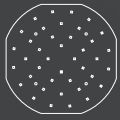




## Modules

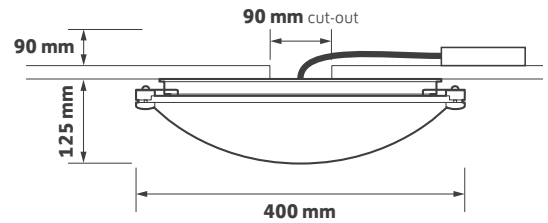


Tridonic CLE

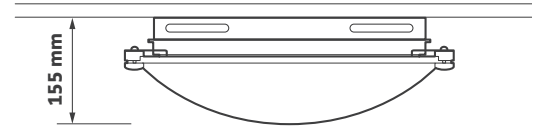
## Key Features

- ▶ Decorative glass LED luminaire
- ▶ Semi-opaque glass diffuser with subtle marbling effect
- ▶ Polished chrome fixings
- ▶ Tridonic CLE board and driver system for optimum performance
- ▶ Dimming options
- ▶ Short circuit, overload and temperature protection
- ▶ Life >50,000 hours L80 F10

## Technical Drawing



With spacer for mounting on solid surfaces.



## Ordering Information

Module Output	Power	Colour	Model Ref.
1800 lm	17 W	830	<b>146.001</b>
1800 lm	17 W	840	<b>146.002</b>

## Options

Please select from the options below.

SwitchDIM, DALI or DSI	<b>/ECO</b>
Single Point Connection to an ILEM product	<b>/SPC</b>
Spacer for solid surfaces	<b>SCR146</b>

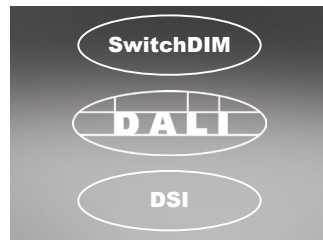


# 146 Series Options and Accessories

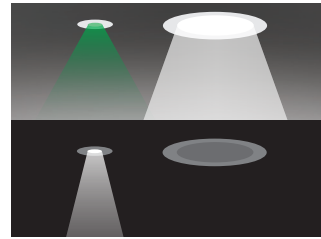
## Options



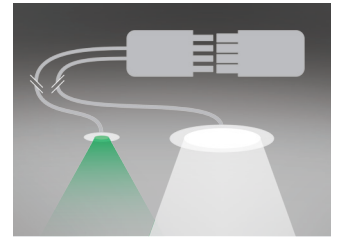
**SCR146**  
Spacer for solid surfaces



**/ECO**  
SwitchDIM, DALI or DSI



**ILEM**  
Please see ILEM datasheet



**/SPC**  
Single Point Connection to ILEM product

# 146 Series Options and Accessories

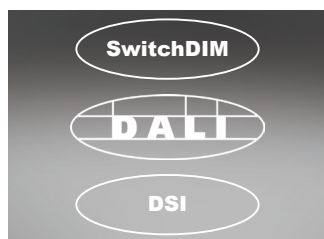
---

## Options

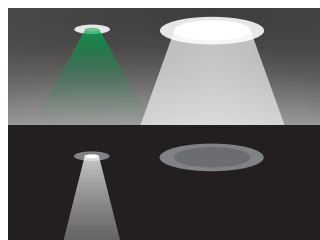
---



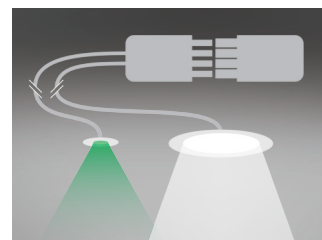
**SCR146**  
Spacer for solid surfaces



**/ECO**  
SwitchDIM, DALI or DSI



**ILEM**  
Please see ILEM datasheet



**/SPC**  
Single Point Connection to ILEM product

# 146 Series Technical

## Technical Information

Nominal weight	<b>2.3 kg</b>	Operating ambient temperature	<b>-25°C to +35°C</b>
Mains voltage	<b>220 - 240 V</b>	Mains lead	<b>500 mm 2 core white LSF</b>
Mains frequency	<b>50 - 60 Hz</b>	Warranty	<b>5 years</b>
Ingress protection from front	<b>IP20</b>	Power factor	<b>&gt;0.9</b>
Ingress protection from rear	<b>IP20</b>	Optical efficiency (DLOR)	<b>79%</b>
MacAdam	<b>3 SDCM</b>	Colour rendering	<b>R<sub>a</sub> 80</b>

Model Ref.	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR
<b>146.001</b>	17.3	1790	104	1419	82.3	3000	20
<b>146.002</b>	17.3	1950	113	1546	89.6	4000	20

# 146 Series Life

---

## 25°C Ta (Ambient Temperature)

---

Model Ref.	L90 / F10	L80 / F10
<b>146.001</b>	24,000 h	>50,000 h
<b>146.002</b>	24,000 h	>50,000 h

“**L VALUE**” = % of initial lumens maintained after specified time

“**F VALUE**” = % of fittings failing to meet operational expectations after specified time

### EXAMPLE

- 50,000 hrs L80 / F10 = 80% of initial lumens maintained after 50,000 hours  
= 10% of fittings will have less than 80% of initial lumens after 50,000 hours  
OR  
= 90% of fittings will have maintained 80% of initial lumens after 50,000 hours