

broadspread conforma

Recessed fluorescent: Versatile luminaire

APPLICATION

- Offices
- Reception areas
- Circulation areas
- Canteens
- Toilets
- Corridors
- Low ceiling factories



SPECIFICATION

Body

- Body compatible with these ceiling types:
 - Exposed tee 25mm or 15mm
 - 15mm or 25mm tegular
 - Concealed grid
 - Spring tee
 - Cut aperture (plasterboard)
- Body fully boxed and jointed
- Body minimises light spill
- High frequency or high frequency dimming gear as standard
- Push out support tabs
- Adjustable side support brackets – specify separately (required for plasterboard and concealed Z ceilings)
- Fused terminal block
- Air handling available
- Supplied less lamps

Louvres

- LG3 Cat 2
- Cross blade
- Perimeter flange minimises light spill
- Flat top black backed wedge louvre
- Full depth profile end caps
- Positive retention – wishbone springs
- Low iridescence

Note: Fitting in plasterboard ceilings requires a minimum void depth of 250mm

Prismatic Diffusers

- Aluminium framed diffusers
- Flat sheet option – Acrylic P12A Tp(b) or PVC fire rated K12FG Tp(a)
- Positive retention – wishbone springs

Options

-  Easytest – integral self test version available see page 181
-  Command 3 – intelligent integrated lighting control system optional see page 197



Aluminium framed prismatic panel

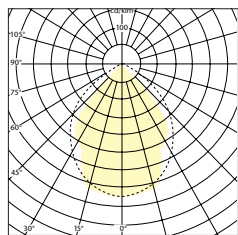
PHOTOMETRY

Broadspread Conforma

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



- SHR MAX = 1.43
- DLOR = 57.6%



UTILISATION FACTORS UF(F) SHR NOM=1.25

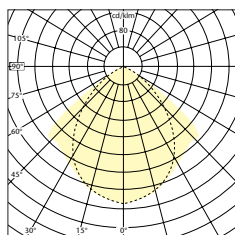
Room Reflectance	Room Index	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00
0.70	0.50	0.20	0.44	0.49	0.52	0.55	0.57	0.59	0.60	0.62
0.50	0.30	0.20	0.41	0.46	0.49	0.51	0.54	0.56	0.57	0.59
0.00	0.00	0.00	0.37	0.42	0.45	0.47	0.50	0.51	0.52	0.53

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600 x 600 SPECULAR LG3 CAT 2
3 x 18W T8 Lamps



- SHR MAX = 1.52
- DLOR = 61.8%



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	0.45	0.50	0.54	0.57	0.60	0.62	0.64	0.66	0.67
0.50	0.30	0.20	0.41	0.46	0.50	0.53	0.56	0.59	0.60	0.62	0.63
0.00	0.00	0.00	0.37	0.42	0.46	0.48	0.52	0.54	0.55	0.57	0.58

CONVERSION TERMS

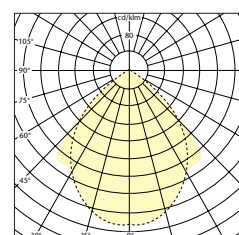
Lamp Length	0.6m	1.2m
Lamp wattage	18W	36W
UF and PC	1.00	0.99

Broadspread Conforma

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



- SHR MAX = 1.66
- DLOR = 61.4%



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	0.49	0.53	0.57	0.59	0.62	0.63	0.65	0.66	0.67
0.50	0.30	0.20	0.45	0.50	0.53	0.55	0.58	0.60	0.61	0.63	0.64
0.00	0.00	0.00	0.42	0.46	0.49	0.51	0.54	0.55	0.56	0.57	0.58

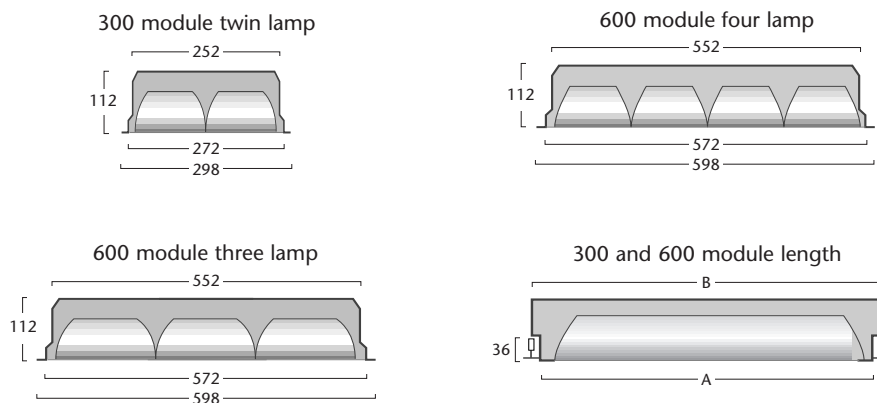
CONVERSION TERMS

Lamp Length	0.6m	1.2m
Lamp wattage	18W	36W
UF and PC	1.0	0.99

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 18W T8	1350	15,000
1 x 36W T8	3350	15,000

DIMENSIONS AND WEIGHT



LUMINAIRE	LAMP WAYS	MODULE	LONGITUDINAL DIMENSIONS		WEIGHT KG
			A	B	
BRCW2H236	2 x 36W	300	1172	1226	5.0
BRCW2H318	3 x 18W	600	572	618	5.0
BRCW2H336	3 x 36W	600	1172	1226	9.0
BRCW2H418	4 x 18W	600	572	618	5.5
BRCW2H436	4 x 36W	600	1172	1226	9.5

ORDER CODES – BROADSPREAD CONFORMA

VERSATILE LUMINAIRE

SUPPLIED LESS LAMP	CAT 2 WEDGE LOUVRE	X CROSSBLADE LOUVRE	P12A FLAT SHEET DIFFUSER	K12FG FLAT SHEET DIFFUSER
2 x 36W	BRCW2H236	BRCXH236	BRCPAH236	BRCKFH236
3 x 18W	BRCW2H318	BRCXH318	BRCPAH318	BRCKFH318
3 x 36W	BRCW2H336	BRCXH336	BRCPAH336	BRCKFH336
4 x 18W	BRCW2H418	BRCXH418	BRCPAH418	BRCKFH418
4 x 36W	BRCW2H436	BRCXH436	BRCPAH436	BRCKFH436

SIDE SUPPORT BRACKETS on Plasterboard or Concealed Z Ceilings order separately

BRCB Pack of 4 brackets for 1 fitting

ANALOGUE DIMMING Substitute **R** for H in order code

R High frequency analogue dimming gear, i.e. **BRCW2R418**

COMMAND 3  Substitute H with **C** in order code

C To incorporate the fully automated Command absence and light sensing module, i.e. **BRCW2C418**

EMERGENCY Add suffix to order codes above

EMIN Integral emergency ballast, i.e. **BRCW2H236EMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. **BRCW2H236/ET**

To specify state:

Fully recessed LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange and full depth profiled end caps. SHR TR Max 1.89 (4 x 18W T8 Cat 2). Diffuser options aluminium framed and positively retained. Fully boxed and jointed body – as Whitecroft Lighting BROADSPREAD CONFORMA