

TUFFLITE TFC

- IP65, dust tight and water jet proof
- Polycarbonate free corrosion proof construction
- GRP body with stippled acrylic diffuser
- Stainless steel clips as standard
- Deep poured gasket seal for consistent and reliable sealing
- Available with switchstart or high frequency control gear
- Integral emergency on both gear types
- T8 or T5 fluorescent lamp options
- Quick and easy to install

The Tufflite TFC range provides a strong, resilient, IP65 rated luminaire. It is constructed with a robust GRP base, acrylic diffuser and supplied with stainless steel diffuser clips as standard, therefore providing a polycarbonate free solution for use in areas where corrosive chemicals may be present, such as industrial plants, workshops, food factories and maintenance areas. The range is available with a choice of switch start and high frequency control gear, T5 and T8 lamp options and integral emergency variants. Stainless steel fast fit mounting brackets are available as separate accessories.



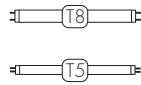
WHERE TO USE TUFFLITE TFC

- Food factories
- Car parks
- Exterior locations
- Canopy areas
- Leisure and sport clubs
- Plant rooms
- Showers and changing rooms
- Loading bays
- Construction sites



LAMP OPTIONS

- 18W, 36W, 58W & 70W
T8 fluorescent - G13 cap
- 28W, 35W (HE), 49W (HO)
T5 fluorescent - G5 cap



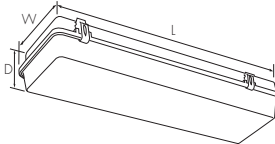
MATERIALS

- Body - glass reinforced polyester (GRP), self coloured grey
- Gasket - Polyurethane
- Diffuser - UV stabilised stippled acrylic, vacuum formed
- Clips - stainless steel
- Geartray - sheet steel, white enamel finish

INSTALLATION NOTES

- Suitable for direct fix to ceiling, fixing centres marked for drilling on site
- Fast fit/suspension clips available, removing the need to seal fixing holes
- 20mm cable entry hole at each end, supplied complete with sealing plugs
- 3 way push connect terminal block
- Geartray locates in position with tool free clips
- Diffuser retained by hinged clips for safe and quick install and maintenance
- Supplied excluding lamps

DIMENSIONS



Lamp	L (mm)	W (mm)	D (mm)	Fixing Centres (mm)
1 x 18W	702	102	115	500
1 x 28/36W	1312	102	115	800
1 x 35/49/58W	1612	102	115	1100
1 x 70W	1812	102	115	1100
2 x 18W	702	172	115	500
2 x 28/36W	1312	172	115	800
2 x 35/49/58W	1612	172	115	1100
2 x 70W	1812	172	115	1100

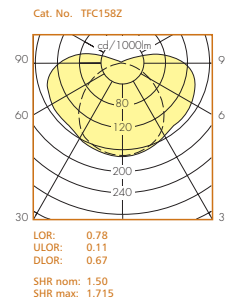
OPTIONS

- High frequency and switch start control gear as standard
- HF regulating versions on request
- Stainless steel diffuser clips supplied as standard
- T5 & T8 single and twin lamp versions available
- Fast fit suspension brackets available as accessories
- Fully integral emergency conversion, 3 hour duration
- Intellem self test emergency versions available

SPECIFICATION

To specify state: F marked corrosion resistant luminaire, sealed to IP65, with GRP body and stippled acrylic light controller, secured by hinged latches and removable geartray retained by tool free clips, as Crompton Tufflite TFC range, part no. _____

PHOTOMETRIC DATA



Utilisation factors / UF			Room Index								
Reflectances			0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
C	W	F									
70	50	20	38	44	50	54	60	64	67	71	74
	30		32	37	43	47	54	58	62	67	70
	10		27	32	38	42	49	54	57	63	66
50	50	20	36	41	47	50	56	59	62	66	68
	30		30	35	41	45	50	55	58	62	65
	10		26	31	36	40	46	51	54	59	62
30	50	20	34	39	43	47	52	55	57	61	63
	30		29	34	39	42	47	51	54	58	61
	10		25	30	35	38	44	48	51	55	58
0	0	0	22	26	31	34	39	43	45	49	52
BZ-class			6	6	6	6	6	6	6	6	6

See page 422 for Design Guide

TUFFLITE TFC

CATALOGUE NUMBERS

Lamp Rating	Gear Option	Cat. No.	Weight (kg)	Emergency Cat. No.	Weight (kg)
Prismatic acrylic controller versions - for T8 lamps (not supplied)					
1 x 18W	Switch start	TFC118S	1.9	-	-
2 x 18W	Switch start	TFC218S	2.2	-	-
1 x 36W	Switch start	TFC136S	2.8	EBTFC136S	4.2
2 x 36W	Switch start	TFC236S	4.6	EBTFC236S	6.0
1 x 58W	Switch start	TFC158S	3.7	EBTFC158S	5.1
2 x 58W	Switch start	TFC258S	6.3	EBTFC258S	7.7
1 x 70W	Switch start	TFC170S	4.4	-	-
2 x 70W	Switch start	TFC270S	8.0	-	-

1 x 18W	High Frequency	TFC118Z	1.8	-	-
2 x 18W	High Frequency	TFC218Z	2.1	-	-
1 x 36W	High Frequency	TFC136Z	2.7	EBTFC136Z	4.1
2 x 36W	High Frequency	TFC236Z	4.5	EBTFC236Z	5.9
1 x 58W	High Frequency	TFC158Z	3.6	EBTFC158Z	5.0
2 x 58W	High Frequency	TFC258Z	6.2	EBTFC258Z	7.6
1 x 70W	High Frequency	TFC170Z	4.3	EBTFC170Z	5.7
2 x 70W	High Frequency	TFC270Z	7.9	EBTFC270Z	9.3

TFC - GRP body and Acrylic diffuser, for T5 lamps (not supplied)

1 x 28W	High Frequency	TFC128Z	2.7	EBTFC128Z	4.1
2 x 28W	High Frequency	TFC228Z	4.5	EBTFC228Z	5.9
1 x 35W	High Frequency	TFC135Z	3.6	EBTFC135Z	5.0
2 x 35W	High Frequency	TFC235Z	6.2	EBTFC235Z	7.6
1 x 49W	High Frequency	TFC149Z	3.6	EBTFC149Z	5.0
2 x 49W	High Frequency	TFC249Z	6.2	EBTFC249Z	7.6

Accessories

Description	Cat. No.	Weight (kg)
Suspension brackets single lamp housing	TFCFBS	0.1
Suspension brackets twin lamp housing	TFCFBT	0.1