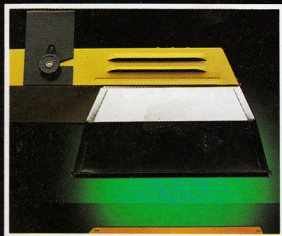
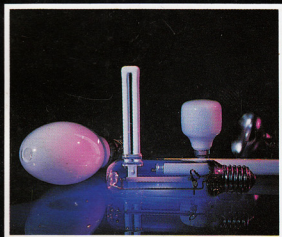
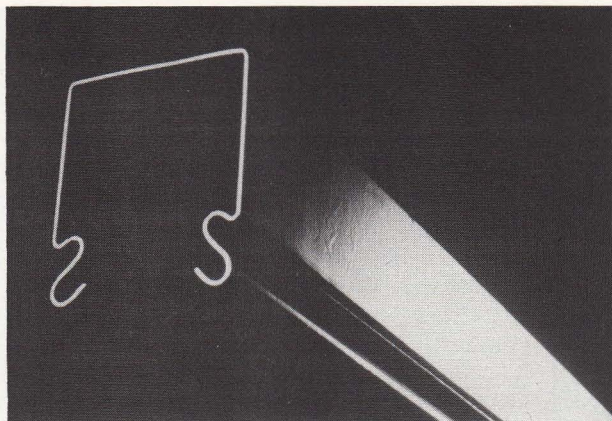


Osram-GEC

LIGHTING CATALOGUE



**LOOKING AT ENERGY SAVING
IN A DIFFERENT LIGHT.**



Topline Trunking is a versatile and easy to use trunking system for power-distribution as well as for lighting purposes.

- ★ Galvanised steel ★ Fast erection ★ Low installation cost ★ Great rigidity ★ Suspension up to 6 metres
- ★ Wide range of accessories ★ Zinc plated or die-cast aluminium ★ Complete earth continuity
- ★ Greater wiring capacity.

SPECIFICATION

FT1 – Rolled 18 swg galvanised steel 54 x 64mm (2½" x 2½"). The 'S' shaped contours give Topline greater strength and rigidity and avoids exposed edges.

Supplied in 4.6m (15') lengths, Topline can be surface mounted, recessed into ceiling tiles or suspended from conduit. Accessories are available for each type of mounting.

Can be spanned with suspension centres up to 6 metres (20'). When joined with the FT3 Fish plate the joint is as strong as the trunking itself.

Weight loading

Topline can be used with very high weight loading without exceeding the limits of deflection specified in BS449, 1964. A single span will obviously deflect more than a series of spans. The maximum loading allowed for various distances between supports is as follows:

Span Width (m)	Single Span				Continuous Run			
	3	4	5	6	3	4	5	6
Distributed load (kg/m run)	21.5	8	3.1	0.9	115	49	24.5	13.5
Central point load (kg)	40	20	9.7	3.4	173	97	61	40
Deflection at centre of span (mm max)	8	11	14	17	8	11	14	17

CABLE CAPACITY

Trunking Cable Area

$$= 2484\text{mm}^2$$

Derating Factor (Allowing for space and current ratings)

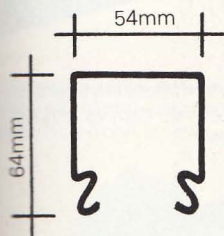
$$= 0.226$$

Trunking Unit Factor (Calculated 2484×0.226)

$$= 560$$

Cable Factors

(From 15th edition I.E.E. regulations – Table 12E).



Cable size mm ²		Factor
1.5	Solid	7.1
1.5	Stranded	8.1
2.5	Solid	10.2
2.5	Stranded	11.4
4.0	Stranded	15.2
6.0	Stranded	22.9
10.0	Stranded	36.3

To check trunking capacity multiply the quantities of each size of cable by its factor. The total may not exceed the Trunking Unit Factor – 560.

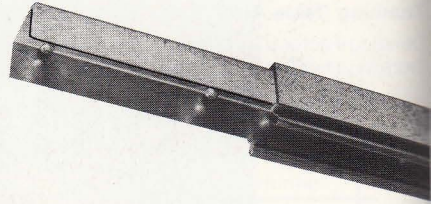
RANGE

Catalogue No.	Description	Weight kg
FT1	4.6m (15') lengths of galvanised trunking section	10.20
FT2	1.8m (6') lengths of galvanised cover plate	0.34
FT3	Fish plates galvanised	0.71
FT4	Hanger zinc plated	0.09
FT5A	Fitting attachment assembly for 20mm entry	0.06
FT5B	Fitting quick release attachment assembly for 20mm entry	0.10
FT5C	Fitting attachment assembly for 25mm entry	0.06
FT6	End wall support galvanised	0.25
FT8	End cap galvanised	0.03
FT9	Cable retainer	
FT10	90° bend, horizontal	0.14
FT11	90° bend, vertical	0.23
FT12	Tee junction	0.25
FT13	Four-way junction	0.29
FT14	1.8m (6') PVC Cover plate	0.45
FT15	Tile hanger	0.03
FT16	Girder clamp	0.14



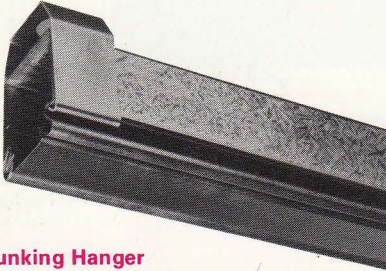
FT2 Clip-in Steel Lid

Galvanised steel lid snaps into Topline trunking 1.8m (6') lengths.



