

Broadspread *Contenda*

MOTIVATION

Broadspread Contenda is a recessed modular luminaire offering both excellent value for money and good ceiling compatibility. It is available with CIBSE Cat 2.200 louvres or flat TP(a) framed diffuser options, both being positively retained in the body for safety reasons.

APPLICATION

- Offices
- Ambient retail lighting
- Schools
- Hospitals

SPECIFICATION

Body

- To suit 4 x 18W T8 lamps
- Designed to rest above 15 and 25mm exposed T 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 T bar (e.g. for alignment with tegular tiles)
- Fully boxed jointed and flanged rigid body
- Body finished white to RAL 9003
- High frequency or regulating gear
- 3 hour integral emergency
- Supplied less lamps

Optics

- LG3 Cat 2.200, fully flanged low iridescence specular louvre
- Framed flat sheet TP(a) fire resistant diffuser
- All optics positively retained by wishbone springs



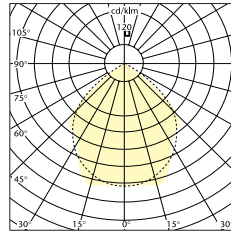
Broadspread Contenda - BCNW2H418



Framed and retained TP(a) diffuser

Broadspread Contenda

600 x 600 CAT2
RECESSED
4 x 18W T8 Lamp

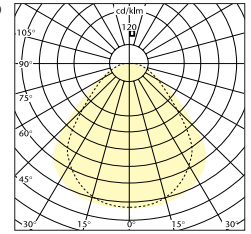


- LOR = 56.7
- SHR MAX = 1.53

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
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	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

Broadspread Contenda

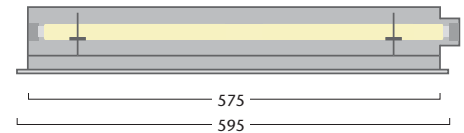
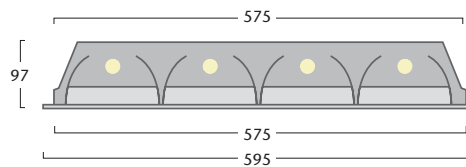
600 x 600 RECESSED
Framed Prismatic
TP(a) Diffuser
4 x 18W T8 Lamp



- LOR = 59.9
- SHR MAX = 1.63

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
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	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

DIMENSIONS



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	TOTAL CIRCUIT WATTS	LUMENS PER CIRCUIT WATT	LAMP LIFE TO 50% FAILURE
4 x 18W T8	5400	74	73	20,000

Note

- Lamp life and lumen outputs assume the use of tri-phosphor lamps.
- Recommended scheduled lamp replacement is at 80% of rated life = 16000 hours.

Broadspread Contenda

ORDER CODES

RECESSED FLUORESCENT T8 LUMINAIRE

LUMINAIRE WITH CAT 2.200 LOUVRE		LAMPS	LUMINAIRE WITH FLAT TP(A) DIFFUSER	
STANDARD	EMERGENCY		STANDARD	EMERGENCY
HIGH FREQUENCY				
BCNW2H418	BCNW2H418EMIN	4 x 18W T8	BCNFPH418	BCNFPH418EMIN

ANALOGUE REGULATING

BCNW2R418	BCNW2R418EMIN	4 x 18W T8	BCNFPR418	BCNFPR418EMIN
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BCNSB	Set of 4 sliding brackets for mounting the luminaire in cut aperture ceilings or with the frame below the T bar			
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COMMAND 3 Substitute H with C in part code

C	To incorporate the fully automated Command absence and light sensing module on louvered versions only e.g. BCNW2C418
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COMET Fully automated Command Emergency Test System available on louvered option only. Details on request.

EASYTEST OPTION Replace EMIN in the order codes above with ET

ET	Integral self autotest e.g. BCNW2C418ET
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DIGITAL DIMMING - Available on request

To specify state:

Rigid fully boxed and jointed 4 x 18W T8 recessed luminaire with positively retained LG3 Cat 2 louvre or 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 CONTENTA.



Lighting for Life

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