

# Decorative Wall and Ceiling Lighting





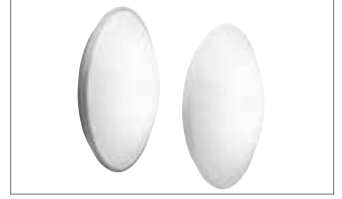
Caius 102



Bijou LED 106



Cercla LED 108



Waveform Wall LED 111



## Caius

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For a wide range of applications where flexibility needs to be married to performance, the Caius range offers a complete solution. Caius combines practical attributes with contemporary clean lines and form. Although at home in most interior applications, Caius offers ingress protection to IP65 so suits a wide range of locations. Caius gives a highly efficient design solution, minimising installation points.

High output LED sets offer high levels of efficacy combined with class leading emergency operation helping to reduce the number of installed points whilst maintaining compliant lighting designs.

- Polycarbonate lens and ABS body for durability
- TPa material means compliance with the requirements for escape routes
- Opal diffuse lens for homogenous light output
- Choice of two complimentary body sizes
- Fully integral emergency versions
- Microwave option
- Corridor control function option (DALI only)
- IP65 dust tight and water jet proof
- Balanced looks maximise the efficiency and output of Caius
- Installation friendly design reduces on site costs

**Light source and Control Gear Options**

- LED – high output, high efficiency LED chip set optimised for maximum efficiency
- Energy efficient LED drivers - high frequency as standard
- DALI option

**Materials**

- Body – ABS structurally strong and impact resistant
- Lens – TPa polycarbonate opal

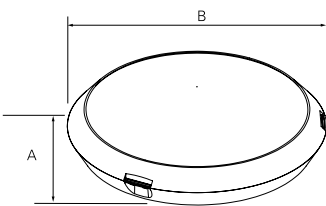
**Installation Notes**

- Terminal block with a 2 x 2.5mm<sup>2</sup> cable capacity per termination

**Options**

- Fully integrated LED emergency conversion, 3 hour duration
- Microwave sensor inbuilt option
- Corridor function control option (only available on DALI)
- Suitable for use on defined escape routes
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

**Dimensions**

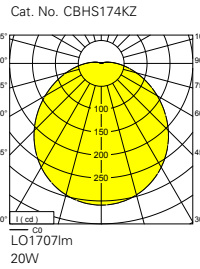


Variant	A (mm)	B (mm)
Small	125	350
Large	135	430

**Specification**

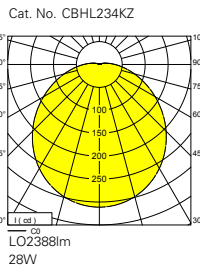
To specify state: Surface mounted luminaire, IP65 with polycarbonate lens and ABS construction body. White trim with 3 / 4 point closures. High efficiency LED and fully integrated emergency gear, as Eaton's Caius range, part no. \_\_\_\_\_

**Photometric Data**



Utilisation factors / TM5		Room Index												
Reflectances			0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0			
C	W	F												
70	50	20	56	64	71	77	84	88	92	96	100			
70	30	20	49	56	64	69	77	82	86	92	95			
70	10	20	43	51	58	64	71	77	82	88	92			
50	50	20	54	62	68	73	80	84	87	92	94			
50	30	20	47	55	62	67	74	79	83	88	91			
50	10	20	42	50	57	62	69	75	79	84	88			
30	50	20	52	59	66	70	76	80	83	87	90			
30	30	20	46	53	60	65	71	76	79	84	87			
30	10	20	42	49	55	60	67	72	76	81	84			
0	0	0	39	46	52	57	63	68	71	76	79			
BZ-class			5	5	5	5	5	5	5	5	5			

See page 382 for design guide



Utilisation factors / TM5		Room Index												
Reflectances			0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0			
C	W	F												
70	50	20	56	64	71	77	84	88	92	96	100			
70	30	20	48	56	64	69	77	82	86	92	95			
70	10	20	43	50	58	63	71	77	82	88	92			
50	50	20	54	62	68	73	80	84	87	92	94			
50	30	20	47	55	62	67	74	79	83	88	91			
50	10	20	42	49	57	62	69	75	79	84	88			
30	50	20	52	59	66	70	76	80	83	87	90			
30	30	20	46	53	60	65	71	76	79	84	87			
30	10	20	42	49	55	60	67	72	76	81	85			
0	0	0	39	46	52	57	63	68	71	76	79			
BZ-class			5	5	5	5	5	5	5	5	5			

