

THORN LIGHTING

Alpha 8 road lighting luminaire



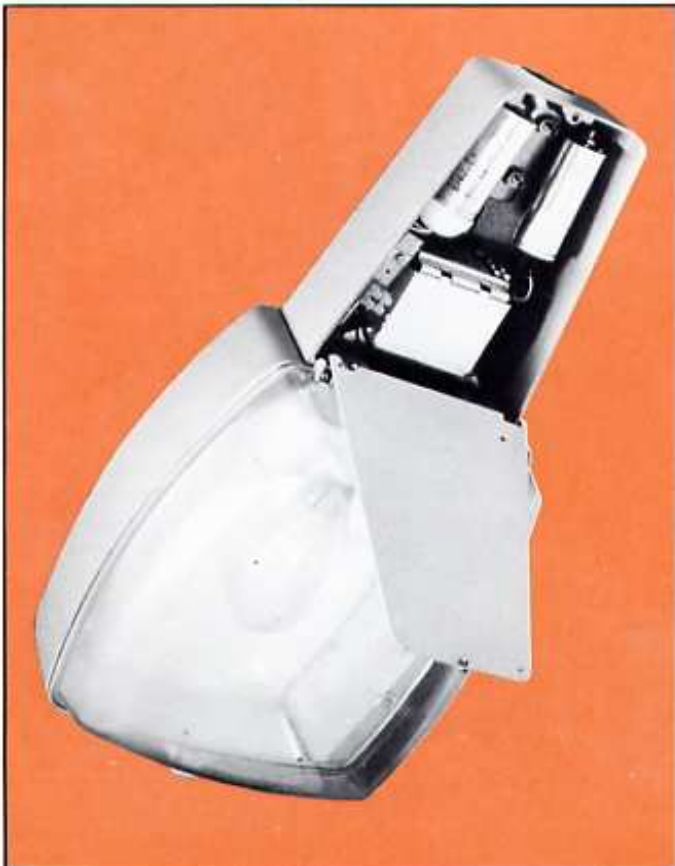
Alpha 8 road lighting luminaire

150W High Pressure Sodium (SON)
250W High Pressure Sodium (SON)
250W Mercury (MBF)

The Thorn Alpha 8 luminaire is specially designed for use with high light output 150W or 250W high pressure sodium (SON) lamps. Additionally, it will also accommodate a 250W mercury lamp and control gear set.

With a high downward light ratio, the Alpha 8 complies with British Standard 4533 for mounting at 10m or 12m and is especially suitable for use with Thorn aluminium columns.

The design and development of the Alpha 8 has produced a luminaire of compact dimensions with a minimal wind area profile, together with low cost and quality manufacture by the use of modern production techniques and materials.



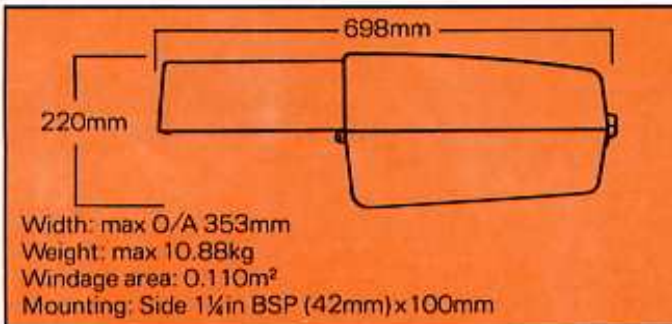
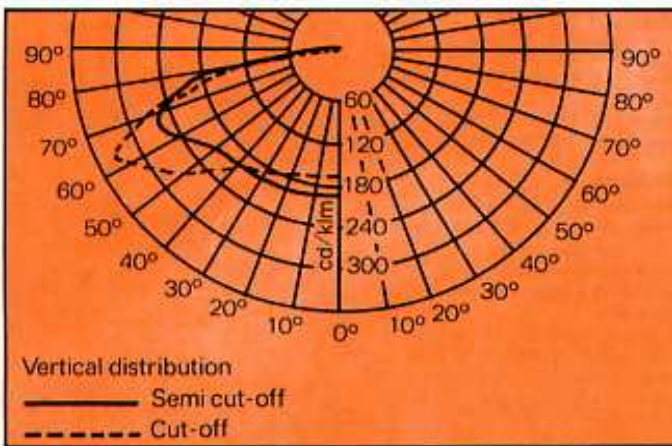
The Alpha 8 is supplied for alternative semi cut-off or cut-off light distributions from the same basic canopy, and is complete with integral control gear and NEMA socket as required for photocell switch control.

The separately enclosed lamp housing together with the attached control gear compartment are in pressure die cast aluminium with exterior finish in hammer grey stove enamel. Optical control is by a pair of side mounted anodised aluminium reflectors.

The cover bowl is a one piece injection moulding in ultra violet stabilised acrylic with integral moulded hook-on hinge fixture, and is secured to the lamp canopy by a single plastic toggle catch against a neoprene sealing gasket.

Mounting is for side entry on a 42mm (1 1/4" BSP) x 100mm bracket.





