm/w | 220-240 v | 3000 K | 80R | 70% |

How to order

| Electronic non-dimmable | Lumen | LED colour | System power W |
|-------------------------|-------|------------|----------------|
| ADLS130.1100.63.4000 | 1100 | 4000K | 18 |
| ADLS130.2000.63.4000 | 2000 | 4000K | 32 |
| ADLS130.1100.63.3000 | 1100 | 3000K | 19 |
| ADLS130.2000.63.3000 | 2000 | 3000K | 36 |

| Dali dimmable | Lumen | LED colour | System power W |
|----------------------|-------|------------|----------------|
| ADLS130.1100.66.4000 | 1100 | 4000K | 18 |
| ADLS130.2000.66.4000 | 2000 | 4000K | 32 |
| ADLS130.1100.66.3000 | 1100 | 3000K | 19 |
| ADLS130.2000.66.3000 | 2000 | 3000K | 36 |



Specification and operating environment

Thermal Management

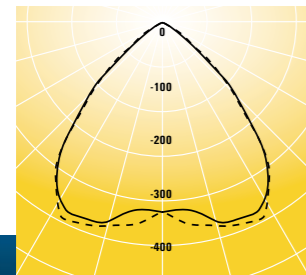
The ADLS130 LED is fitted with a purpose designed heat sink to ensure the operating temperature is within the design parameter of the LED unit. Maximum Ta temperature (ambient temperature) should not exceed 35 degrees C. Ta temperatures in excess of 35 degrees C will have a detrimental effect on the life of the LED unit.

Luminous flux during start period

In contrast to other light sources LED's can be on at full power (or in the case of a dimming version at any dimmed level) instantaneously. The ADLS130 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 degrees C, lumen maintenance of 70% at 35,000 hours is expected. At 50,000 hours lumen maintenance is 50% (average lifetime specification).



cd/1000 lms
ADLS130.2000
LOR 69.4%



Photometric Data

The data provided is also available on disc in IES format to assist with lighting designs.

