








High performance wall mounted luminaires




- Strong pressure die-cast LM24 aluminium body prevents distortion when fixing and preserves IP rating. Textured black full polyester powder finish
- Spacings up to eight times mounting height
- Impact-resistant, flame-retardant prismatic polycarbonate cover
- 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 kite-marked and ENEC approved versions
- Fitted with lamp

IP65      

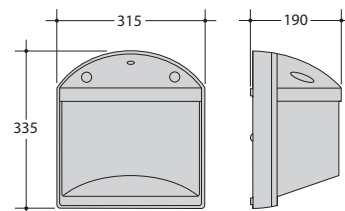


Range

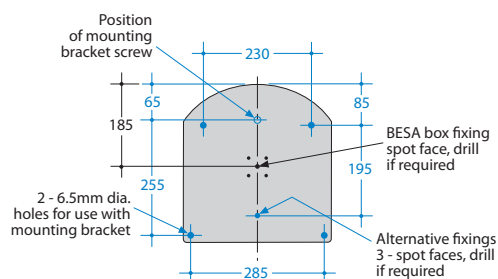
LAMP	CAT. No.	APPROX. kg	  APPROVED
MAINS			
70W SON-T Plus	MER 9953	4.3	★
70W MBI-UV Reduced 	MER 9954 	4.3	★
42W TC-T 	MER 9955J	2.8	★
EMERGENCY			
42W TC-T 	EMR 9955J	3.5	-
AUTOTEST			
42W TC-T 	TMR 9955J	3.5	-

-  Venture Whitelux 4000K fitted
-  4000K lamp fitted
-  METAL HALIDE LAMPS: Compatible with high pressure sodium control gear

IMPORTANT: SON LAMPS WITH INTERNAL STARTERS ARE NOT RECOMMENDED.



Fixings





Photometric Performance (70W SON-T Plus)

3m MOUNTING HEIGHT 5m Forward Throw

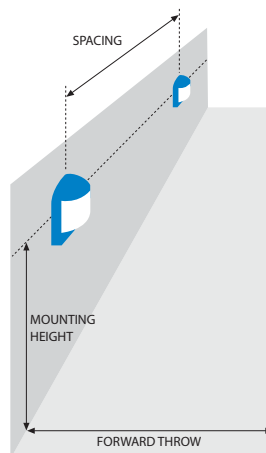
SPACING	INITIAL ILLUMINANCE	UNIFORMITY (min:av)
12m ctrs	37 lux av.	0.35
15m ctrs	30 lux av.	0.30
18m ctrs	25 lux av.	0.23
21m ctrs	22 lux av.	0.20
24m ctrs	19 lux av.	0.15

4m MOUNTING HEIGHT 6m Forward Throw

SPACING	INITIAL ILLUMINANCE	UNIFORMITY (min:av)
12m ctrs	28 lux av.	0.42
16m ctrs	22 lux av.	0.40
20m ctrs	18 lux av.	0.30
24m ctrs	15 lux av.	0.23
28m ctrs	13 lux av.	0.18

5m MOUNTING HEIGHT 7m Forward Throw

SPACING	INITIAL ILLUMINANCE	UNIFORMITY (min:av)
15m ctrs	18 lux av.	0.41
20m ctrs	14 lux av.	0.40
25m ctrs	12 lux av.	0.28
30m ctrs	10 lux av.	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)

Options

DESCRIPTION	SUFFIX	EXAMPLE
Photocell	PC	MER 9953PC etc.
Tamper-resistant screws *	T	MER 9953T etc.
Fused terminal block	FF	MER 9953FF etc.

ORDERING - add suffix after catalogue number of Mercian

* To fasten cover order screwdriver [KEY 10008](#)

NOTE - Photocell versions are not Kitemarked/ENEC approved