See page 382 for design guide

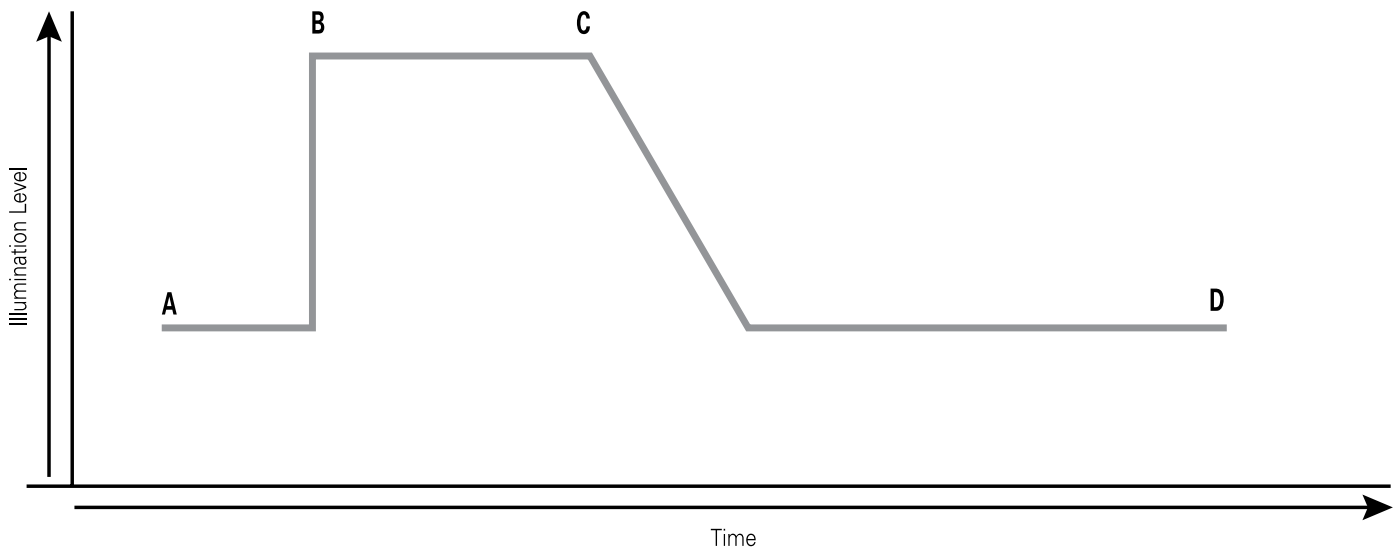


Captive diffuser and LED board for ease of installation

**Corridor Function**

Caius is available with a DALI corridor function option for applications where comfort, path finding and safety are considerations.

