

Clean area: IP65/20 non-modular for cut aperture ceilings

Fleming

MOTIVATION

A cost competitive but good quality luminaire offering a superior alternative to bonded glass panels into non-modular ceilings

APPLICATION

- Cut and prepared aperture ceilings - Rear access only
- Pharmaceutical Clean Rooms FS209D Class 10,000 and Class 100,000 rooms
- Unclassified clean rooms and clean environments

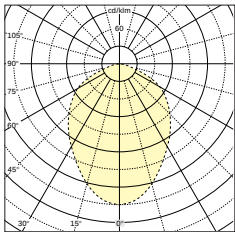
SPECIFICATION

- Designed to comply with IP65 Room to void, IP20 body
- Shallow steel flange diffuser frame, edge designed to facilitate mastic sealant to ceiling
- Side arm suspension brackets adjusted from outside the sealed body
- High frequency control gear mounted on removable lid reducing the risk of unsightly dust and insect ingress which can occur when bonded glass panels are used
- Prismatic diffuser Tp(a)
- Supplied without lamp

Fleming

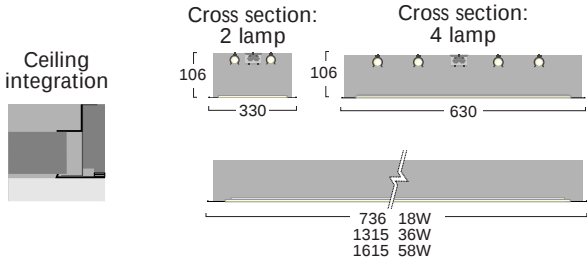
ACRYLIC PRISMATIC PRISMS UP
2 x 36W T8 Lamps

- SHR MAX = 1.35
- DLOR = 0.534
- SHR TR MAX = 1.45



UTILISATION FACTORS UF(F)		SHR NOM=1.25											
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	0.32	0.37	0.41	0.44	0.48	0.50	0.52	0.54	0.56		
0.50	0.30	0.20	0.28	0.33	0.37	0.39	0.43	0.46	0.48	0.51	0.52		
0.00	0.00	0.00	0.24	0.29	0.32	0.35	0.39	0.41	0.42	0.45	0.47		

CONVERSION TABLE FOR LAMP OPTIONS				DIFFUSER OPTIONS	
Lamp Length	0.6m	1.2m	1.5m	POLYCARBONATE	
Lamp wattage	18W	36W	58W	0.75	
UF and PC	0.97	1.00	1.02		



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ORDER CODES

IP65/20 SUITABLE FOR MODULAR GRID CEILINGS

	OPTIC/DIFFUSER	SUPPLIED LESS LAMP
FLEP418	Prismatic	4 x 18W T8
FLEP236	polycarbonate	2 x 36W T8
FLEP436	diffuser with	4 x 36W T8
FLEP258	prisms up	2 x 58W T8

EMERGENCY Add suffix to order codes above

E 3 hour integral emergency

To specify state:
Recessed back access luminaire for cut/prepared aperture ceilings.
One piece steel frame with acute angle edge detail for mastic seal – as Whitecroft Lighting FLEMING.