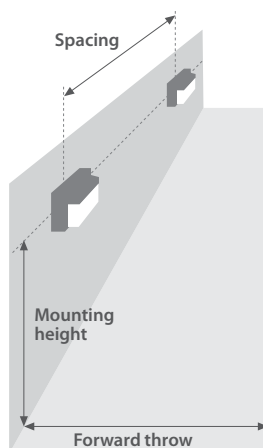




PERFORMANCE GUIDE

Photometric Performance - 70W SON-E

SPACING	AVERAGE ILLUMINANCE	UNIFORMITY (min/av)
3m mounting height - 5m forward throw		
12m ctrs	27 lux	0.33
15m ctrs	21 lux	0.25
18m ctrs	18 lux	0.15
4m mounting height - 6m forward throw		
12m ctrs	24 lux	0.49
16m ctrs	19 lux	0.35
20m ctrs	15 lux	0.24
24m ctrs	12 lux	0.14
5m mounting height - 7m forward throw		
15m ctrs	13 lux	0.51
20m ctrs	11 lux	0.36
25m ctrs	8 lux	0.23
30m ctrs	6 lux	0.14



e.g. At 3m mounting height and
12m centres: 27lux average
horizontal illuminance at ground
level over an area of 12m (centres)
x 5m (forward throw)

FIGURES ARE BASED ON INITIAL LUMENS

ACCESSORIES

DESCRIPTION	CAT. No.
Steel wire guard (<i>black nylon coated</i>)	WG 6237
Tamper-resistant screw kit	SCR 6758
Key for tamper-resistant screw kit	KY 6759

OPTIONS

DESCRIPTION	SUFFIX	EXAMPLE
Photocell ▲	PC	PL 6449PC

See range table for availability

▲ Not BSI Kitemarked or ENEC approved



SPECIFICATION

- Body and frame in strong pressure die-cast LM6M high corrosion resistance aluminium. Textured black full polyester powder finish
- Cover frame retained on two stainless steel safety chains
- Covers in prismatic polycarbonate or 9mm thick (nominal) thermally shock resistant borosilicate glass
- Fixings outside gasket line to preserve IP rating
- Clip-on nylon coated steel wire guard available
- Optional photocell control
- Tamper-resistant cover screws available
- Complies with M.O.D. JSP482 Chapter 8 Document for 'Category C' areas (up to 70W)
- BSI Kitemarked and ENEC approved versions

LED Version

- High power white LEDs
- Aluminium gear tray with LED heat sink bar
- Fitted with 4000K LEDs

LED CHARACTERISTICS

Ra	°K	L70/B10	P/U	%	R/Rx	PF	LL/CW
70	4000	>60K	P	>85	R	>0.95	70.0

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



Wire guard



LED retro-fit gear tray



RANGE

	LAMP	CAT. No.	APPROX. kg	PHOTOCELL OPTION	APPROVED
GLASS COVER	24W LED	PL 14898L	6.6		
	38W LED	PL 14900L	6.6		
	200W (max.) GLS	PL 6294	5.6	100W (max.) ★	✓
	80W MBF	PL 6234	7.7	★	✓
	125W MBF	PL 6935	7.8		
	70W SON-E	PL 6235	7.9	★	✓
	100W SON-E	PL 6922 ▲ ■	8.2		
	70W MBIE	PL 6235 ◆	7.9	★	
	100W MBIE	PL 11065 ◆	8.2		
	26/32/42W TC-T	PL 11922J ●	5.7	★	
	57W TC-T	PL 11923J	5.7	★	
POLYCARBONATE COVER	24W LED	PL 14897L	4.4		
	38W LED	PL 14899L	4.4		
	150W (max.) GLS	PL 6295	3.4	100W (max.) ★	✓
	70W SON-E	PL 6281	5.7	★	✓
	100W SON-E	PL 6923 ▲ ■	6.0		
	70W MBI - UV Reduced	PL 6281 ◆	5.7	★	
	26/32/42W TC-T	PL 11932J ●	3.5	★	
	57W TC-T	PL 11933J	3.5	★	
LED RETRO-FIT GEAR TRAY	24W LED	PL 14930L	1.6		
	38W LED	PL 14931L	1.6		

CIRCUIT TYPE - J - non-dimming (HF fluorescent) / L - non-dimming (LED)

IMPORTANT: DO NOT USE LAMPS WITH AN INTERNAL STARTING DEVICE

▲ GES lampholder

■ Elliptical lamp only

◆ Metal Halide lamps (Compatible with high pressure sodium control gear)

● With high frequency tri-lamp ballast suitable for operation of 26, 32 or 42W lamps

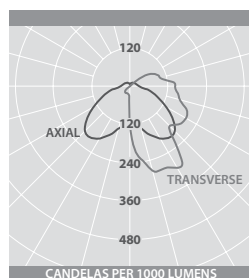
★ Option available

Lamps must be ordered separately



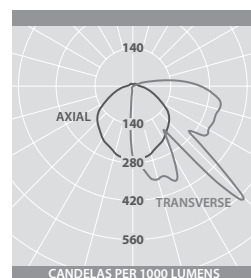
PHOTOMETRIC GUIDE

PASSLIGHT - LED VERSION - POLYCARBONATE COVER



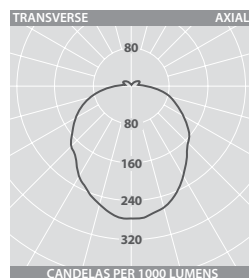
Luminaire Lumen Output
24W = 1520lm
38W = 2060lm

PASSLIGHT - LED VERSION - GLASS COVER



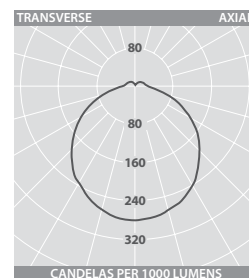
Luminaire Lumen Output
24W = 1650lm
38W = 2240lm

PRISMALETTE - LED VERSION - CLEAR COVER



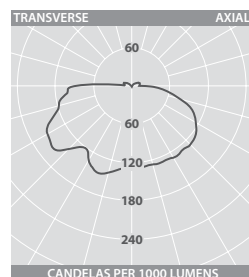
Luminaire Lumen Output
16W = 1480lm

PRISMALETTE - LED VERSION - SATIN COVER



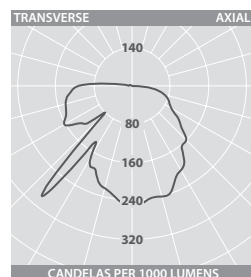
Luminaire Lumen Output
16W = 1400lm

PRISMALUX - LED VERSION - POLYCARBONATE COVER



Luminaire Lumen Output
20W = 1600lm
32W = 2610lm

PRISMALUX - LED VERSION - GLASS COVER

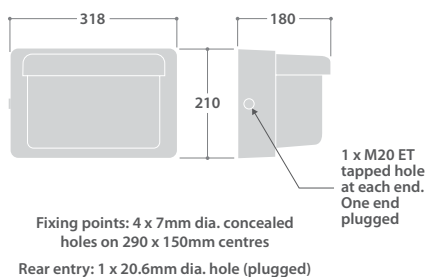


Luminaire Lumen Output
20W = 1720lm
32W = 2770lm

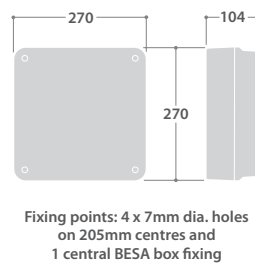


DIMENSIONS

Passlight



Prismalette



Prismalux