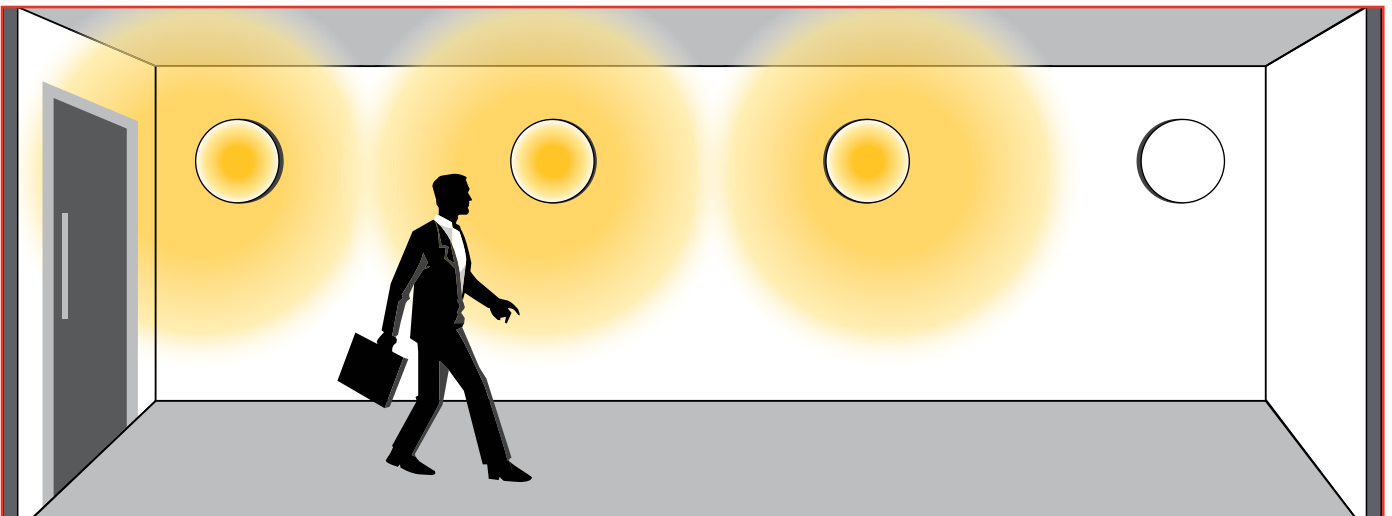
Typically used in transit areas, corridor function allows the safe passage of people by utilising local detection to switch products on rapidly either adjacent to detection, or in some cases ahead of the direction of movement. Caius can be used to trigger this by means of the optional built in microwave detector or by linking to remotely mounted devices.

**Operation**

- A - Set-back illumination level - typically 10%
- B - Presence detected - rapid rise to full illuminance level
- C - Gradual dimming after presence no longer detected
- D - Set-back illumination level

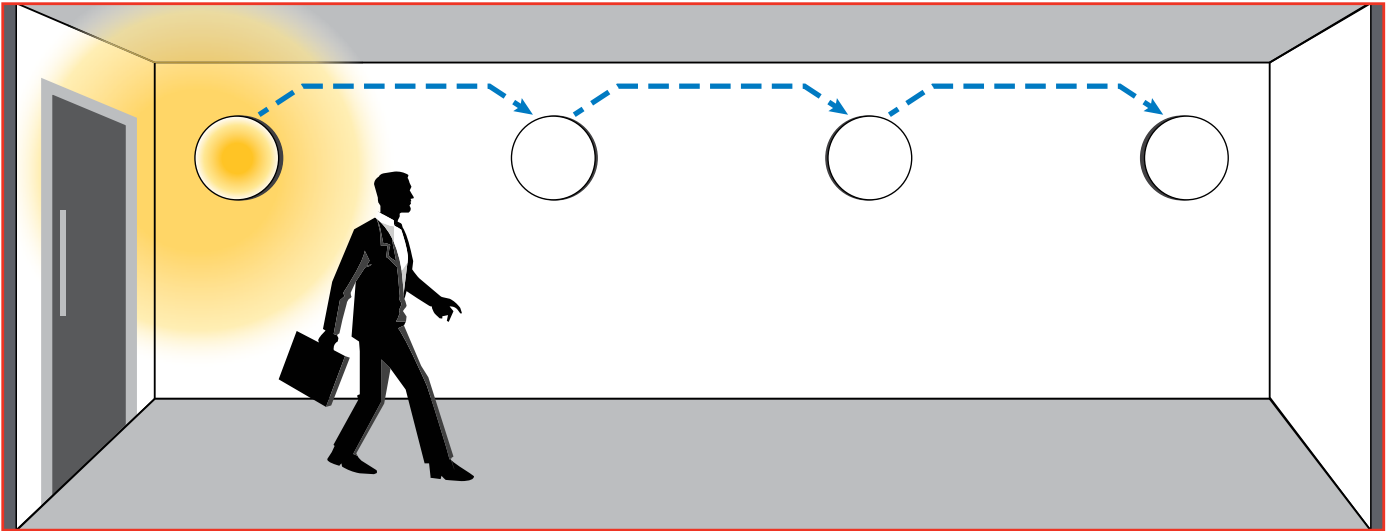
**Corridor Function** - individual internal control

In this scenario, each luminaire is individually controlled and offers a 'pathway' effect as progress is made along a route. Gradual dimming takes place as the individual leaves the detection zone.



