



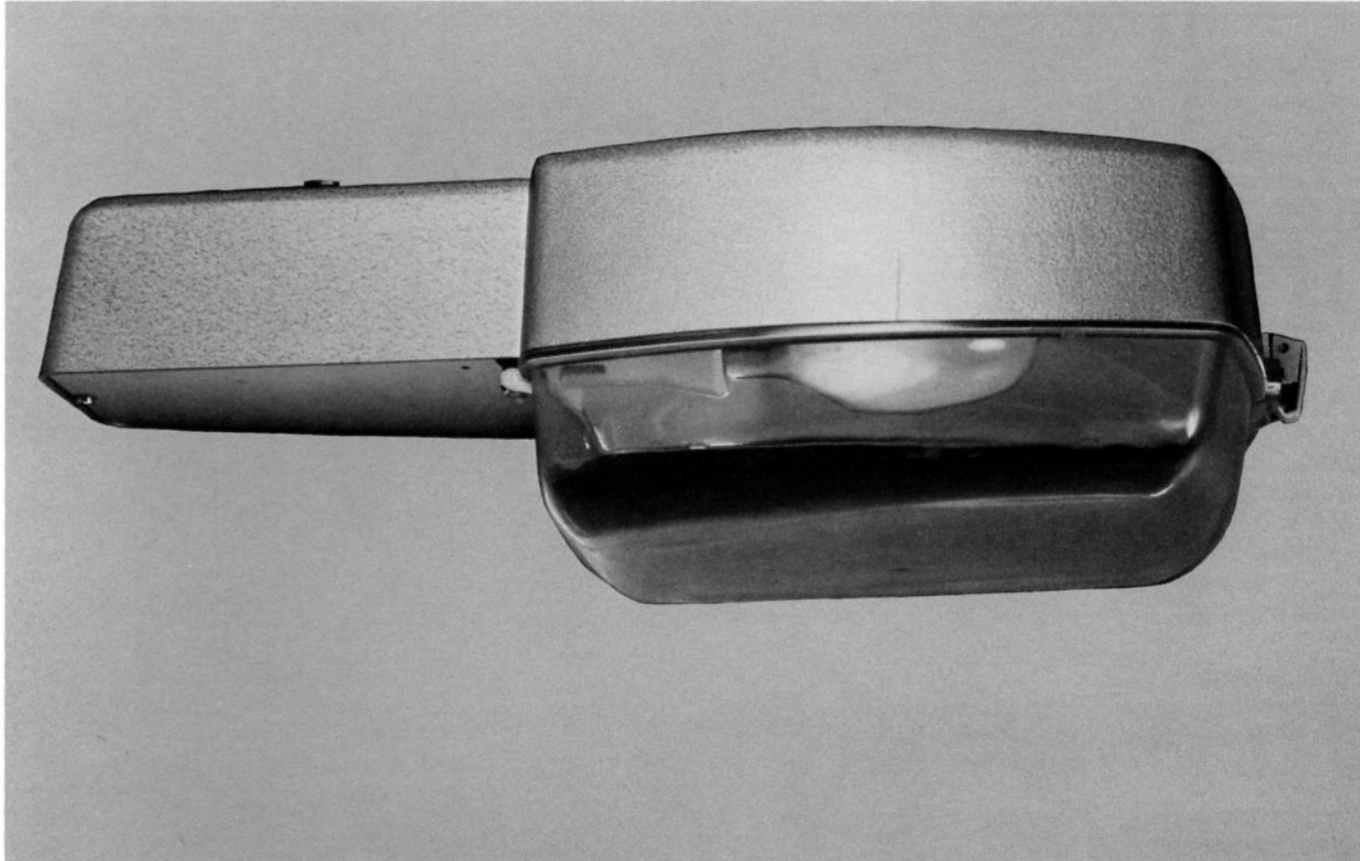
MARWOOD ELECTRICAL COMPANY LIMITED
SPECIALISTS IN LIGHTING

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ALPHA 8

**150W or 250W high pressure sodium SON or (SON-T)
250W mercury (MBF)**



APPLICATIONS

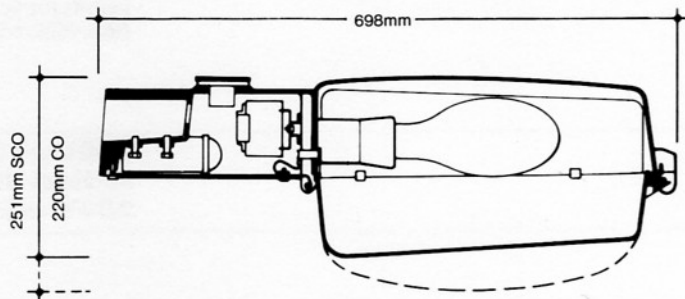
Motorways
Major roads

FEATURES

- The Alpha 8 is a lantern of compact dimensions, specially designed to obtain high light output from 150W or 250W high pressure sodium elliptical or clear tubular lamps.
- The Alpha 8 can also be used with a 250W mercury lamp for 8m mounting.
- The Alpha 8 is available in multiple control gear variations, with or without NEMA socket for photocell control, and provides a semi cut off or cut off light distribution.
- The luminaire comprises a sealed lamp compartment and attached gear housing/end support in pressure die cast aluminium. Optical control is by anodised aluminium reflectors. Cover bowls are injection moulded, UV stabilised acrylic with integral hook-on hinge, and closure is secured by a single plastic toggle catch.
- The Lantern is safety marked to BS4533 and kite marked in accordance with BS4533 Section 102.3.



THORN EMI Lighting

DIMENSIONS AND DATA

Luminaire	SCO	CO
Maximum width: mm	353	353
Maximum weight: kg	11.08	10.88
Windage area: m ²	0.120	0.110
Recommended mounting height: m	10-12	10-12
Mounting: Side entry for 42mm ϕ (1 $\frac{1}{4}$ " BSP) x 100mm		
Distribution	Semi cut-off	
Design attitude	Spigot axis horizontal	
Lamp	One 250W SON	
DLORL: downward ratio	0.81	

CATALOGUE NUMBERS AND ORDERING DATA**For 150W SON**

QA8DS/WNB 1150.T	SCO Lantern with integral gear.
QA8DS/WNPB 1150.T	SCO Lantern with integral gear and NEMA socket.

For 250W SON

QA8 DS WNB 1250.T	SCO Lantern with integral gear.
QA8 DS WNPB 1250.T	SCO Lantern with integral gear and NEMA socket.

For 250W MBF

QA8 DS WNB 1250.4	SCO Lantern with integral gear.
QA8 DS WNPB 1250.4	SCO Lantern with integral gear and NEMA socket.

For cut-off distribution lanterns substitute C for S in catalogue number.

Spare Refractor Bowls

QA8 DS—	for SCO lantern.
QA8 DC—	for CO lantern.