

DTFA & DTFN

MOTIVATION

Combining the highest standards with flexible usage in Class 10,000, 100,000 and unclassified environments

APPLICATION

- Modular grid ceilings
- Cut and prepared aperture ceilings
- Pharmaceutical Clean Rooms FS209D Class 10,000 and Class 100,000 rooms
- Unclassified rooms and clean environments

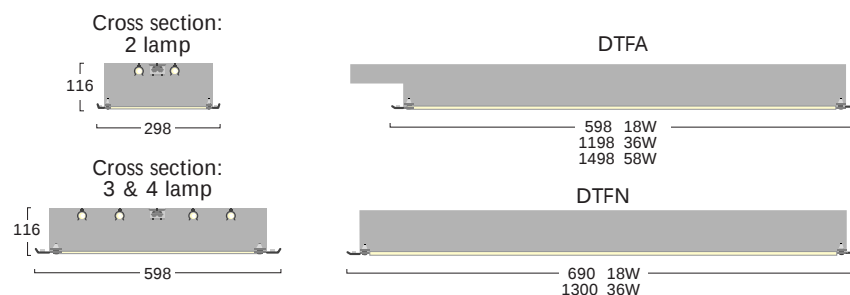


SPECIFICATION

- Outer frame gasketed to ceiling with inner frame sat in line with outer, allowing mastic seal to be applied if preferred
- Dual IP rated – IP65 with front frame in position, IP54 with front frame removed
- Extruded aluminium outer frame and inner frame, finished Satin silver AA5
- Side arm suspension brackets adjusted from outside the sealed body on DTFA, inside on DTFN
- High frequency control gear mounted on a gear tray
- Prismatic diffuser:
 - Polycarbonate Tp(a)
 - Acrylic Tp(b)
- Supplied without lamp



Operating theatre:
Great Ormond
Street Hospital



DTFA & DTFN

ORDER CODES

IP65/54 SUITABLE FOR MODULAR GRID AND CUT APERTURE CEILINGS

MODULAR GRID	CUT APERTURE	SUPPLIED LESS LAMP	OPTIC/DIFFUSER
DTFAP318	–	3 x 18W T8	Prismatic polycarbonate diffuser with prisms up
DTFAP418	DTFNP418	4 x 18W T8	
DTFAP236	DTFNP236	2 x 36W T8	
DTFAP336	DTFNP336	3 x 36W T8	
DTFAP436	DTFNP436	4 x 36W T8	
DTFAP258	–	2 x 58W T8	
DTFAA318	–	3 x 18W T8	Acrylic prismatic diffuser with prisms up
DTFAA418	DTFNA418	4 x 18W T8	
DTFAA236	DTFNA236	2 x 36W T8	
DTFAA336	DTFNA336	3 x 36W T8	
DTFAA436	DTFNA436	4 x 36W T8	
DTFAA258	–	2 x 58W T8	
DTFAW418	–	4 x 18W T8	W2 louvre and clear polycarbonate
DTFAW436	DTFNW436	4 x 36W T8	

For Spring Tee, a clip-in recessed sealing ring is advised when void to room integrity is important

EMERGENCY Add suffix to order codes above

OPTION Add suffix to order codes above

E 3 hour integral emergency

R Recessed panel for spring tee

To specify state

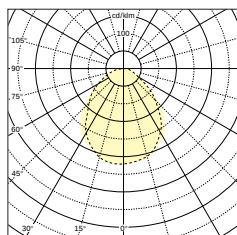
Recessed luminaire for modular grid ceilings (non modular cut aperture ceilings). BSI tested and certified IP65 frame on/IP54 frame off. Dual in line inner and outer extruded aluminium diffuser frame – as Whitecroft Lighting DTFA (DTFN). (For DTFN use words in brackets)

DTFA, DTFN

PRISMATIC ACRYLIC PRISMS UP
2 x 36W T8 Lamps



- SHR MAX = 1.55
- DLOR = 0.523
- SHR TR MAX = 1.78



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	0.37	0.41	0.44	0.47	0.50	0.51	0.53	0.55	0.56
0.50	0.30	0.20	0.33	0.37	0.41	0.43	0.46	0.48	0.49	0.51	0.52
0.00	0.00	0.00	0.30	0.34	0.37	0.39	0.42	0.43	0.45	0.46	0.47

CONVERSION TABLE FOR LAMP OPTIONS

Lamp Length	0.6m	1.2m	1.5m
Lamp wattage	18W	36W	58W
UF and PC	0.98	1.00	1.01

CONVERSION TABLE FOR DIFFUSER OPTIONS

POLYCARBONATE	0.75
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