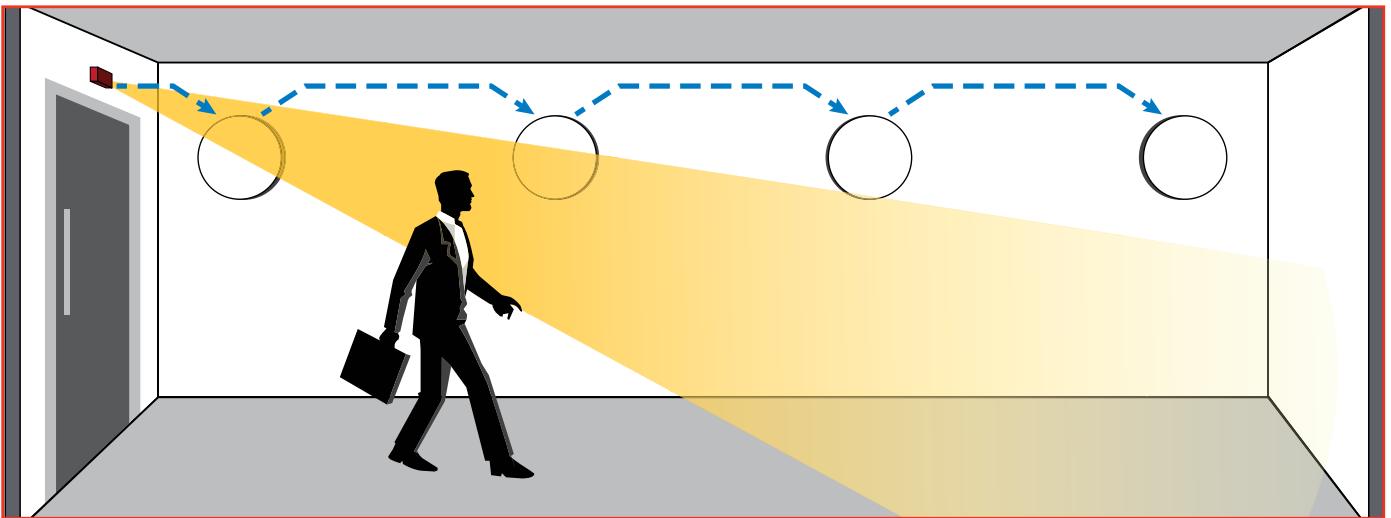
**Corridor Function** – single internal microwave in master / slave configuration

In this scene, an individual luminaire operates as a master and other slaves are linked. All luminaires operate at the same time.



**Corridor Function** – remote detection control

Remote device may also be used to control luminaires in corridor function. This may be appropriate where the detection position and luminaire position may not be the same.



**Catalogue Numbers**

Variant	Cat No	Lumen Output	Wattage (W)	Llm/ cW	Weight (kg)	Em Cat No	Weight (kg)
Small	CBHS174KZ	1856	18	103.1	1.3	ELCBHS174KZ	2.2
Large	CBHL234KZ	2516	24.13	104.3	1.9	ELCBHL234KZ	2.8

For DALI Dimming option replace character Z with DD, e.g. CBHS174KZ becomes CBHS174KDD

Emergency versions also available with automatic test functionality.

For corridor function, add the suffix CO, e.g. CBHS174KDD becomes CBHS174KDDCO

**Note - corridor function is only available as an option on DALI products, not on HF variants**

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

## Bijou LED

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Bijou IP54 is a decorative low profile surface luminaire using low energy LED technology. Supplied complete with a white bezel as standard the aesthetics can be further enhanced using optional bezels in a variety of finishes. The base and diffuser are both manufactured from a grade of polycarbonate that meets the emergency glow wire test. This means that versions available as 3 hour maintained emergency options are ideal for both open areas and defined escape routes. The diffuser is attached using a twist and lock type action onto an internal gasket which gives an IP54 rating and this secure fixing has the additional benefit of making the luminaire suitable for wall and ceiling mounting.

