

broadspread contenda

Recessed fluorescent: Performance luminaire

APPLICATION

- Offices
- Ambient retail lighting
- Schools
- Hospitals

SPECIFICATION

Body

- To suit 4 x 18W T8 lamps
- Designed to rest above 15 and 25mm exposed tee modular ceilings
- Order a set of ceiling brackets for cut aperture ceilings (cut aperture dimensions 576 x 576mm) or installation with the frame below the tee bar (e.g. for alignment with tegular tiles)
- Fully boxed jointed and flanged rigid body
- Body finished White to RAL 9003
- High frequency or high frequency dimming gear as standard
- 3 hour integral emergency
- Supplied less lamps

Optics

- LG3 Cat 2, fully flanged low iridescence specular louvre
- Framed flat sheet TP(a) fire resistant prismatic diffuser
- All optics positively retained by wishbone springs

Options

-  Easytest – integral self test version available see page 181



Wishbone spring detail



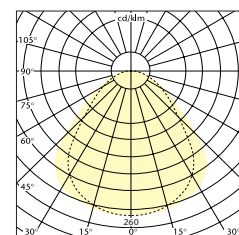
Framed diffuser option

PHOTOMETRY

Broadspread Contenda 600x600 Diffuser 4 x 18W T8 Lamps



- LOR = 59.9%
- SHR MAX = 1.63

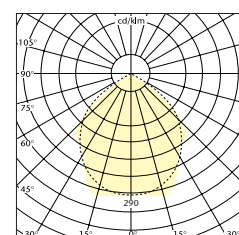


UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.42	0.47	0.50	0.53	0.56	0.59	0.60	0.62	0.64
0.50	0.30	0.20	0.38	0.42	0.46	0.49	0.52	0.54	0.56	0.58	0.60
0.00	0.00	0.00	0.34	0.38	0.42	0.44	0.47	0.49	0.51	0.53	0.54

Broadspread Contenda 600x600 Cat2 4 x 18W T8 Lamps

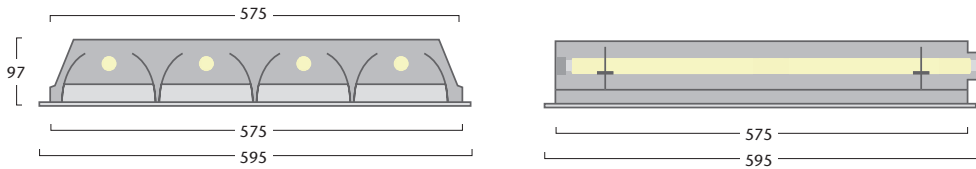


- LOR = 56.7%
- SHR MAX = 1.53



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	0.44	0.48	0.51	0.53	0.56	0.58	0.59	0.61	0.62
0.50	0.30	0.20	0.40	0.44	0.48	0.50	0.53	0.55	0.56	0.58	0.59
0.00	0.00	0.00	0.37	0.41	0.44	0.46	0.49	0.50	0.51	0.53	0.53

DIMENSIONS



LAMP PERFORMANCE MATRIX

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

ORDER CODES – BROADSPREAD CONTENDA

PERFORMANCE LUMINAIRE

SUPPLIED LESS LAMPS	LUMINAIRE WITH CAT 2 LOUVRE		GEAR	LUMINAIRE WITH FLAT TP(A) DIFFUSER	
	STANDARD	EMERGENCY		STANDARD	EMERGENCY
4 x 18W T8	BCNW2H418	BCNW2H418EMIN	High Frequency	BCNFPH418	BCNFPH418EMIN
4 x 18W T8	BCNW2R418	BCNW2R418EMIN	Analogue Dimming	BCNFPR418	BCNFPR418EMIN

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. **BCNW2H418/ET**

BRACKETS Order separately

BCNSB Set of 4 sliding brackets for mounting the luminaire in cut aperture ceilings or with the frame below the T-bar

To specify state:

Rigid fully boxed and jointed 4 x 18W T8 recessed luminaire with positively retained LG3 Cat 2 louvre or framed TP(a) diffuser to be suitable for mounting above or below a T15 or T25 exposed T or in cut aperture ceilings – as Whitecroft Lighting CONTENTDA