

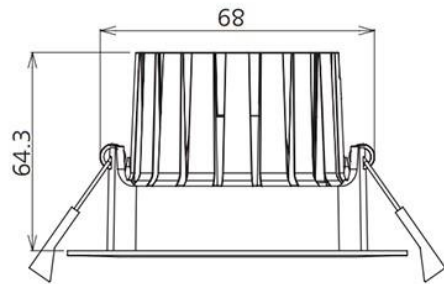


# TECHLUME

A U S T R A L I A

## Product Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Product Name / Code: | EMPRESS 10W Gimbal Downlight - LC3597 |
| 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:   | 27/03/2023 2:00:03 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 |
|---------------------|-------------------|--------------------|
| 1004 lm             | 100 Lumen/watt    | 955 cd             |

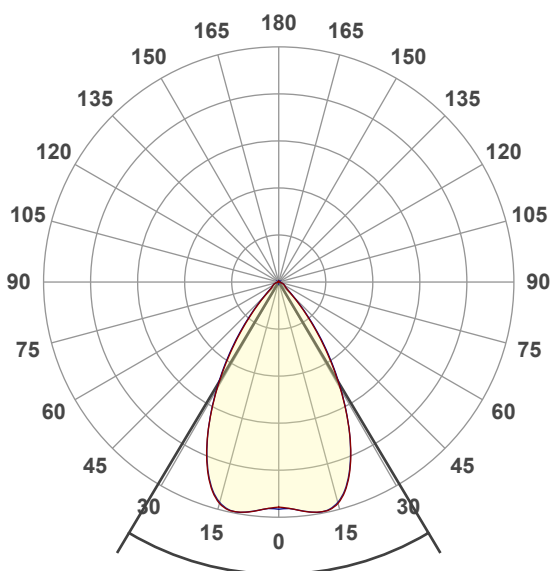
| Correlated Colour Temperature, Target | Correlated Colour Temperature, Measured | Colour Rendering Index (CRI) |
|---------------------------------------|---|------------------------------|
| 3000 K                                | 2983 K                                  | Ra 82.7                      |

### Electrical Measurements

| Input Voltage | Input Current | Input Power | Input Voltage Frequency |
|---------------|---------------|-------------|-------------------------|
| 240 VAC       | 0.044 A       | 10.1 W      | 60 Hz                   |

| Power Factor | Stabilisation Time              | Stabilisation Variation | Hours Operated Prior to Test |
|--------------|---------------------------------|-------------------------|------------------------------|
| 0.94         | Lamp stabilized in 15 min 2 sec | +0.2%                   | 0 hours                      |

### Polar Diagram



**Beam Angle 61.7°**

### Colour Rendering Index Per Reference Colour

