

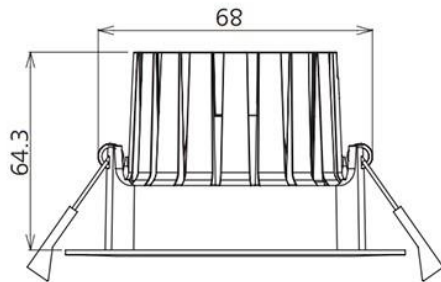


# TECHLUME

A U S T R A L I A

## Product Overview

Product Name / Code: EMPRESS 8W Gimbal Downlight - LC3583  
Description: White, 4000K, 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: 30/03/2023 12:55:02 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
891 lm	109 Lumen/watt	862 cd

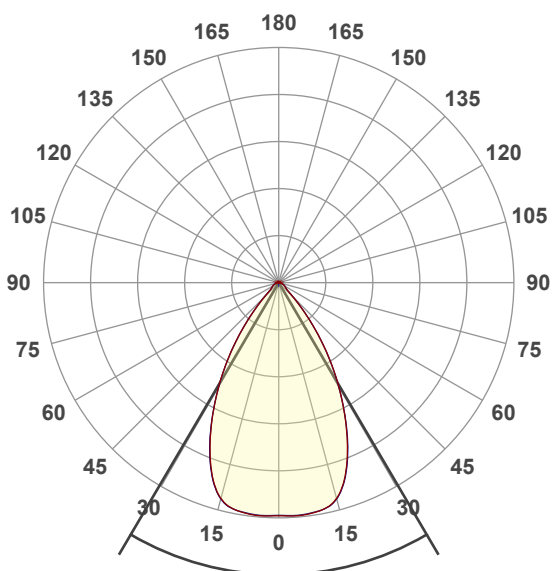
Correlated Colour Temperature, Target	Correlated Colour Temperature, Measured	Colour Rendering Index (CRI)
4000 K	3818 K	Ra 83.0

### Electrical Measurements

Input Voltage	Input Current	Input Power	Input Voltage Frequency
240 VAC	0.037 A	8.2 W	60 Hz

Power Factor	Stabilisation Time	Stabilisation Variation	Hours Operated Prior to Test
0.92	Lamp stabilized in 15 min 2 sec	+0.4%	0 hours

### Polar Diagram



Beam Angle **60.9°**

### Colour Rendering Index Per Reference Colour

