

Broadspread Maxima Surface

MOTIVATION

To bring the quality associated with the Broadspread Maxima range to a surface mounted product. The extruded aluminium body adds rigidity and quality with a high performance Cat 2 louvre.

APPLICATION

- Solid ceiling rooms
- Offices
- Reception areas
- Retail applications
- Corridors
- Low ceiling factories

SPECIFICATION

Body

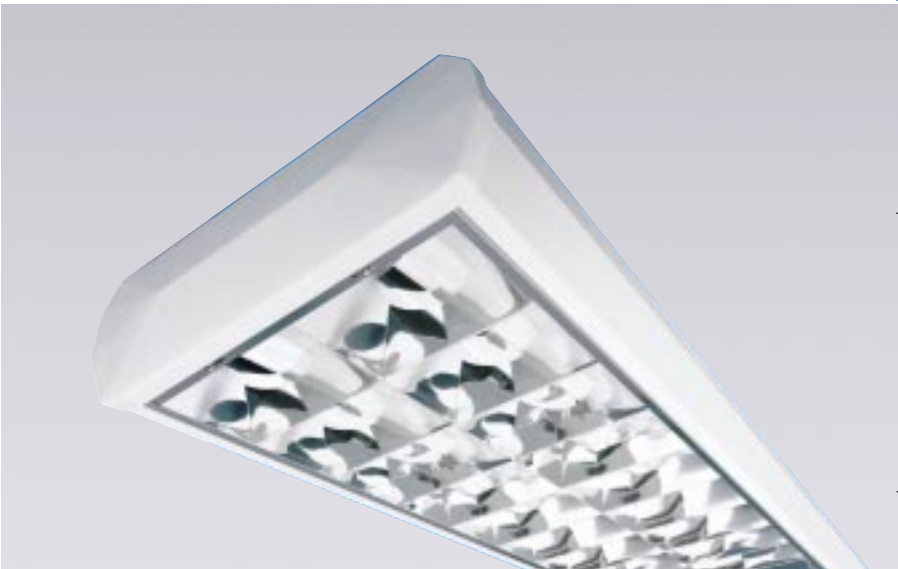
- Lamp options:
 - 36W T8
 - 58W T8
 - 70W T8
- Extruded faceted aluminium body
- White polyester powder Paint finish RAL9010 20% gloss
- Injection moulded end caps to match body colour
- Flange body design reduces light spill
- High frequency or high frequency regulating gear standard
- Integral emergency versions
- Fused terminal block standard
- BESA fixing to rear
- Supplied less lamps

Louvres

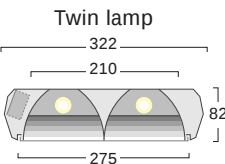
- LG3 Cat 2 (.200) louvre
- Perimeter flange reduces light spill
- Scalloped wedge louvre
- Full depth profile end caps
- Positive retention – sprung shoot bolts
- Louvre material finish: Clearlux
- Low iridescence

Options

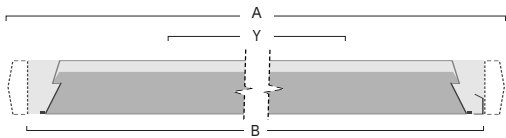
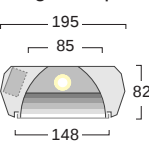
- Easytest – integral self test version available see page 106
- Programmable control options:
 - Command 3
 - LIGHTmaster LM20
 - LIGHTmaster LM120



BSMW2H258



Single lamp



DIMENSIONS AND WEIGHT

LAMP WAYS	LONGITUDINAL DIMENSIONS		FIXING CENTRE Y	WEIGHT KG
	A	B		
1 x 36W	1257	1217	900	5.2
1 x 58W	1557	1517		6.0
1 x 70W	1821	1781		6.8
2 x 36W	1257	1217		10.7
2 x 58W	1557	1517		12.0
2 x 70W	1821	1781		13.4

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ORDER CODES

PERFORMANCE FLUORESCENT SURFACE LUMINAIRE

LUMINAIRE	SUPPLIED LESS LAMP	GEAR
BSMW2H136	1 x 36W T8	High frequency
BSMW2H158	1 x 58W T8	
BSMW2H170	1 x 70W T8	
BSMW2H236	2 x 36W T8	
BSMW2H258	2 x 58W T8	
BSMW2H270	2 x 70W T8	

HIGH FREQUENCY REGULATING GEAR Substitute R for H in part code

R High frequency regulating gear i.e. BSMW2R136

EMERGENCY Add suffix to order codes above

EMIN Integral emergency i.e. BSMW2H136EMIN

EASYTEST OPTION Add suffix to order codes above

/ET Integral self autotest i.e. BSMW2H136EMIN/ET

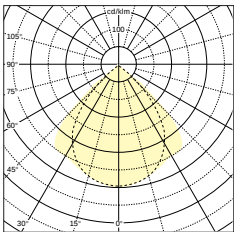
To specify state:

Extruded surface mounted fine-line faceted aluminium bodied fluorescent luminaire with scalloped wedge blade Cat 2 louvre, shoot bolt retention – as Whitecroft Lighting BROADSPREAD MAXIMA.

Broadspread Maxima
SURFACE 1200 x 320mm SPECULAR LG3 CAT 2
2 x 36W T8 Lamps



- SHR MAX = 1.71
- DLOR = 0.623



UTILISATION FACTORS UF(F)		SHR NOM=1.50											
Room Reflectance		Room Index											
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.50	0.54	0.58	0.60	0.63	0.64	0.66	0.67	0.68		
0.50	0.30	0.20	0.46	0.51	0.54	0.56	0.59	0.61	0.62	0.64	0.65		
0.00	0.00	0.00	0.43	0.47	0.50	0.52	0.55	0.56	0.57	0.58	0.59		

CONVERSION TERMS

Lamp Length	1.2m	1.5m	1.8m
Lamp wattage	36W	58W	70W
UF and PC	1.0	1.01	1.02

