

Broadspread Designer Compact

MOTIVATION

Modular luminaires that comply with CIBSE LG3 whilst delivering a high lumen output from the highly efficient compact fluorescent light source. Ideally suited to areas with higher than average ceiling heights or where high efficiency lighting is required.

APPLICATION

- Office spaces
- Areas requiring higher lumen outputs
- Retail

SPECIFICATION

Body

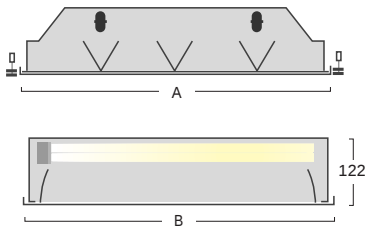
- Body compatible with these ceiling types:
 - Exposed Tee 25mm or 15mm
 - 500mm or 600mm widths
- Body fully boxed and jointed
- Body reduces light spill
- High frequency or high frequency regulating gear standard
- Integral emergency versions
- Push out support tabs
- Air handling on application
- Fused terminal block standard
- Supplied less lamps

Louvres

- LG3 Cat 2 (.200)
- Perimeter flange reduces light spill
- Flat top wedge louvre
- Positive retention – wishbone springs
- Louvre material finish: Clearlux
- Low iridescence



BCDT2W2H6236 - with air handling facility



DIMENSIONS

	A	B
500 x 500	492	492
600 x 600	592	592

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ORDER CODES

COMPACT FLUORESCENT PERFORMANCE RECESSED LUMINAIRE

COMPACT	SUPPLIED LESS LAMPS	LOUVRE	CEILING
BCDT2W2H5236	2 x 36W TC-L		500 x 500 T25
BCDT1W2H5236	2 x 36W TC-L		500 x 500 T15
BCDT2W2H6234	2 x 34W TC-L		
BCDT2W2H6236	2 x 36W TC-L	W2.200	600 x 600 T25
BCDT2W2H6240	2 x 40W TC-L		
BCDT1W2H6234	2 x 34W TC-L		
BCDT1W2H6236	2 x 36W TC-L		600 x 600 T15
BCDT1W2H6240	2 x 40W TC-L		

HIGH FREQUENCY REGULATING GEAR Substitute R for H in part code
R High frequency regulating gear i.e. BCDT2W2R5234

EMERGENCY Add suffix to order codes above
EMIN Integral emergency i.e. BCDT2W2H5234EMIN

EASYTEST OPTION Add suffix to order codes above
/ET Integral self autotest

To specify state:
Fully recessed compact fluorescent LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange. Fully boxed and jointed body – as Whitecroft Lighting BROADSPREAD DESIGNER COMPACT.

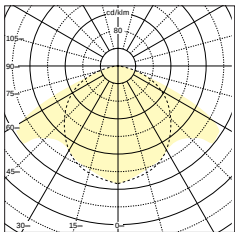
Options

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

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RECESSED COMPACT 600 x 600 SPECULAR LG3 CAT 2
2 x 40W TC-L Lamps



- SHR MAX = 1.9
- DLOR = 0.52



UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance		Room Index									
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	N/A	0.44	0.47	0.49	0.51	0.53	0.54	0.56	
0.50	0.30	0.20	N/A	0.41	0.44	0.46	0.48	0.50	0.51	0.53	
0.00	0.00	0.00	N/A	0.38	0.40	0.42	0.45	0.46	0.47	0.48	

CONVERSION TERMS				
Lamp wattage	34W	36W	40W	55W
UF and PC	0.93	1.03	1.00	1.03

