

Broadspread Maxima

MOTIVATION

Modular luminaires of the highest quality that comply with Category 1 and 2 whilst delivering the most even possible illuminance on the working plane by using the 'Broadspread' louvre concept. The design offers the specifier a comprehensive range of lamp options and ceiling compatibilities.

APPLICATION

- Offices
- Reception areas
- Retail applications
- Corridors

SPECIFICATION

Body

- Body compatible with these ceiling types:
 - Exposed Tee 25mm or 15mm
 - 15mm tegular
 - 15mm decorative
 - Concealed grid
 - Spring Tee (3 and 4 lamp only)
 - Cut aperture (plasterboard)
- Body fully boxed, jointed and flanged
- Flanged body minimises light spill
- High frequency or high frequency regulating gear standard
- Rapid fix side support brackets standard
- Fused terminal block
- Air handling available
- Supplied less lamps

Options

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

Louvres

- LG3 Cat 1
- LG3 Cat 2 (.200 & .500)
- Perimeter flange minimises light spill
- Full depth profile end caps
- Positive retention – wishbone springs
- Louvre material finish:
 - Clearlux Specular (.200)
 - Softlux Semi Specular (.500)
- Low iridescence
- Scallop wedge louvre blades



BRMTW2H318



BRMTW2H236



Rapid fix side support brackets

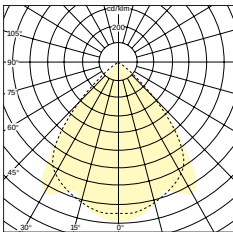


Broadspread Maxima

RECESSED 1200 x 300 SPECULAR LG3 CAT 2
2 x 36W T8 Lamps



- SHR MAX = 1.65
- DLOR = 0.591



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
0.70	0.50	0.20	0.46	0.51	0.53	0.56	0.58	0.60	0.61	0.63	0.64
0.50	0.30	0.20	0.44	0.48	0.51	0.53	0.56	0.57	0.58	0.60	0.61
0.00	0.00	0.00	0.43	0.47	0.49	0.51	0.53	0.54	0.55	0.56	0.57

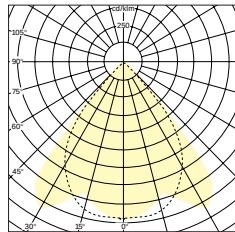
CONVERSION TERMS		1.2m	1.5m	1.8m
Lamp Length		36w	58w	70w
Lamp wattage		18W	36W	
UF and PC		1.0	1.01	1.02

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RECESSED 1200 x 600 SPECULAR LG3 CAT 2
3 x 36W T8 Lamps



- SHR MAX = 1.67
- DLOR = 0.62



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
0.70	0.50	0.20	0.46	0.51	0.54	0.56	0.58	0.60	0.61	0.63	0.63
0.50	0.30	0.20	0.43	0.48	0.51	0.53	0.55	0.57	0.58	0.59	0.60
0.00	0.00	0.00	0.40	0.44	0.47	0.49	0.51	0.52	0.53	0.54	0.55

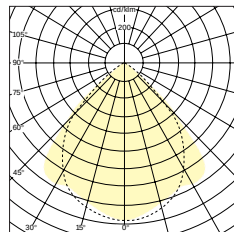
CONVERSION TERMS		0.6m	1.2m
Lamp Length		18W	36W
Lamp wattage		18W	36W
UF and PC		0.91	1.0

Broadspread Maxima

RECESSED 600 x 600 SPECULAR LG3 CAT 2
4 x 18W T8 Lamps



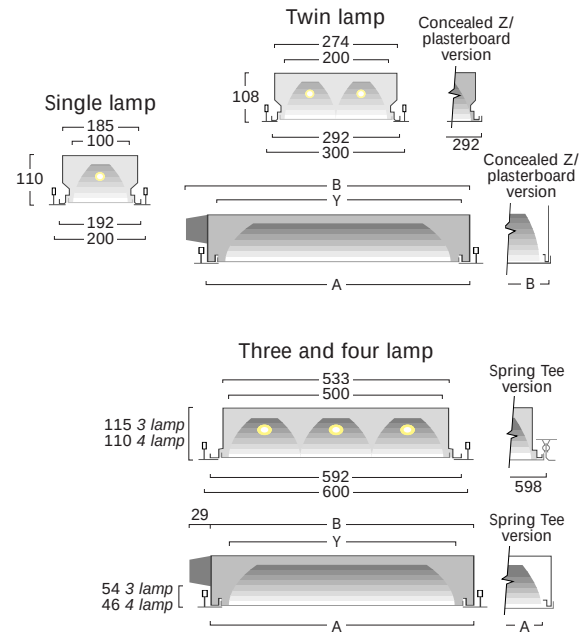
- SHR MAX = 1.68
- DLOR = 0.591



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
0.70	0.50	0.20	0.44	0.50	0.53	0.56	0.59	0.62	0.63	0.65	0.67
0.50	0.30	0.20	0.41	0.47	0.51	0.53	0.56	0.59	0.60	0.62	0.63
0.00	0.00	0.00	0.40	0.45	0.49	0.51	0.53	0.55	0.56	0.58	0.59

CONVERSION TERMS		0.6m	1.2m
Lamp Length		18W	36W
Lamp wattage		18W	36W
UF and PC		1.0	1.10





