

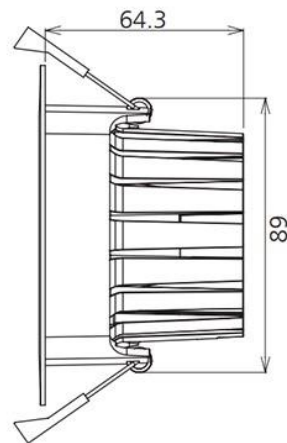


TECHLUME

A U S T R A L I A

Product Overview

| | |
|----------------------|--|
| Product Name / Code: | EMPRESS 15W Fixed Downlight, Tri-colour - LC3578 - 3000K |
| Description: | White, Tri-Colour, 60°, IP65, Phase 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: | 17/10/2023 5:16:29 PM |
| 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 |
|---------------------|-------------------|--------------------|
| 1305 lm | 89 Lumen/watt | 1296 cd |

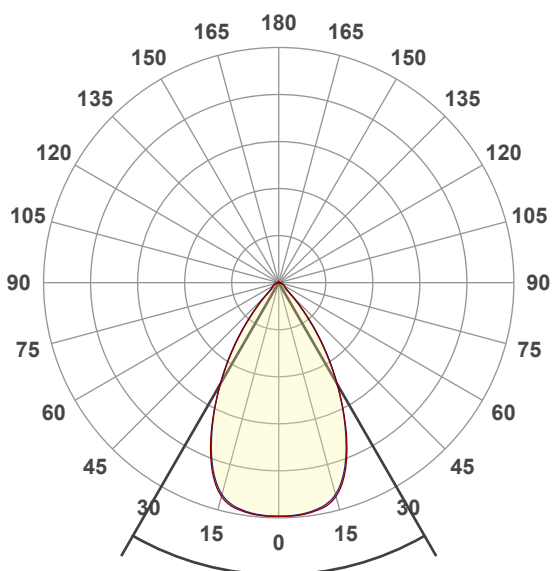
| Correlated Colour Temperature, Target | Correlated Colour Temperature, Measured | Colour Rendering Index (CRI) |
|---------------------------------------|---|------------------------------|
| 3000 K | 3037 K | Ra 91.0 |

Electrical Measurements

| Input Voltage | Input Current | Input Power | Input Voltage Frequency |
|---------------|---------------|-------------|-------------------------|
| 240 VAC | 0.067 A | 14.6 W | 60 Hz |

| Power Factor | Stabilisation Time | Stabilisation Variation | Hours Operated Prior to Test |
|--------------|---------------------------------|-------------------------|------------------------------|
| 0.91 | Lamp stabilized in 43 min 1 sec | -3.5% | 0 hours |

Polar Diagram



Beam Angle **59.9°**

Colour Rendering Index Per Reference Colour

