

ORION 2 AL4100



Optimum Reflector System Patent No. 1151226

Benefits

- The ideal solution for large areas requiring even light distribution at lower mounting levels of between 5m to 8m
- You'll need fewer lighting points, thanks to the efficiency and uniformity of square illuminance distribution
- Fewer lighting points mean you save on installation and maintenance costs – there'll be less cable, gear, lamp replacement, power consumption and waste
- Provide low light pollution <1% ULOR, so they're dark skies friendly

Features

- Patented high performance Optimum Reflector System is highly polished and anodised aluminium, producing a square illuminance distribution at ground level
- UV stabilised clear polycarbonate low profile bowl
- Canopy in ABS Plastic, available in white as standard with black and dark silver/grey available on request but may carry a surcharge
- 76mm entry diameter spigot in cast aluminium, available in colours to match the canopy

- Available with single lamp up to 400W SON or 450W metal halide. Integral control gear
- Two lamp type options: high pressure sodium or metal halide
- Four lamp size options: 150W up to 450W (450W on metal halide only)
- Option of an internal shield to give asymmetric distribution and backward overspill control
- GORE™ membrane breather equalises internal pressure
- Removable gear tray with plug and socket connection, ensuring class 1
- Pre-flexed option to cut down on installation time and costs

Applications

- Retail and leisure car parks
- Large area lighting

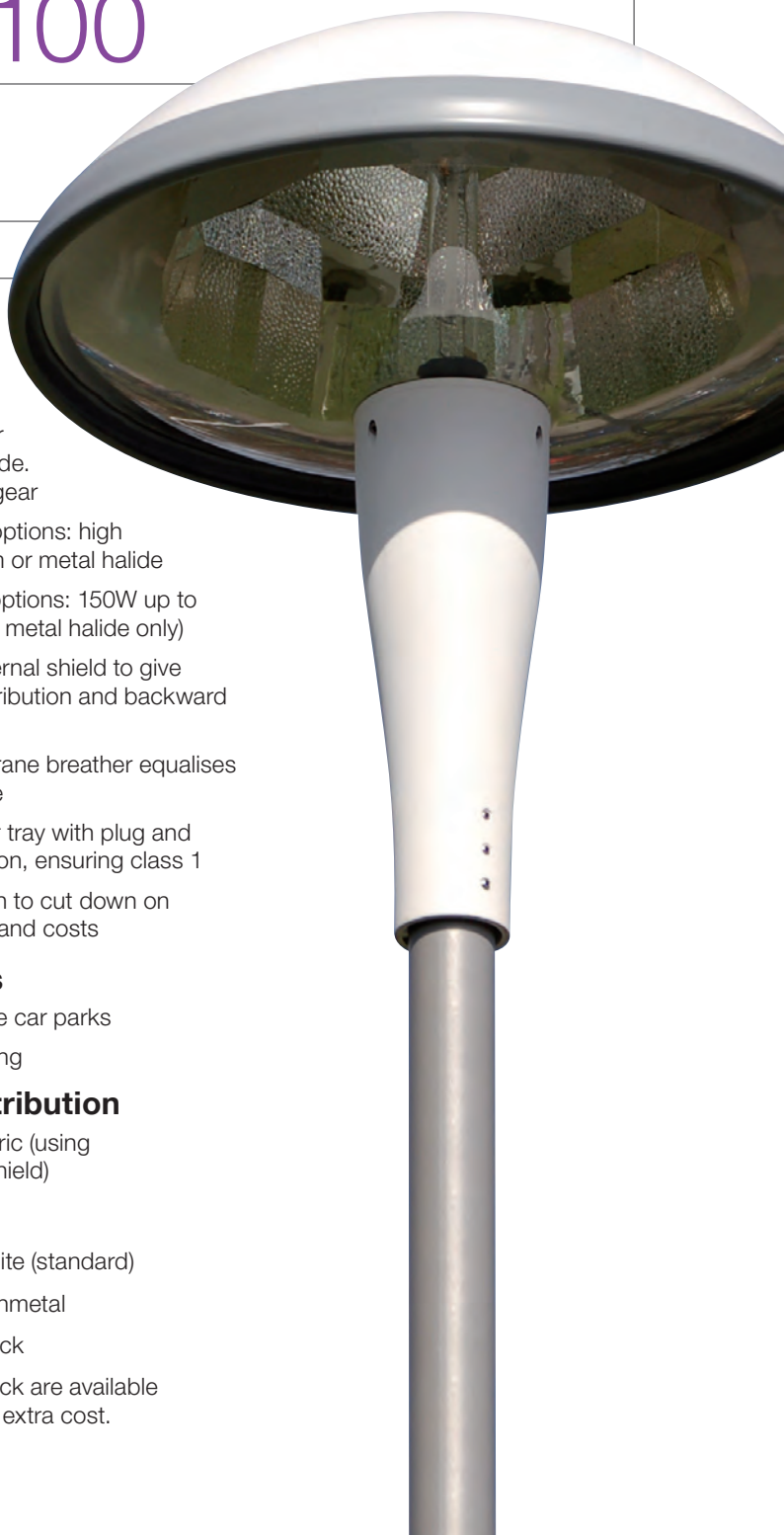
Lighting distribution

Square. Asymmetric (using optional internal shield)

Colours

- RAL9003 White (standard)
- RAL9007 Gunmetal
- RAL9005 Black

