



# TECHLUME

A U S T R A L I A

## Product Overview

Product Name / Code: LAWSON MK-II 180W Canopy Light - LC2857

Description: Surface Mount, White, 4000K, 540mm x 540mm, Non-Dim

Manufacturer: Decrolux Lighting Pty Ltd



## Laboratory and Equipment

System Name: LabSpion Goniometer

Sensor Name / Model: LabSensor Model2 / Freedom VIS (Custom Viso)

Calibration Date: 7/12/2022

Manufacturer: Viso Systems, Denmark

## Measurement Details

Test Date and Time: 23/08/2023 11:43:13 AM

Measurement Method: Far Field, Type C Horizontal

Measurement Distance: 446.4 cm

Ambient Temperature: 25 °C ± 1 °C



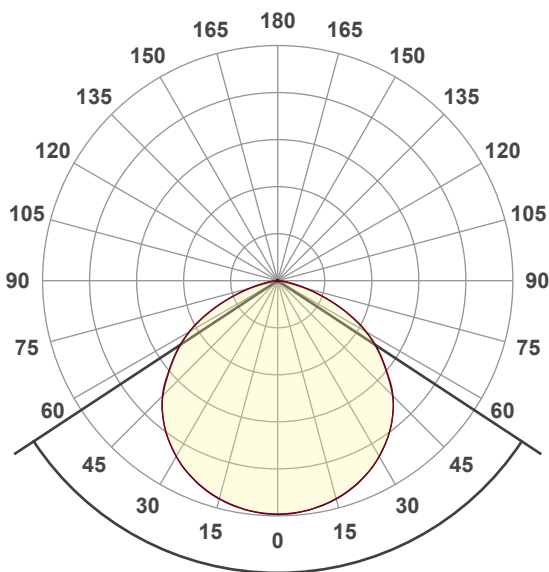
### Photometric Measurements

| Total Luminous Flux                   | Luminous Efficacy                       | Luminous Intensity           |
|---------------------------------------|---|------------------------------|
| 32494 lm                              | 181 Lumen/watt                          | 11637 cd                     |
| Correlated Colour Temperature, Target | Correlated Colour Temperature, Measured | Colour Rendering Index (CRI) |
| 4000 K                                | 3927 K                                  | Ra 70.8                      |

### Electrical Measurements

| Input Voltage | Input Current                       | Input Power             | Input Voltage Frequency      |
|---------------|-------------------------------------|-------------------------|------------------------------|
| 240 VAC       | 0.768 A                             | 179 W                   | 60 Hz                        |
| Power Factor  | Stabilisation Time                  | Stabilisation Variation | Hours Operated Prior to Test |
| 0.97          | Lamp stabilized in 59 min<br>24 sec | -2.8%                   | 0 hours                      |

### Polar Diagram



**Beam Angle 113.3°**

### Colour Rendering Index Per Reference Colour

