

Broadspread Conforma

MOTIVATION

To offer a high quality recessed modular luminaire that complies with CIBSE LG3 Cat 2. It also offers framed diffuser options, the popular lamp and control gear options giving a wide choice compatible with most common ceiling types.

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, high frequency regulating or switch start gear 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

Louvers

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

Prismatic Diffusers

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

Options

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

When fitting in plasterboard ceilings, requires minimum void depth of 250mm



BRCW2H318



Aluminium frame prismatic panel BRCKFH418

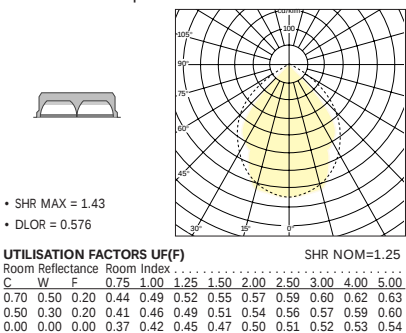


Wishbone spring detail



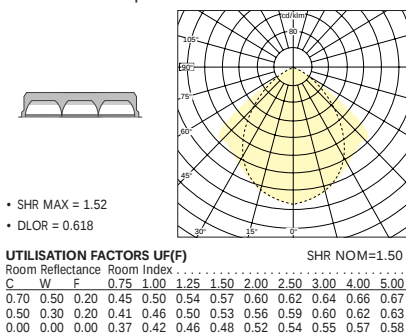
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RECESSED 1200 x 300 SPECULAR LG3 CAT 2
2 x 36W T8 Lamps



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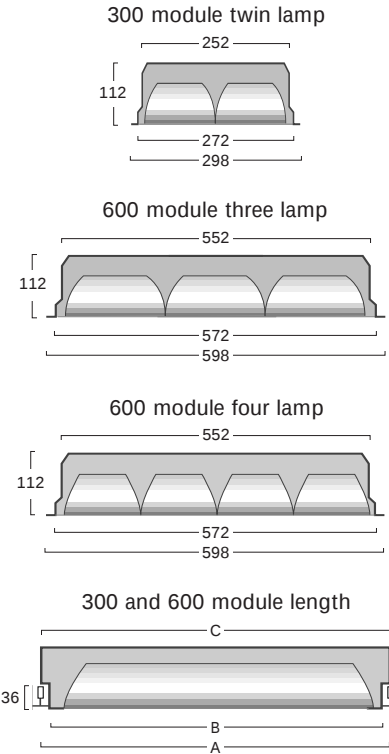
RECESSED 600 x 600 SPECULAR LG3 CAT 2
3 x 18W T8 Lamps



CONVERSION TERMS

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





DIMENSIONS AND WEIGHT					
	LAMP WAYS	LONGITUDINAL DIMENSIONS		FIXING CENTRE	WEIGHT KG
		A	B	C	
	2 x 36W	1198	1172	1226	5.0
	3 x 18W	598	572	618	5.0
	3 x 36W	1198	1172	1226	9.0
	4 x 18W	598	572	618	5.5
	4 x 36W	1198	1172	1226	9.5

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ORDER CODES

PERFORMANCE FLUORESCENT RECESSED LUMINAIRE

	LAMP WAYS	W2.200 WEDGE LOUVRE	X CROSSBLADE LOUVRE	P12A FLAT SHEET DIFFUSER	K12FG FLAT SHEET DIFFUSER	K12FGD DROP DISH DIFFUSER
SWITCHSTART	2x36W	BRCW2S236	BRCXS236	BRCPAS236	BRCKFS236	BRCKDS236
	3x18W	BRCW2S318	BRCXS318	BRCPAS318	BRCKFS318	BRCKDS318
	3x36W	BRCW2S336	BRCXS336	BRCPAS336	BRCKFS336	BRCKDS336
	4x18W	BRCW2S418	BRCXS418	BRCPAS418	BRCKFS418	BRCKDS418
	4x36W	BRCW2S436	BRCXS436	BRCPAS436	BRCKFS436	BRCKDS436
HIGH FREQUENCY	2x36W	BRCW2H236	BRCXH236	BRCPAH236	BRCKFH236	BRCKDH236
	3x18W	BRCW2H318	BRCXH318	BRCPAH318	BRCKFH318	BRCKDH318
	3x36W	BRCW2H336	BRCXH336	BRCPAH336	BRCKFH336	BRCKDH336
	4x18W	BRCW2H418	BRCXH418	BRCPAH418	BRCKFH418	BRCKDH418
	4x36W	BRCW2H436	BRCXH436	BRCPAH436	BRCKFH436	BRCKDH436

EMERGENCY Add suffix to order codes above

EMIN Integral emergency ballast *i.e.* BRCW2S236EMIN

SIDE SUPPORT BRACKETS on Plasterboard or Concealed Z Ceilings order separately

BRCSB Pack of 4 brackets for 1 fitting

HIGH FREQUENCY REGULATING GEAR Substitute **R** for **H** in part code

R High frequency regulating gear *i.e.* BRCW2R418

To specify state:

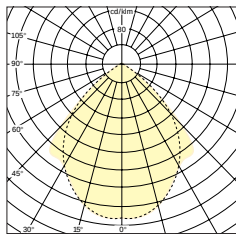
Fully recessed LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange and full depth profiled end caps. SHR TR Max 1.89 (4 x 18W T8 Cat 2). Diffuser options aluminium framed and positively retained. Fully boxed and jointed body – as Whitecroft Lighting BROADSPREAD CONFORMA.

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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)		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		

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Optional Framed
Diffuser 15mm Exposed
Tee Integration