DIMENSIONS AND WEIGHT

	LAMP WAYS	LONGITUDINAL DIMENSIONS		FIXING CENTRE	WEIGHT KG
		A	B	Y	
BRMTW2H136	1x 36W	1192	1221	750	5.8
BRMTW2H158	1 x 58W	1492	1521	1000	7.1
BRMTW2H170	1 x 70W	1792	1821	1200	8.4
BRMTW2H236	2 x 36W	1192	1221	750	6.2
BRMTW2H258	2 x 58W	1492	1521	1000	7.5
BRMTW2H270	2 x 70W	1792	1821	1200	8.8
BRMZW2H236	2 x 36W	1198	1221	750	6.2
BRMZW2H258	2 x 58W	1498	1521	1000	7.5
BRMZW2H270	2 x 70W	1798	1821	1200	8.8
BRMTW2H318	3 x 18W	592	621	500	6
BRMTW2H336	3 x 36W	1192	1221	750	11
BRMSW2H318	3 x 18W	598	621	500	6
BRMSW2H336	3 x 36W	1198	1221	750	11
BRMTW2H418	4 x 18W	592	621	500	6
BRMTW2H436	4 x 36W	1192	1221	750	11
BRMSW2H418	4 x 18W	598	621	500	6
BRMSW2H436	4 x 36W	1198	1221	750	11

Note: Fixing holes = 4 No. 8mm dia.

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ORDER CODES

PERFORMANCE FLUORESCENT RECESSED LUMINAIRE

15MM & 25MM EXPOSED TEE

LAMP WAYS	W2.200	W2.500	W1.200
1x36W T8	BRMTW2H136	BRMTW5H136	BRMTW1H136
1x58W T8	BRMTW2H158	BRMTW5H158	BRMTW1H158
1x70W T8	BRMTW2H170	BRMTW5H170	BRMTW1H170
2x36W T8	BRMTW2H236	BRMTW5H236	BRMTW1H236
2x58W T8	BRMTW2H258	BRMTW5H258	BRMTW1H258
2x70W T8	BRMTW2H270	BRMTW5H270	BRMTW1H270
3x18W T8	BRMTW2H318	BRMTW5H318	BRMTW1H318
3x36W T8	BRMTW2H336	BRMTW5H336	BRMTW1H336
4x18W T8	BRMTW2H418	BRMTW5H418	BRMTW1H418
4x36W T8	BRMTW2H436	BRMTW5H436	BRMTW1H436

15MM & 25MM DECORATIVE TEGULAR

LAMP WAYS	W2.200	W2.500	W1.200
1x36W T8	BRMDW2H136	BRMDW5H136	BRMDW1H136
1x58W T8	BRMDW2H158	BRMDW5H158	BRMDW1H158
1x70W T8	BRMDW2H170	BRMDW5H170	BRMDW1H170
2x36W T8	BRMDW2H236	BRMDW5H236	BRMDW1H236
2x58W T8	BRMDW2H258	BRMDW5H258	BRMDW1H258
2x70W T8	BRMDW2H270	BRMDW5H270	BRMDW1H270
3x18W T8	BRMDW2H318	BRMDW5H318	BRMDW1H318
3x36W T8	BRMDW2H336	BRMDW5H336	BRMDW1H336
4x18W T8	BRMDW2H418	BRMDW5H418	BRMDW1H418
4x36W T8	BRMDW2H436	BRMDW5H436	BRMDW1H436

SPRING TEE CEILING, CONCEALED Z & PLASTERBOARD

LAMP WAYS	W2.200	W2.500	W1.200
1x36W T8	BRMZW2H136	BRMZW5H136	BRMZW1H136
1x58W T8	BRMZW2H158	BRMZW5H158	BRMZW1H158
1x70W T8	BRMZW2H170	BRMZW5H170	BRMZW1H170
2x36W T8	BRMZW2H236	BRMZW5H236	BRMZW1H236
2x58W T8	BRMZW2H258	BRMZW5H258	BRMZW1H258
2x70W T8	BRMZW2H270	BRMZW5H270	BRMZW1H270
3x18W T8	BRMSW2H318	BRMSW5H318	BRMSW1H318
3x36W T8	BRMSW2H336	BRMSW5H336	BRMSW1H336
4x18W T8	BRMSW2H418	BRMSW5H418	BRMSW1H418
4x36W T8	BRMSW2H436	BRMSW5H436	BRMSW1H436

SUMMARY OF CEILING TYPES NB - 1 and 2 lamp versions do not fit Spring Tee Ceiling

Type T fits T15 and T25 exposed Tee ceilings

Type S fits spring Tee, concealed Z or plasterboard ceilings (3 or 4 lamp only)

Type D fits 15mm decorative Tee, 15 or 25mm tegular ceilings

Type Z fits concealed Z or plasterboard ceilings (1 or 2 lamp only)

HIGH FREQUENCY REGULATING GEAR Substitute **R** for **H** in part code

R High frequency regulating gear i.e. BRMTW2R136

EMERGENCY Add suffix to order codes above

EMIN Integral emergency i.e. BRMTW2H136EMIN

To specify state:

Fully recessed LG3 Cat 2 luminaire. Positively retained scallop wedge louvre with full perimeter flange and full depth profiled end caps. SHR TR Max 1.85 (4 x 18W T8 Cat 2). Universal body to suit all ceilings, fully boxed and jointed – as Whitecroft Lighting BROADSPREAD MAXIMA.