FT3 Fishplate

Designed to join two lengths of trunking together. In 16 swg galvanised steel, has captive locking screws. No drilling required.



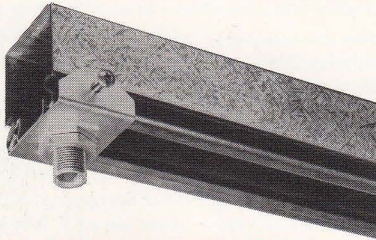
FT4 Trunking Hanger

16 swg zinc plated steel, with 20mm clearance hole.



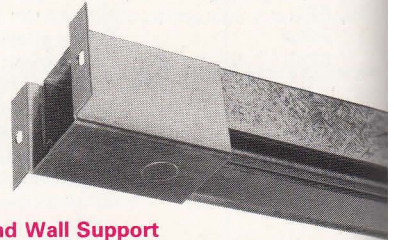
FT5A & FT5C Suspension Attachments

FT5A Made from zinc plated steel with a 20mm bush and two locknuts. The bush cannot turn when lock nuts are being tightened. FT5C as FT5A but with 25mm bush and two lock nuts.



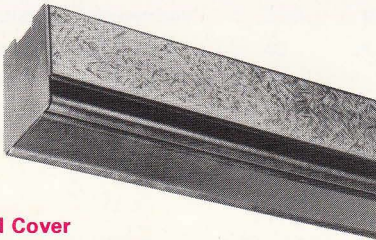
FT5B Quick Release Suspension Attachment

Made from zinc plated steel with 20mm bush and two lock nuts. Locates against the outside of the 'S' curves. Can also serve as a hinge to allow easy access.



FT6 End Wall Support

Fabricated 1.6mm (16 swg) galvanised steel, length 100mm (4") allows for expansion and contraction.



FT8 End Cover

In 0.7mm (22 swg) galvanised steel with 25mm (1") knockout. Tightening screw locks cover in place and ensures earth continuity.

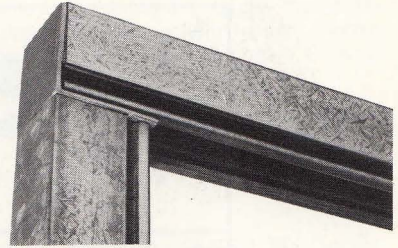
FT9 Cable Retainer Strips

Tough insulating sheet which springs into position in the trunking.



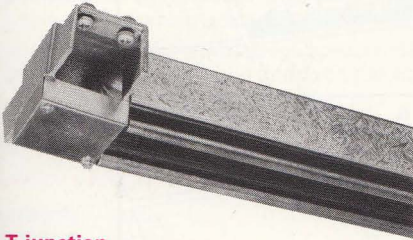
FT10 Right Angle Bend – Horizontal

To join horizontal lengths of FT1 in the same plane. Die-cast aluminium, complete with cover and captive locking screws.



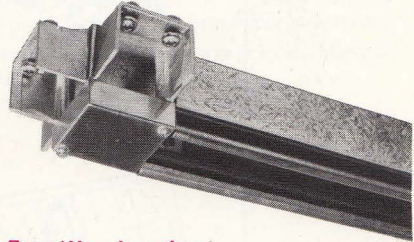
FT11 Right Angle Bend – Vertical

To join a vertical length of FT1. Die-cast aluminium, complete with cover and captive locking screws.



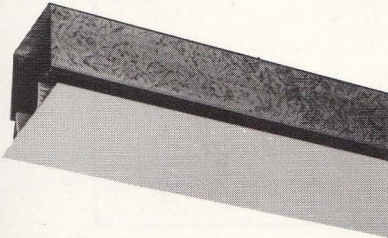
FT12 T-junction

To join three lengths of FT1 at right angles in one plane. Die-cast aluminium, complete with cover and captive locking screws.



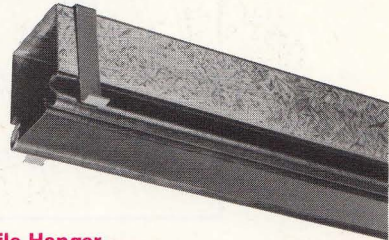
FT13 Four Way Junction

To join four lengths of FT1 at right angles in one plane. Die-cast aluminium, complete with cover and captive locking screws.



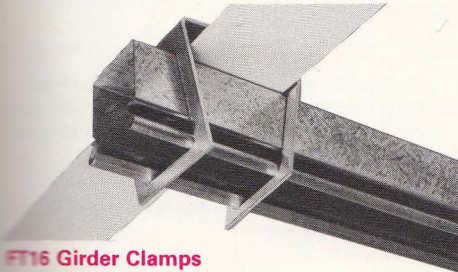
FT14 Flanged PVC Cover Strip

Provides an attractive and decorative trim when Topline is recessed. In white PVC, supplied in 1.8m (6') lengths.



FT15 Tile Hanger

To support ceiling tiles when Topline is recessed into suspended ceilings, used with FT14 PVC cover strip.



FT16 Girder Clamps

Zinc plated clamps for fixing Topline to girders with L or H section.