

Alpha 2000^{1:2}

DOCUMENT FOR INFORMATION ONLY - LANTERN DISCONTINUED



100W, 150W, 250W, 400W | HPS-T | E40

IP66 (Optical compartment) | IP54 (Control gear compartment) | EN 60598

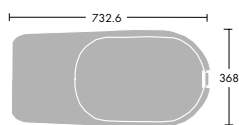
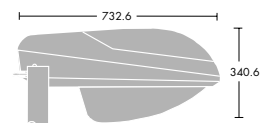


High performance lantern
for major traffic routes.

- High performance optical system (OPTIBLOC[®]) engineered for improved visibility and reduced glare
- Aerodynamic design
- IP66 dust tight and jet proof optical system
- Enclosure options - polycarbonate bowl, curved or flat glass
- High pressure sodium anti-cycling (Super APU) ignitor
- Easy access to lamp and gear via hinged top canopy
- Automatic disconnection of supply ensures safety during lamp maintenance
- Recyclable pressure die-cast aluminium body and top canopy



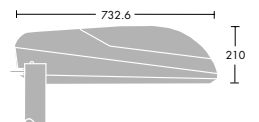
Polycarbonate bowl



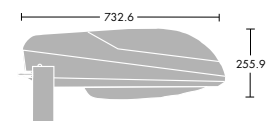
Plan



Flat glass



Curved glass



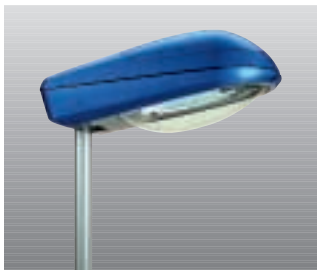
Materials/Finish

Body/canopy: Recyclable pressure die-cast LM6 aluminium with stainless steel hinge pins and toggle.

Enclosures: Polycarbonate bowl, flat glass or curved glass.

Reflector: Aluminium.

Standard versions with natural aluminium finish. Alpha 2000 with special colour finishes available to order.



Example of colour option

Installation/Mounting

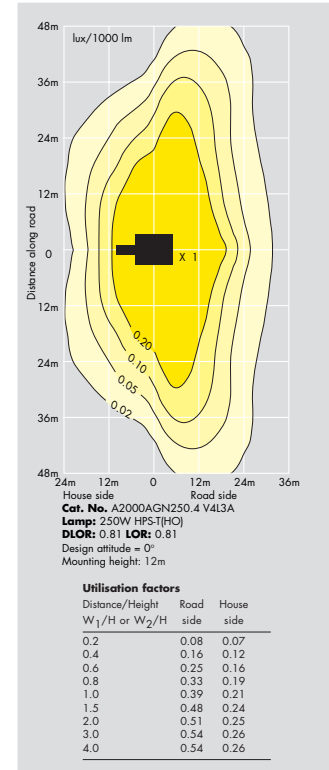
Mounting spigot, supplied with lantern, allows post-top or side-entry mounting for 42mm, 60mm or 76mm Ø and inclination adjustment from 0 to 20° in 5° increments.

**Ordering Guide** Lamps to be ordered separately.

Lamp type & rating	Description	Weight (kg)	Windage (m ²)	Cat. No.
HPS-T 100W	Flat glass	13.5	0.135	A2000AGN 100.4
HPS-T 150W	Flat glass	13.8	0.135	A2000AGN 150.4
HPS-T 250W	Flat glass	15.5	0.135	A2000AGN 250.4
HPS-T 400W	Flat glass	17.7	0.135	A2000AGN 400.4
HPS-T 100W	Curved glass	13.5	0.150	A2000ASN 100.4
HPS-T 150W	Curved glass	13.8	0.150	A2000ASN 150.4
HPS-T 250W	Curved glass	15.5	0.150	A2000ASN 250.4
HPS-T 400W	Curved glass	17.7	0.150	A2000ASN 400.4
HPS-T 100W	Polycarbonate bowl	13.0	0.175	A2000AVN 100.4
HPS-T 150W	Polycarbonate bowl	13.3	0.175	A2000AVN 150.4
HPS-T 250W	Polycarbonate bowl	15.0	0.175	A2000AVN 250.4
HPS-T 400W	Polycarbonate bowl	17.2	0.175	A2000AVN 400.4

For versions with Photocell Socket add 'P' to end of Lantern Cat. No. after 'N'.
(i.e. A2000AGNP 100.4).

Export voltages available, refer to page 553 for details.

**Specification**

To specify state:

Variable tilting post top or side entry die-cast LM6 aluminium road lighting lantern for 100W/150W/250W/400W high pressure sodium tubular lamp with flat glass/curved glass/polycarbonate bowl and electronic anti-cycling ignitor. OPTIBLOC® Lamp compartment with self isolating lampholder sealed to IP66.

As Thorn Alpha 2000.