- Decorative low profile luminaire c/w white bezel as standard
- Optional bezels in polished chrome, polished brass or satin silver finish
- Can be wall or ceiling mounted
- IP54 rated with a high protection to solid objects and wet conditions
- Twist and lock diffuser offers tool free lamp replacement
- Fully integral emergency option
- LED for high efficacy and low maintenance
- LED life 35,000 hours to L70

**Lamp Options**

- 14W LED 4000°K

**Materials**

- Base, diffuser and bezel - injection moulded fire retardant polycarbonate

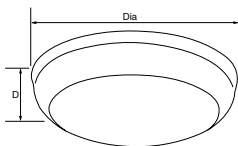
**Installation Notes**

- Suitable for direct fix onto normally flammable surfaces
- The twist and lock diffuser allows for a tool free lamp replacement making maintenance straightforward
- Supplied with lamp

**Options**

- High frequency control gear as standard
- Fully integral emergency conversion, 3 hour duration
- Supplied complete with white bezel as standard
- Polished brass, polished chrome and satin silver finish bezels as accessory

**Dimensions**

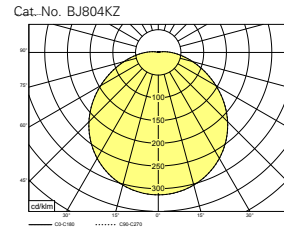


Lamp Type	Dia (mm)	D (mm)
LED	335	107
Large Bezel	335	57
Large Bezel	335	57
Large Bezel	335	57

**Specification**

To specify state : Low profile LED luminaire for ceiling or wall surface mounting with integral emergency option. IP54 rated with injection moulded polycarbonate opal diffuser and housing and a range of coloured accessory bezels, as Bijou IP54 range, part no

**Photometric Data**



LOR: 0.38  
ULOR: 0.01  
DLOR: 0.37

SHRnom : 1.25  
SHRmax : 1.488

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	53	64	71	76	83	89	92	97	100
0.7	0.3	0.2	45	55	63	68	77	82	86	92	96
0.7	0.1	0.2	39	49	57	63	71	77	82	88	92
0.5	0.5	0.2	52	61	68	73	80	85	88	92	95
0.5	0.3	0.2	44	54	61	66	74	79	83	89	92
0.5	0.1	0.2	39	49	56	61	69	75	79	85	89
0.3	0.5	0.2	50	59	65	70	76	81	84	88	91
0.3	0.3	0.2	43	53	59	64	72	77	80	85	88
0.3	0.1	0.2	38	48	55	60	67	73	77	82	86
0	0	0	36	45	52	57	64	69	72	77	80
BZ-class			5	5	5	5	5	5	5	5	5

See page 468 for design guide

Polished brass



Satin silver



Polished chrome



**Catalogue Numbers**

Cat No	Lumen Output	Wattage	Efficacy (Llm/cW)	Weight (kg)	Emergency cat no	Weight (kg)
BJ804KZ	1111	14.0	79.3	1.1	ELBJ804KZ	1.9

Accessory	Size Dia (mm)	Cat No	Colour	Weight (kg)
Large Bezel	335	BJLBSIL	Satin Silver	0.2
Large Bezel	335	BJLBPC	Polished Chrome	0.2
Large Bezel	335	BJLBPB	Polished Brass	0.2

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-bijou-ip54-and-led-eaton.html>



## Cercla LED

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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 2.5mm<sup>2</sup> 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

