

Broadspread Contenda

MOTIVATION

Broadspread
Contenda is a recessed modular luminaire that complies with CIBSE LG3 Cat 2 specification and offers many of the features of high specification recessed luminaires in a package giving excellent value for money.

APPLICATION

- Offices
- Reception areas
- Retail applications
- Corridors
- Low ceiling factories

SPECIFICATION

Body

- Body compatible with these ceiling types:
 - Exposed Tee 25mm or 15mm
- Body fully boxed, jointed and flanged
- Body minimises light spill
- High frequency, high frequency regulating or switch start gear standard
- Lay in body design
- Supplied less lamps

Louvres

- LG3 Cat 2 (.200 and .500)
- Cross blade
- Perimeter flange minimises light spill
- Flat top wedge louvre with black backed wedge blades
- Half depth profile end caps
- Positive retention – wishbone springs
- Louvre material finish:
 - Clearlux Specular (.200)
 - Softlux Semi-Specular (.500)
- Low iridescence



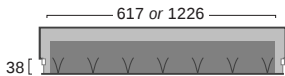
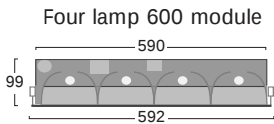
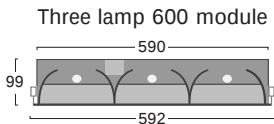
Wishbone spring detail



BRCW2S418

Options

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



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ORDER CODES

RECESSED FLUORESCENT LUMINAIRE

BODY SWITCH START	LENGTH	SUPPLIED LESS LAMP	HIGH FREQUENCY
BCNS318	592 x 592	3 x 18W T8	BCNHF318
BCNS418	592 x 592	4 x 18W T8	BCNHF418
BCNS336	1192 x 592	3 x 36W T8	BCNHF336
BCNS436	1192 x 592	4 x 36W T8	BCNHF436

CAT 2.200 LOUVRE		CAT 2.500 LOUVRE	
BCNW2318	600 x 600	3 x 18W	BCNW5318
BCNW2418	600 x 600	4 x 18W	BCNW5418
BCNW2336	1200 x 600	3 x 36W	BCNW5336
BCNW2436	1200 x 600	4 x 36W	BCNW5436

CROSS BLADE LOUVRE			
BCNX318	600 x 600	3 x 18W	
BCNX418	600 x 600	4 x 18W	
BCNX336	1200 x 600	3 x 36W	
BCNX436	1200 x 600	4 x 36W	

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency i.e. BCN5318EMIN

HIGH FREQUENCY REGULATING GEAR Substitute R for H in part code

R High frequency regulating gear i.e. BCNR418

To specify state:

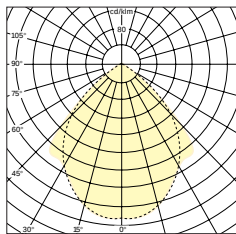
Fully recessed LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange and half depth profiled end caps. SHR TR Max 1.66 (4 x 18W T8 Cat 2). Fully boxed and jointed body – as Whitecroft Lighting BROADSPREAD CONTENTDA.

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



- SHR MAX = 1.66
- DLOR = 0.614



UTILISATION FACTORS UF(F)											
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

WEIGHT	
LAMP WAYS	KG
3 x 18W	4.5
4 x 18W	5.0
3 x 36W	8.5
4 x 36W	9.0