

# Lara

## Circular IP65 LED Bulkhead



### Meet Lara

Sporting many different looks, Lara is the ultimate choice for a range of indoor and outdoor settings

- 800 lm LED (direct replacement for 1x16 W 2D), 1200 lm LED (direct replacement for 1x28 W 2D) and 2000 lm LED (direct replacement for 1x38 W 2D)
- Frosted diffuser ensures a homogeneous light effect and visual comfort
- Sealed to IP65 for protected exterior applications
- Robust construction tested up to IK08 impact resistance
- Optional trim accessories in 5 designs (bezel, bezel curved, eyelid, eyelid grille and grille) and 4 colours (black, white, silver and chrome)
- 2 Colours of the fitting: white (RAL 9003) and black (RAL 9011)
- Optional: Integral photocell or microwave presence sensor maximising the energy saving potential



800, 1200 and 2000 lumens, up to 100 lm/W



50 000 hours lifetime



Save up to 70% energy compared with luminaires with 2D lamps



250, 300 and 330 mm diameter



3 h emergency version available



Integral photocell or presence sensor

### Ideal for...



Circulation Corridors



Underpasses



Stairwells



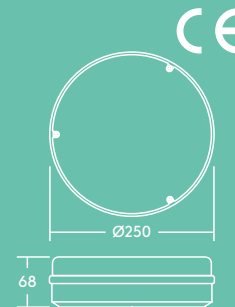
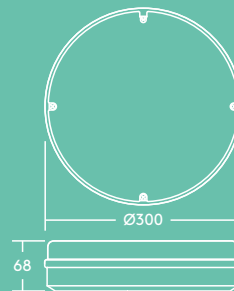
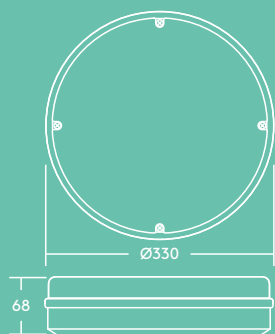
Public entrance areas

### Light source information

- 2000 lm (20 W), 1200 lm (13 W) and 800 lm (10 W), up to 100 lm/W
- 4000 K neutral white LED
- Lifetime 50 000 hours (@L70, Ta 25 °C)
- CRI 80

### Specification

- Class II electrical
- IP65
- IK08
- ENEC certified driver
- Ambient operating temperature: -10 to +40 °C (E3: 0 to +25 °C)



Bezel trim BLK



Bezel trim WH



Bezel trim SIL



Bezel trim CHR



Eyelid trim



Eyelid grille trim



Grille trim

## Performance guide

### 800 lumens – Corridor

Ceiling height (m)	Luminaire Spacings (m)	Lux Level Average (E <sub>m</sub> )	Uniformity (U <sub>o</sub> )	UGR
2.4	3.0	63 lux	0.66	25
	2.4	80 lux	0.74	25
	1.8	101 lux	0.71	25
2.7	3.0	58 lux	0.66	25
	2.4	70 lux	0.71	25
	1.8	93 lux	0.70	25
3.0	3.0	54 lux	0.66	25
	2.4	68 lux	0.72	25
	1.8	91 lux	0.71	25

### 1200 lumens – Corridor

2.4	3.0	92 lux	0.64	25
	2.4	117 lux	0.73	25
	1.8	162 lux	0.74	25
2.7	3.0	85 lux	0.63	25
	2.4	108 lux	0.72	25
	1.8	150 lux	0.65	25
3.0	3.0	82 lux	0.66	25
	2.4	104 lux	0.72	25
	1.8	130 lux	0.55	25

Based on a 21×2 metre corridor with 70/50/20 reflectances, a 0.80 maintenance factor and the floor as the working plane.

### Installation/Mounting

- Suitable for wall or ceiling mounting
- Quick and easy installation
- Suitable for BESA fixing

### Material/Finish

Body: Polycarbonate  
Diffuser: Polycarbonate

### Integral photocell & presence sensor

Lara's integral photocell option will light from dusk till dawn. (Operation level: approx. 20 lux ON, approx. 30 lux OFF).

Lara's microwave sensor option will ensure that light is only delivered when needed. The motion detection range and time duration is fully adjustable.

## Ordering guide

Description	Wt (kg)	Cat.No. (WH)	Cat.No. (BLK)	Cat.No. (SIL)
LARA LED 250 800 840	0.7	LAS800ZW4K	LAS800ZB4K	
LARA LED 250 800 840 E3	0.9	LAS800ZWE4K	LAS800ZBE4K	
LARA LED 300 1200 840	1.07	LAL1200ZW4K	LAL1200ZB4K	
LARA LED 300 1200 840 E3	1.2	LAL1200ZEW4K	LAL1200ZEB4K	
LARA LED 250 800 840 MWS	0.7	LAS800ZMW4K	LAS800ZMB4K	
LARA LED 250 800 840 MWS E3	0.9	LAS800ZMEW4K	LAS800ZMEB4K	
LARA LED 300 1200 840 MWS	1.07	LAL1200ZMW4K	LAL1200ZMB4K	
LARA LED 300 1200 840 MWS E3	1.2	LAL1200ZMEW4K	LAL1200ZMEB4K	
LARA LED 250 800 840 PC	0.7	LAS800ZPW4K	LAS800ZPB4K	
LARA LED 300 1200 840 PC	1.1	LAL1200ZPW4K	LAL1200ZPB4K	
LARA LED 300 1000 840 BEZEL TRIM	1.3	LAL1000ZW4KBEZW		
LARA LED 330 2000 840 BEZEL TRIM	1.3	LAL2000ZW4KBEZW		
LARA LED 330 2000 840	1.2	LAXL1900ZW4K		
LARA LED 330 2000 840 MWS	1.2	LAXL1900ZMW4K		
LARA LED 330 2000 840 E3	1.4	LAXL1900ZEW4K		
LARA LED 330 2000 840 MWS E3	1.4	LAXL1900ZMEW4K		
LARA LED 330 1800 830	1.3	LAXL1900ZW3K		
<b>Accessories</b>				
LARA BEZEL TRIM S 250	0.2	LASBEZW	LASBEZB	LASBEZS
LARA BEZEL TRIM L 300	0.2	LALBEZW	LALBEZB	LALBEZS
LARA BEZEL TRIM XL 330	0.3	LAXLBEZW		LAXLBEZS
LARA EYELID TRIM S 250	0.2		LASEYEB	
LARA EYELID TRIM L 300	0.3		LALEYEB	
LARA EYELID GRILLE TRIM S 250	0.2		LASEYEGRIB	
LARA EYELID GRILLE TRIM L 300	0.3		LALEYEGRIB	
LARA GRILLE TRIM S 250	0.2		LASGRIB	
LARA GRILLE TRIM L 300	0.3		LALGRIB	
LARA Tamperproof Screw Kit	0.019			LAVPSKIT
		<b>Wt (kg)</b>	<b>Cat.No. (WH)</b>	<b>Cat.No. (BLK)</b>
★ LARA BEZEL TRIM CURVED S 250	0.2	LASCURBEZW		LASCURBEZCH
★ LARA BEZEL TRIM CURVED L 300	0.2	LALCURBEZW		LALCURBEZCH
★ LARA BEZEL TRIM CURVED XL 330	0.3	LAXLCURBEZW		LAXLCURBEZCH

MWS: microwave presence sensor

BLK: black; WH: white; SIL: silver; CHR: chrome

E3: 3 hour emergency lighting

PC: photocell

★ New



Five year guarantee