

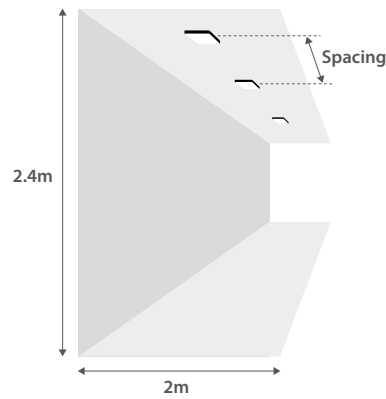
PRISMALETTE PRO

PERFORMANCE GUIDE

Photometric Performance -
16W LED ceiling mounted version

SPACING	AVERAGE ILLUMINANCE	UNIFORMITY (min/av)
2.4m mounting height -		
3m ctrs	105 lux	0.73
4m ctrs	89 lux	0.70
5m ctrs	75 lux	0.71
6m ctrs	64 lux	0.74
9m ctrs	44 lux	0.68
10m ctrs	40 lux	0.57
12m ctrs	34 lux	0.40
15m ctrs	27 lux	0.25

FIGURES ARE BASED ON INITIAL LUMENS



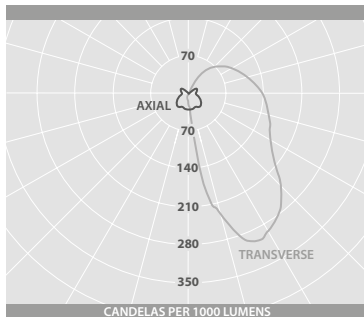
e.g. At 2.4m mounting height and 9m centres: 39 lux average horizontal illuminance at ground level

ACCESSORIES

DESCRIPTION	CAT. No.
Bezel for semi-recessed mounting (<i>black finish</i>)	PS 11876B3
Bezel for semi-recessed mounting (<i>white finish</i>)	PS 11876W9
Adaptor for cornice mounting (<i>black finish</i>)	PS 18886B3
Adaptor for cornice mounting (<i>white finish</i>)	PS 18886W9
4mm pin hex security key	KEY 7979

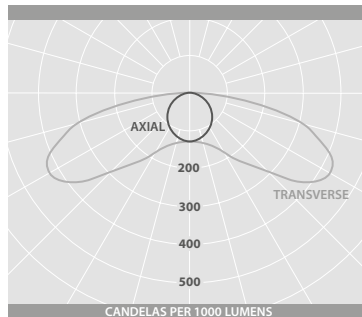


PHOTOMETRIC GUIDE



WALL MOUNTED VERSION

Luminaire Lumen Output:
12W = 1535lm



CEILING MOUNTED VERSION

Luminaire Lumen Output:
16W = 2035lm

OPTIONS

DESCRIPTION	SUFFIX	EXAMPLE
Photocell ▲◆	PC	PS 17312LPC
Microwave presence detector	MD	PS 17313MD

- ▲ Wall mounted version only
- ◆ Not suitable for semi-recessed or cornice mounting



Pre-assembled retro-fit module
complete with polycarbonate cover

RANGE

	LED	CAT. No.	APPROX. kg
WALL VERSION	12W	PS 17318L	1.2
CEILING VERSION	16W	PS 17319L	1.2

CIRCUIT TYPE - L - non-dimming



PRISMALETTE PRO



LED VANDAL-RESISTANT LUMINAIRES



SPECIFICATION

- Strong high-pressure die-cast LM2 aluminium body. Textured black, full polyester powder finish as standard
- Long life silicone sponge gasket ensuring IP66 rating
- SmartScan emergency version with wireless test status reporting
- White finish option
- 3mm fire-retardant polycarbonate cover
- Tamper-resistant cover screws as standard (Requires a 4mm pin hex security key - see Accessories table on page 1)
- Two distribution versions optimised for wall or ceiling mounting
- Microwave presence detector option with stand-by light level feature
- Bezel trim for semi-recessed mounting
- Fitted with 4000K LEDs

LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>80%
REPLACEABLE	YES
POWER FACTOR	>0.95

LL/CW **113.1**

For LED characteristics explanation see www.thorlux.com.au/led-characteristics

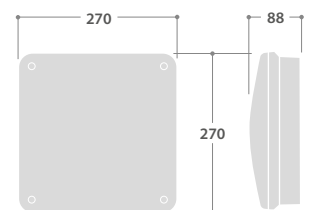
RANGE

	LED	CAT. No.	APPROX. kg
WALL VERSION	12W	PS 17312L	2.7
CEILING VERSION	16W	PS 17313L	2.7

WHITE OPTION - add suffix **W9** - White e.g. **PS 17312LW9** etc.

CIRCUIT TYPE - **L** - non-dimming

DIMENSIONS



Fixing points: 4 x Spot faces on 205mm centres (drill as required) and 1 central BESA box fixing

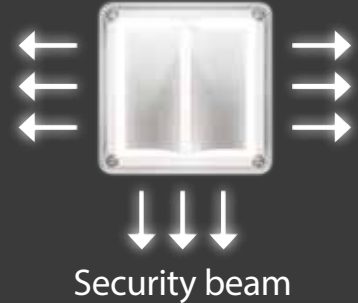


Wall mounted version

Security beam

The Prismalette PRO produces a security beam providing an illumination boost that is closer to the doorway than from a conventional luminaire. This improves facial recognition of doorstep callers, increasing the feeling of security for residents.

Higher illuminance provides safer entry and exit to the property.