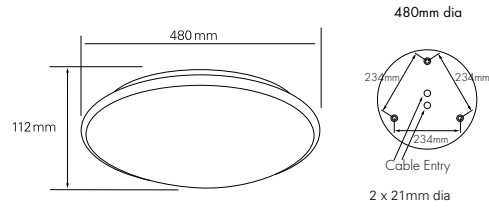
**Options**

- 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

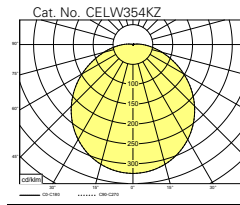
**Specification**

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+

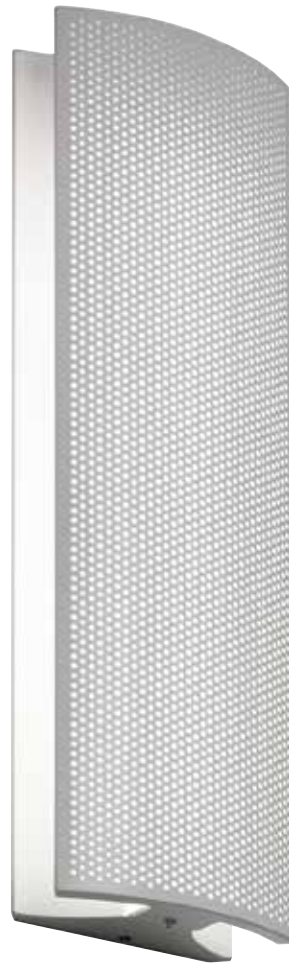
## Accessories

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](mailto: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>

## Waveform Wall



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Waveform Wall provides an energy efficient solution for wall mounted applications. Designed with leading performance both in general operation and in emergency mode, it allows the designer freedom to use it in many situations. A neat architectural profile offers an attractive design orientated look to diverse spaces.

Using advanced LED technology, the Waveform Wall not only offers energy efficiency and long life, but provides an ideal emergency lighting solution for stairwells and corridors where other products fail to meet today's stringent emergency lighting standards.

- Aids lighting scheme design to comply with LG7 and BS EN 12464-1
- Attractive architectural profile
- Indirect illumination
- Soft, comfortable lighting effect
- Fully integral emergency version
- Simple to install with plug and socket mains connection minimising installation time
- High lumen output in emergency operation mode

**Light Engine and Control Gear Options**

- LED - high output, high efficiency LED chip set optimised for maximum efficacy - 4000°K as standard
- High frequency control gear as standard
- DALI dimming options available

**Materials**

- Body and perforated panel - steel, powder coated in RAL9016
- Diffusing panel - flame retardant diffusing medium

**Installation Notes**

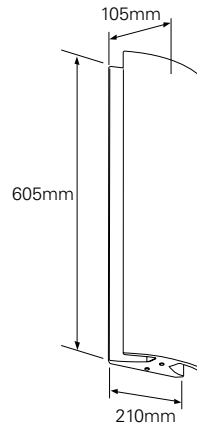
- Suitable for wall mounting (vertically or horizontally)
- Direct screw fix via 2 x key hole slots
- Open rear access for ease of cable entry
- Plug and socket mains connection with 2 x 2.5mm<sup>2</sup> cable capacity per termination
- Fused as standard
- Aids lighting scheme design to comply with LG7 and BS EN 12464-1

**Options**

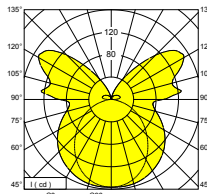
- Fully integral emergency conversion, 3 hour duration
- Suitable for use on defined escape routes
- Emergency versions available with automatic test functionality

**Specification**

To specify state: Architectural wall mounted luminaire with dispersive wing reflector, curved perforated diffuser and fire retardant diffusing medium as Eaton's Waveform Wall range part no. \_\_\_\_\_

**Dimensions****Photometric Data**

Cat. No. WAW174KZ  
LED



LO 1699 lm

**Catalogue Numbers**

Cat No	Lumen Output	Wattage	Efficacy (Llm/cW)	Weight (kg)	Emergency cat no	Weight (kg)
WAW174KZ	1699	21.2	79.9	3.2	ELWAW174KZ	3.9
WAW274KZ	2714	35.6	76.2	3.2	ELWAW274KZ	3.9

For DALI dimming option, replace part number character **Z** with **DD**, eg WAW155**Z** becomes WAW155**DD**

Emergency versions available with automatic test functionality

For further information contact our technical support and application department on 01302 303240 or email [LightingTechnicalUK@Eaton.com](mailto:LightingTechnicalUK@Eaton.com)

