

HIT (MT)	G12	35-70W
CPO-TW (MT) PGZ12		60W
AS/NZS 60598	Class I Electrical	
Class II Electrical	IK10	
IP66		

A new road lighting luminaire with a special bi-directional optic, resulting in a unique light distribution; excellent uniformity with no glare; low energy and above all a mounting height of 0.9m

- Because Orus is a radical departure from standard luminaires, its characteristics are equally innovative
- The optimised mounting height is 0.9m to ensure that no direct light enters the vehicle
- Optimum spacing is between 8m and 15m
- Road and street optics for choice in distribution, with the road optic directing light entirely on the road and the street optic creating a circle of light around the luminaire
- Enabling drivers to detect a pedestrian's whole body also increasing security by enabling face recognition
- Constructed from high quality materials and engineered for low maintenance and a long operating life
- Easy to handle and delivered complete and ready to install in one box

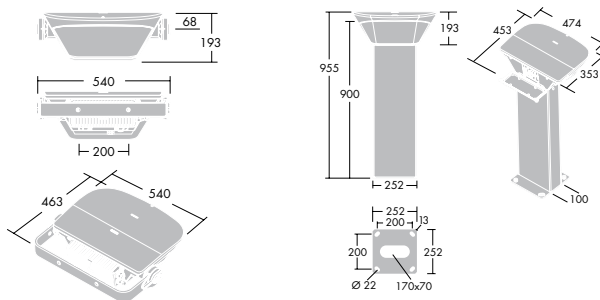


### Materials/Finish

**Bollard:** 3mm steel powder coated grey (RAL 9006).  
**Enclosure:** UV stabilised polycarbonate protected against graffiti and with extra scratch resistant treatment.  
**Reflector:** pure aluminium with high reflectance coating.  
**Tamper-proof screws and bolts:** stainless steel.  
**Gaskets:** silicon.  
**Stirrup:** die-cast aluminium.

### Installation/Mounting

Mounting height has to be 0.9m while offset should be 2m for optimum results. Plug and socket connections. Rear access to lamp via 2 tamper proof Allen screws. Cable glands for Ø8 to 13mm cable. Adjustment of 0° through spirit level. Tolerance of 5° is allowed. Delivered complete, ready to install. Stirrup version: rear access to gear components. Ready for through wiring via 2 cable glands. 180° rotating stirrup. Stirrup fixed through 2 x M10 tempered bolts. Bollard version: inside bollard access to gear components. Flange mounting. Head fixed to bollard through 2 x M10 tempered bolts



### Ordering Guide

Lamps to be ordered separately.

Description	Ilcos Code	Socket	Wt (kg)	SAP Code
<b>Bollard Version</b>				
ORUS 35W HIT DGE CL1 BOL ROAD	MT	G12	23.70	96250919
ORUS 35W HIT DGE CL1 BOL STREET	MT	G12	23.70	96250921
ORUS 70W HIT DGE CL1 BOL ROAD	MT	G12	23.90	96250923
ORUS 70W HIT DGE CL1 BOL STREET	MT	G12	23.90	96250925
ORUS 60W CPO-TW CL1 BOL ROAD	MT	PGZ12	24.10	96250927
ORUS 60W CPO-TW CL1 BOL STREET	MT	PGZ12	24.10	96250929
<b>Stirrup version</b>				
ORUS 70W HIT DGE CL1 MFX ROAD	MT	G12	8.80	96231242
ORUS 35W HIT DGE CL1 MFX ROAD	MT	G12	8.80	96231244
ORUS 35W HIT DGE CL1 MFX STREET	MT	G12	8.80	96250912
ORUS 70W HIT DGE CL1 MFX STREET	MT	G12	8.80	96250914
<b>Accessories</b>				
ORUS ANTIVANDAL KEY SET			0.05	96251374
ORUS BRAID			0.00	96251381

### Specification

To specify state: Innovative road lighting luminaire for 35-70W HIT-CE lamps, incorporating Flat Beam® technology, in die-cast aluminium reaching lighting standards at 0.9m high. Sealed to IP66 with unique lighting distribution and choice of mounting options. As Thorn Orus.