Illumination boost at doorway

Increased vertical illumination

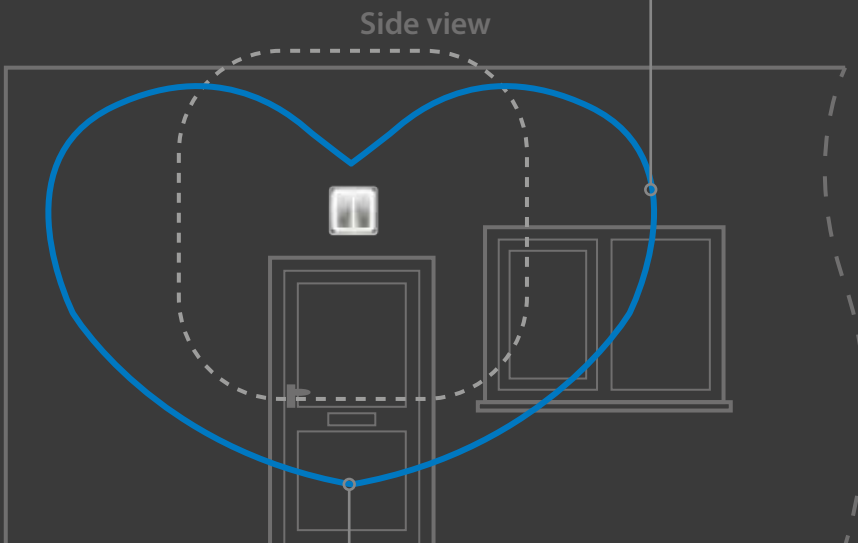
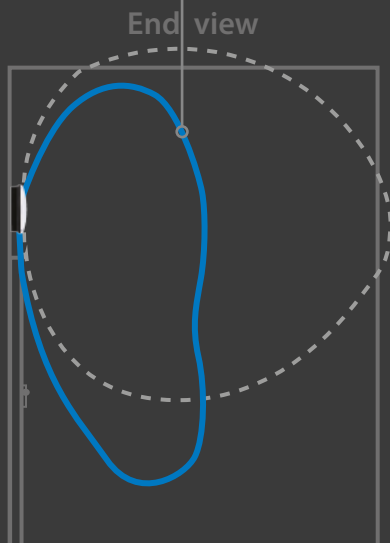
Easier identification of doorstep callers

Limited forward throw

Reducing wasted and obtrusive light.

High angle wide distribution

Providing excellent vertical illumination for improved facial recognition.



Prismalette PRO Conventional alternative

Security beam

Providing a punch of light directly below and in front of the luminaire. This is particularly useful when mounting near doorways.

Ceiling mounted version

Excellent vertical illumination

When ceiling mounted the light distribution of the Prismalette PRO provides excellent vertical illumination along corridors and walkways whilst also increasing the spacing of luminaires and improving uniformity. The high cut-off angle ensures more light is projected at head height so that residents can easily see and recognise the faces of others.



Uniform corridor illumination ✓

Wide spacings ✓

Increased vertical illumination ✓

Narrow distribution

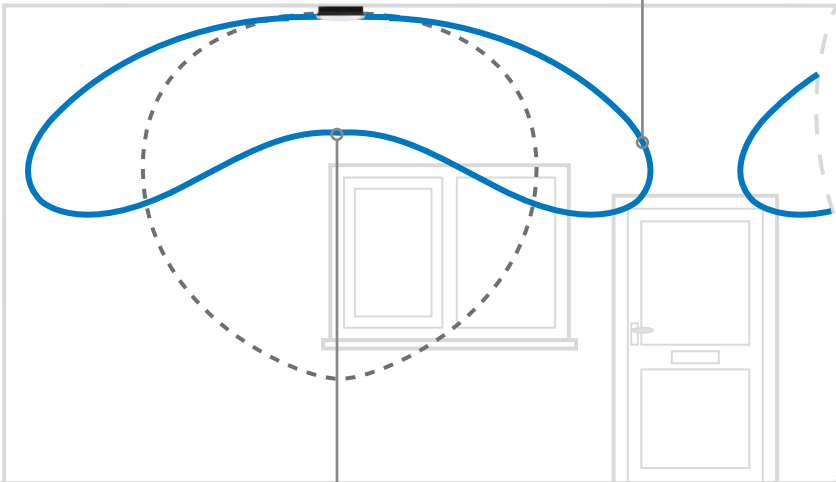
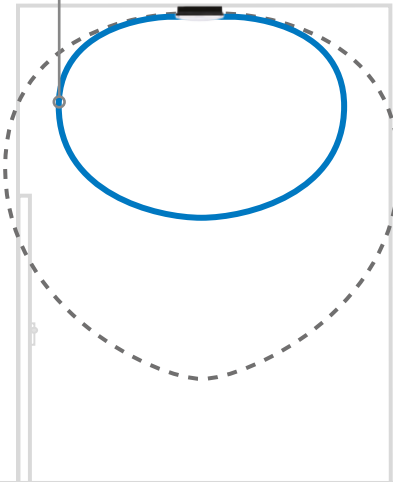
Perfect for lighting corridors and walkways where wider uncontrolled distributions can cause obtrusive light.

Wide lateral distribution

Projects light along corridors and walkways, providing improved uniformity and allowing luminaires to be mounted further apart.

End view

Side view



— Prismalette PRO - - - Conventional alternative

Reduced forward throw

Reduces bright spots directly below the luminaires.