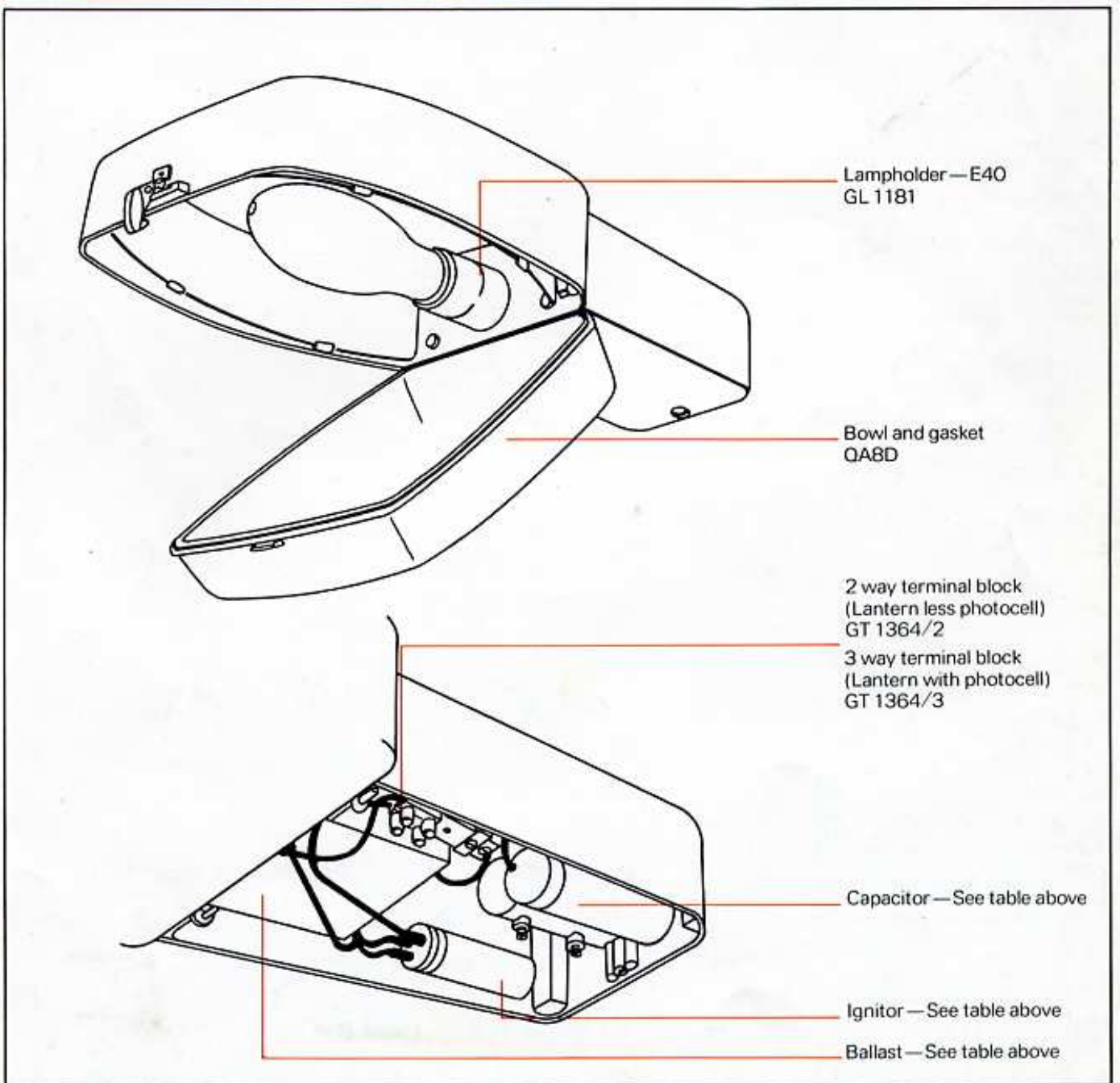
Range

Lamp W	Control Gear	Luminaire
	V Hz	Catalogue Number (SCO)
SON 150	220/240 50	QA8D/WSNB1150.T
	220/240 60	QA8D/WSNB1150.2.6.
250	220/240 50	QA8D/WSNB1250.T
	220/240 60	QA8D/WSNB1250.2.6.
MBF 250	220 50	QA8D/WSB1250.2
	240 50	QA8D/WSB1250.4
	220 60	QA8D/WSB1250.2.6.

For luminaires with cut-off distribution change S to C in cat. no.
 For luminaires with NEMA photocell socket insert P after S in catalogue number.

Control Gear

Lamp W	V	Hz	Ballast (G)	Ignitor (G)	Capacitor (GC)
SON 150	220/240	50	53335.T	53282A	2331
		60	53338.T	53282A	2331
	250	220/240	50	53321.T	53282A
		60	53340.T	53282A	2386
MBF 250	220	50	53315.2	—	2384
		60	53341.2	—	2384
	240	50	53315.4	—	2384



For more detailed information on Thorn Alpha 8 please consult your nearest Thorn Lighting office.

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