

Lara

Circular IP65 bulkhead



Meet Lara

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

- 1200 lm LED (direct replacement for 1x28 W 2D) and 800 lm LED (direct replacement for 1x16 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 4 designs: bezel, eyelid, eyelid grille and grille
- 2 Colours: white (RAL 9003) and black (RAL 9011)
- Optional: Integral photocell or microwave presence sensor maximising the energy saving potential



1200 and 800 lumens, up to 90 lm/W



50 000 hours lifetime



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



300 and 250 mm diameter



3h emergency version available



Integral photocell or presence sensor

Ideal for...



Circulation Corridors



Public entrance areas



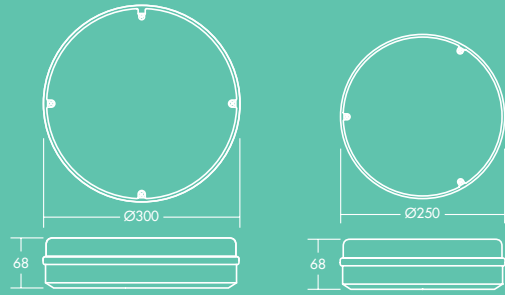
Underpasses



Stairwells

Light source information

- 1200 lm (13W), 90 lm/W and 800 lm (10W), 80 lm/W
- 4000K neutral white LED
- Lifetime 50 000 hours (@L70B50, Ta 25°C)
- CRI 80



Bezel trim BLK

Bezel trim WH

Eyclid trim

Eyclid grille trim

Grille trim

Performance guide

800 lumens – Corridor

Ceiling height (m)	Luminaire Spacings (m)	Lux Level Average (E_m)	Uniformity (U_o)	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

Ceiling height (m)	Luminaire Spacings (m)	Lux Level Average (E_m)	Uniformity (U_o)	UGR
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 x 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, with the additional benefit of a daylight sensor for illuminance levels between 2 and 50 lux.

www.thorn-eco.com

Ordering guide

Description	Wt (Kg)	SAP Code	Cat. No.
LARA LED 250 800 840 WH	0.7	96666101	LAS800ZW4K
LARA LED 250 800 840 BLK	0.7	96666102	LAS800ZB4K
LARA LED 250 800 840 WH E3	0.9	96666103	LAS800ZWE4K
LARA LED 250 800 840 BLK E3	0.9	96666104	LAS800ZBE4K
LARA LED 300 1200 840 WH	1.1	96666105	LAL1200ZW4K
LARA LED 300 1200 840 BLK	1.1	96666106	LAL1200ZB4K
LARA LED 300 1200 840 WH E3	1.2	96666107	LAL1200ZEW4K
LARA LED 300 1200 840 BLK E3	1.2	96666108	LAL1200ZEB4K
LARA LED 250 800 840 MWS WH	0.7	96666109	LAS800ZMW4K
LARA LED 250 800 840 MWS BLK	0.7	96666110	LAS800ZMB4K
LARA LED 250 800 840 MWS WH E3	0.9	96666111	LAS800ZMEW4K
LARA LED 250 800 840 MWS BLK E3	0.9	96666112	LAS800ZMEB4K
LARA LED 300 1200 840 MWS WH	1.1	96666113	LAL1200ZMW4K
LARA LED 300 1200 840 MWS BLK	1.1	96666114	LAL1200ZMB4K
LARA LED 300 1200 840 MWS WH E3	1.2	96666115	LAL1200ZMEW4K
LARA LED 300 1200 840 MWS BLK E3	1.2	96666116	LAL1200ZMEB4K
LARA LED 250 800 840 PC WH	0.7	96666117	LAS800ZPW4K
LARA LED 250 800 840 PC BLK	0.7	96666118	LAS800ZPB4K
LARA LED 300 1200 840 PC BLK	1.1	96666119	LAL1200ZPB4K
LARA LED 300 1200 840 PC WH	1.1	96666120	LAL1200ZPW4K
Accessories			
LARA BEZEL TRIM SMALL 250 WH	0.2	96666121	LASBEZW
LARA BEZEL TRIM LARGE 300 WH	0.2	96666122	LALBEZW
LARA BEZEL TRIM SMALL 250 BLK	0.2	96666123	LASBEZB
LARA BEZEL TRIM LARGE 300 BLK	0.2	96666124	LALBEZB
LARA EYELID TRIM SMALL 250 BLK	0.2	96666125	LASEYEB
LARA EYELID TRIM LARGE 300 BLK	0.3	96666126	LALEYEB
LARA EYELID GRILLE TRIM SMALL 250 BLK	0.2	96666127	LASEYGRIB
LARA EYELID GRILLE TRIM LARGE 300 BLK	0.3	96666128	LALEYGRIB
LARA GRILLE TRIM SMALL 250 BLK	0.2	96666129	LASGRIB
LARA GRILLE TRIM LARGE 300 BLK	0.3	96666130	LALGRIB
LARA Tamperproof Screw Kit		96628612	LAVPSKIT
Lighting Control			
SWITCHLITE MRE SLDM ADJ		96239855	SLMW30W
SWITCHLITE SLDM		96019208	
SWITCHLITE CC PROGRAMMER		96240295	

MWS: Microwave presence sensor
BLK: black; WH: white
E3: 3 hour emergency lighting
PC: Photocell



Five year warranty