Gunmetal and Black are available on request and at extra cost.



	Lamp wattage and type	Lamp holder	Description	Weight (kg)*	Windage (m²)
AL4101	1 x 150/250/400W SONP-T 1 x 150/250/400/450W HQI-T	E40	Square distribution, integral gear	17.8	0.274
AL4102	1 x 150/250/400W SONP-T 1 x 150/250/400/450W HQI-T	E40	Asymmetric distribution, integral gear	18.2	0.274
AL4103	1 x 150/250/400W SONP-T 1 x 150/250/400/450W HQI-T	E40	Square distribution, remote control gear	13.5	0.274
AL4104	1 x 150/250/400W SONP-T 1 x 150/250/400/450W HQI-T	E40	Asymmetric distribution, remote control gear	13.8	0.274

*Max in range.



Column options

Choose between fixed and base hinged

	8m	6m	5m
Fixed	TB08.AM2	TB06.AM2	TB05.AM2
Base	T088RLH.AM2	T061RLS.AM2	T051RLS.AM2

Accessories

AL4100/PC Photocell

Spotlight on Orion 2

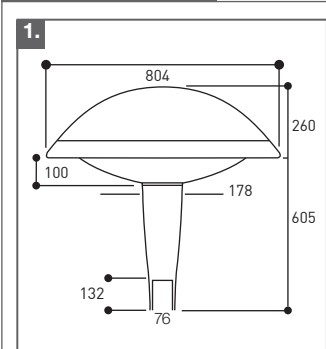
The Orion 2 was developed to strengthen the successful Orion series, giving you greater flexibility and choice. Without compromising performance, the Orion 2 is 20% smaller in diameter with a single lift off canopy, reducing overall costs. It is specifically designed for use with single high wattage HID lamps, and is aesthetically suited to lower height columns.

Also available with a twin arm option – BKTD.AM2.

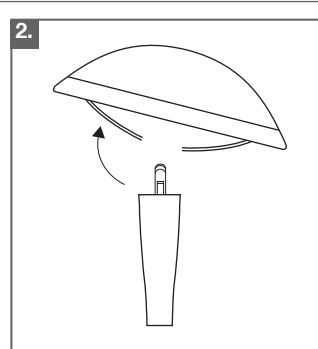


With Optimum Reflector System
Please see page 9 for further information.

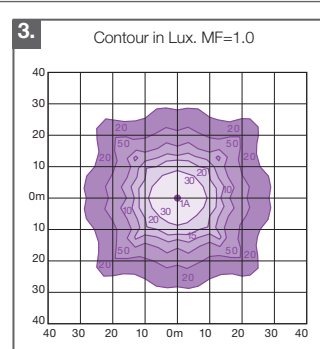
Key features



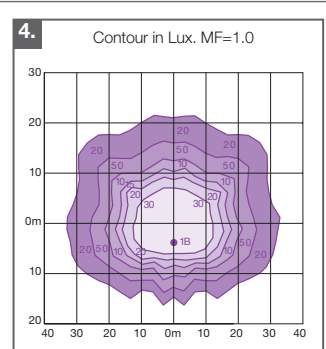
Dimensions & Mounting
Direct entry onto 76mm column shaft or spigot
Mounting height: 5m – 8m



Maintenance
Release three screw clamps and lift lantern canopy



Square distribution
Lamp 400W SONP-T
Mounting height: 8m



Asymmetric distribution
Lamp 400W SONP-T
Mounting height: 8m

All dimensions are in mm.