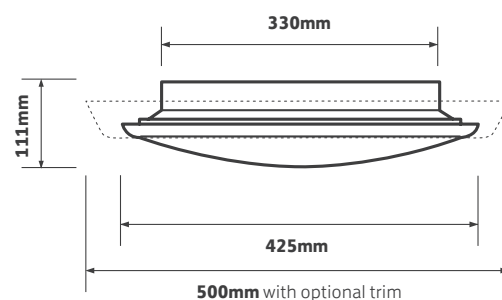




## Features

- ▶ LED bulkhead
- ▶ Built around the Tridonic CLE LED module
- ▶ Opal polycarbonate diffuser to minimise glare and LED spotting
- ▶ Integrated microwave presence detector option
- ▶ Emergency and dimming options
- ▶ Life 50,000 hours (L70)

## Technical Drawing



## Ordering Information

Model Ref.	Module Options		Control Gear Options		
	Lumen Output (lm)	Colour Temp (K)	Fixed Outout	/TEC	/ECO
<b>109.1501</b>	1790	3000	•	•	•
<b>109.1502</b>	1950	4000	•	•	•
<b>109.4001</b>	2600	3000	•	•	•
<b>109.4002</b>	2840	4000	•	•	•

## Options

Please select from the options below.

<b>/EM</b>	3 hour emergency
<b>/SO</b>	Sensor on/off
<b>/SD</b>	Sensor dim (10 / 100%)*
<b>Accessories</b>	Please see accessories sheet

\***/SD** not available with **/ECO** or **/TEC**



# 109. Accessories

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## Accessories

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**DB001**  
Gloss white trim



**DB002**  
Brushed aluminium effect trim



**DB003**  
Chrome trim

# 109. Technical

## Technical Information

Nominal weight	2 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240V	Target life ambient temperature	+35°C
Mains frequency	50 - 60Hz	Mains lead	N/A
Ingress protection	IP20	Dimming lead	N/A
Optical efficiency	88%	Life	50,000 hours (L70)

Model Ref.	Module Output (lm)	Module Efficacy (lm/tcW)	Colour Temp (K)	Colour Rendering (Ra)	Luminaire Power (tcW)	Luminaire Output (lm)	Luminaire Efficacy (lm/tcW)
109.1501	1790	117	3000	80	15.3	1575	102.9
109.1502	1950	127	4000	80	15.4	1716	111.4
109.4001	2600	128	3000	80	20.3	2288	112.7
109.4002	2840	140	4000	80	20.3	2499	123.1

## Control Gear Options

Fixed Output	TEC	ECO
<ul style="list-style-type: none"><li>▶ Overload protection</li><li>▶ Over temperature protection</li><li>▶ Nominal life 50,000 hours</li></ul>	<ul style="list-style-type: none"><li>▶ Overload protection</li><li>▶ Over temperature protection</li><li>▶ Nominal life 30,000 hours</li></ul>	<ul style="list-style-type: none"><li>▶ Switch dimming, Digital Addressable Lighting Interface (DALI type 6) or Digital Serial Interface (DSI) control</li><li>▶ Module output can be dimmed from 100 - 1%</li><li>▶ Overload protection</li><li>▶ Over temperature protection</li><li>▶ Nominal life 50,000 hours</li></ul>