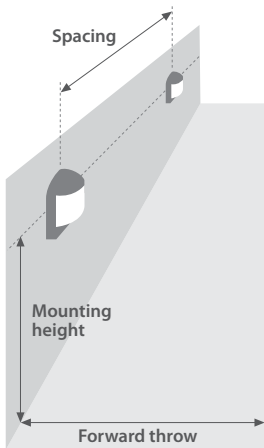




PERFORMANCE GUIDE

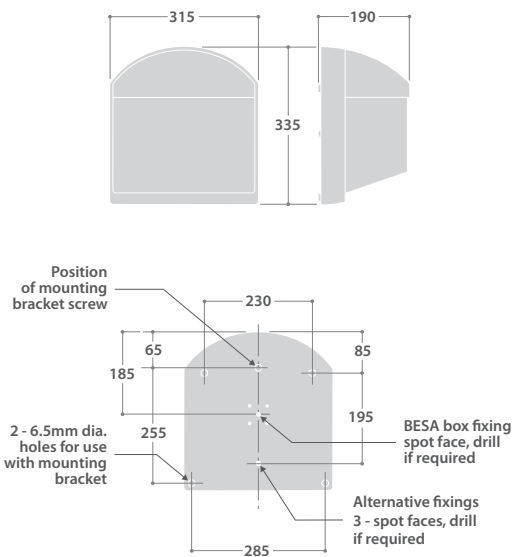
Photometric Performance - 70W SON-T Plus

SPACING	AVERAGE ILLUMINANCE	UNIFORMITY (min/av)
3m mounting height - 5m forward throw		
12m ctrs	37 lux	0.35
15m ctrs	30 lux	0.30
18m ctrs	25 lux	0.23
21m ctrs	22 lux	0.20
24m ctrs	19 lux	0.15
4m mounting height - 6m forward throw		
12m ctrs	28 lux	0.42
16m ctrs	22 lux	0.40
20m ctrs	18 lux	0.30
24m ctrs	15 lux	0.23
28m ctrs	13 lux	0.18
5m mounting height - 7m forward throw		
15m ctrs	18 lux	0.41
20m ctrs	14 lux	0.40
25m ctrs	12 lux	0.28
30m ctrs	10 lux	0.21



e.g. At 3m mounting height and 12m centres: 37lux average horizontal illuminance at ground level over an area of 12m (centres) x 5m (forward throw)

DIMENSIONS



FIGURES ARE BASED ON INITIAL LUMENS



SPECIFICATION

- Strong pressure die-cast LM2 aluminium body prevents distortion when fixing and preserves IP rating. Textured black full polyester powder finish
- Impact-resistant, flame-retardant prismatic polycarbonate cover
- Spacings up to eight times mounting height
- Optional photocell control
- Tamper-resistant cover screws available
- Simple to fix using external stainless-steel brackets and two lower points, all external to gasket line to preserve IP rating
- Complies with M.O.D. JSP482 Chapter 8 Document for 'Category C' areas
- TC-T version uses tri-lamp ballast enabling retro-fit of 26 and 32 watt lamps
- BSI Kitemarked and ENEC approved versions
- Fitted with lamp




OPTIONS

DESCRIPTION	SUFFIX	EXAMPLE
Photocell ▲	PC	MER 9953PC
Tamper resistant screws ♦	T	MER 9953T
Fused terminal block	FF	MER 9953FF

- ▲ Not BSI Kitemarked or ENEC approved
 ♦ To fasten tamper resistant screws order special screwdriver **KEY 10008**

RANGE

	LAMP	CAT. No.	APPROX. kg	
MAINS	70W SON-T Plus	MER 9953	4.3	✓
	70W MBI - UV Reduced ▲	MER 9954 ♦	4.3	✓
	42W TC-T ■	MER 9955J	2.8	✓
EMERGENCY	42W TC-T ■	EMR 9955J	3.5	
AUTOTEST	42W TC-T ■	TMR 9955J	3.5	

CIRCUIT TYPE - J - non-dimming (HF fluorescent)

IMPORTANT: DO NOT USE LAMPS WITH AN INTERNAL STARTING DEVICE

- ▲ Venture Whitelux 4000K fitted
 ■ 4000K lamp fitted
 ♦ Metal Halide lamps (Compatible with high pressure sodium control gear)