

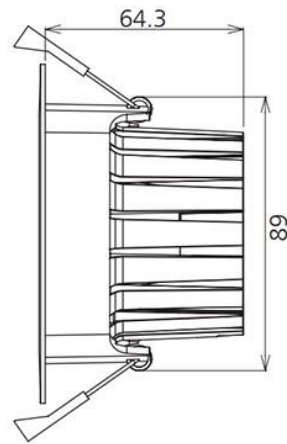


TECHLUME

A U S T R A L I A

Product Overview

Product Name / Code: EMPRESS 13W Fixed Downlight - LC3590
Description: White, 3000K, 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: 16/03/2023 11:15:47 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
1256 lm	107 Lumen/watt	1209 cd

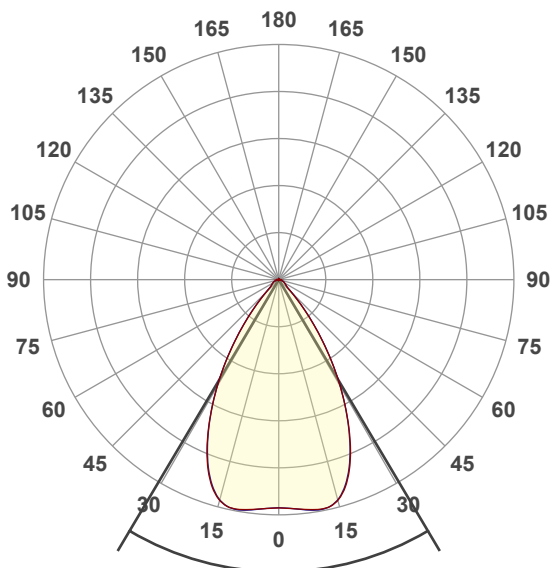
Correlated Colour Temperature, Target	Correlated Colour Temperature, Measured	Colour Rendering Index (CRI)
3000 K	2941 K	Ra 83.1

Electrical Measurements

Input Voltage	Input Current	Input Power	Input Voltage Frequency
240 VAC	0.051 A	11.7 W	60 Hz

Power Factor	Stabilisation Time	Stabilisation Variation	Hours Operated Prior to Test
0.95	Lamp stabilized in 30 min 0 sec	-2.8%	0 hours

Polar Diagram



Beam Angle **61.4°**

Colour Rendering Index Per Reference Colour

