

Cercla LED

3



Cercla LED is a high specification, surface mounted luminaire designed to provide ambient lighting in any interior application. From prestigious reception areas through to corridors and stairwells, Cercla's timeless design makes it a truly classic luminaire. For added versatility, an optional IP44 kit and tamper resistant kit make an attractive proposition for a variety of applications.

Embracing the latest energy saving LED technology, Cercla LED offers a choice of lumen outputs for ultimate design flexibility. Integrated articulated captive geartray for safety and ease of installation.

- Classic slim profile design to suit a variety of décor
- Smooth opal diffuser for optimum uniformity
- Tamper resistant and IP44 sealing kits make Cercla ideal for public areas and washrooms
- Fully integral emergency versions Microwave sensor option (fixed output only)
- Self-test and CGLine+ emergency monitoring options ensure compliance with testing requirements without disruption to the workspace

Lamp and Control Gear Options

- Fixed output control gear as standard
- DALI dimming options available

Materials

- Body - spun steel, powder coated in RAL9016 white
- Diffuser - opal UV stabilised polycarbonate
- IP44 gasket - silicon (optional accessory)

Installation Notes

- Suitable for ceiling or wall mounting
- BESA cable entry on rear with separate screw fixing points
- Terminal block with 2 x 2.5mm² cable capacity per termination
- Diffuser retained by internal spring clips
- Tamper resistant fixing kit available
- Simple IP44 upgrade also provides tamper resistant fixing
- Articulated captive geartray for safety and ease of installation

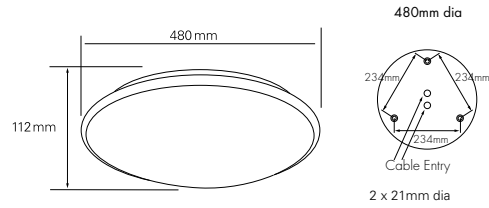
Options

- Fully integral emergency conversion, 3 hour duration
- Suitable for use on defined escape routes
- Microwave sensor inbuilt option
- Automatic self-test emergency versions available
- IP44 sealing kits include the tamper resistant fixings as standard
- Lighting controls and energy management options (refer to controls guide on page 429)
- We offer a range of product support to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

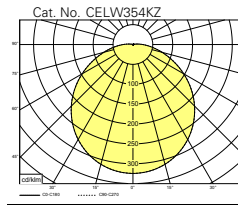
Specification

To specify state: Shallow profile compact LED luminaire for ceiling or wall surface mounting, with rigid spun steel body finished white, efficient uniformly flashed opal diffuser and emergency versions with fully integral control gear, as Eaton's Cercla LED range, part no. _____

Dimensions



Photometric Data



SHR nom: 1.25
SHR max: 1.474

Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.7	0.5	0.2	54	64	71	77	84	89	93	98	101
0.7	0.3	0.2	46	56	64	69	77	83	87	93	97
0.7	0.1	0.2	40	50	58	63	72	78	83	89	93
0.5	0.5	0.2	52	62	69	74	81	85	89	93	96
0.5	0.3	0.2	45	55	62	67	75	80	84	89	93
0.5	0.1	0.2	40	50	57	62	70	76	80	86	90
0.3	0.5	0.2	51	60	66	71	77	82	85	89	92
0.3	0.3	0.2	44	54	60	66	73	78	81	86	89
0.3	0.1	0.2	39	49	56	61	69	74	78	83	87
0	0	0	37	46	53	58	65	70	73	78	82
BZ-class			5	5	5	5	5	5	5	5	5

See page 468 for design guide



Cercla LED side view

Catalogue Numbers

Cat no.	Lumen output	Wattage (W)	Llm/cW	Weight (kg)	Emergency cat. no.	Weight (kg)
CELW154KZ	1567	13.7	114.4	3.18	EBCELW154KZ	3.75
CELW224KZ	2245	19.0	118.1	3.18	EBCELW224KZ	3.75
CELW354KZ	3632	31.0	117.2	3.18	EBCELW354KZ	3.75

For DALI Dimming option replace character Z with DD , e.g. CELW154KZ becomes CELW154KDD

Microwave variants have the suffix M, e.g. CELW154KZM (Fixed output versions only)

Emergency versions also available with automatic test functionality, e.g. EasiCheck 2 and CG Line+

Accessories

Description	Cat No	Weight (Kg)	
IP44 sealing kit - 480 dia	CEIP480	0.06	(Note: Includes tamper resistant fixings as standard)
Tamper resistant fixing kit	CETRK	0.03	

For further information contact our technical support and application department on 01302 303240 or email LightingTechnicalUK@Eaton.com

For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/decorative-wall-and-ceiling-lights-cercla-led-eaton.html>