

Softlighter

MOTIVATION

To offer a recessed modular luminaire that both complies with CIBSE LG3 Category 2 and offers the highest possible level of visual comfort. This is achieved by using advanced optics incorporating 'intermediate brightness zones'. Ceiling compatibility is simplified by offering a universal recessed body suitable for the majority of suspended ceilings.

APPLICATION

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

SPECIFICATION

Body

- Body compatible with these ceiling types:
 - Exposed Tee 25mm or 15mm
 - Concealed grid
 - Spring Tee
 - Cut aperture (plasterboard)
- Body fully boxed, jointed and flanged
- Flanged body minimises light spill
- High frequency or high frequency regulating gear standard
- Swing arm side support brackets
- Fused terminal block
- Air handling standard 20 litres per second
- Supplied less lamps

Louvre

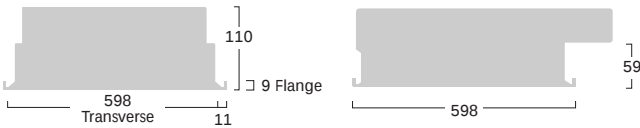
- LG3 Cat 2 (.200)
- 'Intermediate brightness zone' optic
- Perimeter flange minimises light spill
- Full depth profile end caps
- Positive retention – wishbone springs
- Louvre material finish: Softlux semi specular
- Low iridescence

Options

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



SFRW2H418

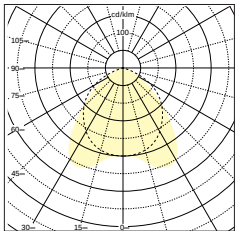


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RECESSED 600 x 600 SEMI-SPECULAR LG3 CAT 2
4 x 18W T8 Lamps



- SHR MAX = 1.66
- DLOR = 0.490



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	0.40	0.43	0.46	0.47	0.49	0.51	0.52	0.53	0.54			
0.50	0.30	0.20	0.37	0.40	0.43	0.44	0.47	0.48	0.49	0.50	0.51			
0.00	0.00	0.00	0.34	0.37	0.40	0.41	0.43	0.44	0.45	0.46	0.47			

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ORDER CODES

MODULAR FLUORESCENT LIGHTING WITH VISUAL COMFORT

LUMINAIRE	GEAR	LAMP WAY
SFRW2H418	High frequency	4 x 18W T8

EMERGENCY Add suffix to order codes above

EMIN Integral emergency i.e SFRW2H418EMIN

HIGH FREQUENCY REGULATING GEAR Substitute R for H in part code

R High frequency regulating gear i.e. SFRW2R418

To specify state:

Fully recessed LG3 Cat 2 luminaire. Positively retained louvre incorporating Intermediate Brightness Zones for maximum visual comfort. Universal body to suit all ceilings, fully boxed and jointed – as Whitecroft Lighting SOFTLIGHTER.