

Plurio

Enhancing sustainability and well-being in residential and urban spaces

Today's urban planner faces lighting demands undreamt of even a decade ago. It is no longer sufficient to provide orientation with security after dark. It is not even enough to create an ambience that gives a sense of well-being. We need to deliver all these, but in an environmentally friendly manner.

Stricter rules are being applied to product design, use and disposal. Older technologies are being outlawed and obtrusive light regulations tightened. We have to minimise the carbon footprint of a product and maximise sustainability.

Clearly, a new creative approach was needed; now it has arrived.

Plurio presents a portfolio of decorative post-top lanterns and columns which factor in:

Simple and friendly design

Their clean lines, colour and contours, blend harmoniously with most urban landscapes.

There are four styles, as shown below. In each there are choices of bowls, optics and optical accessories, and in Plurio

Well being and lighting performance

The universal shapes, combined with an innovative high performance optical system, create a sense of space, safety and well-being. There is a choice of lamp types, including 'white light' options, to suit differing applications.

Environmental Integrity

The use of environmentally sound materials; the design of the lantern and its optics; and the volume optimisation of the packaging ensures that Plurio provides minimal obtrusive light nuisance, sustainable energy savings and thus valuable reductions in CO2 emissions.

Low cost of ownership

Designed from concept stage to be easy to install and maintain, the Plurio range represents excellent value for money.

Complete poles and brackets packages

Co-ordinated poles and brackets available to help the designer to achieve a fully integrated design.



Plurio Original






Plurio Round



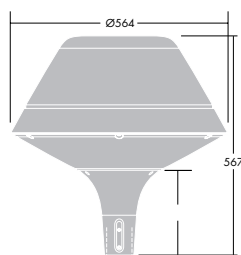
Plurio Effect

Plurio

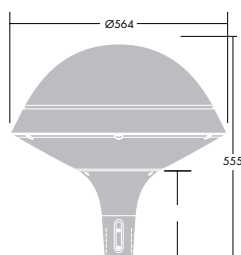
Original and Round

 Class I Electrical	IK08
 Class II Electrical	IP66
AS/NZS 60598	

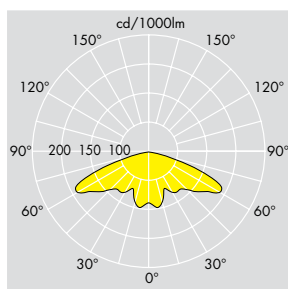
Innovative high performance optical system engineered for improved visibility, reduced glare and control of obtrusive light



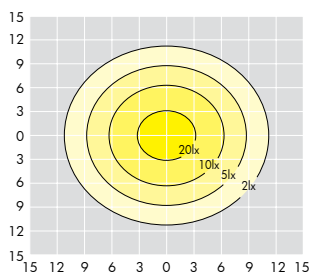
Plurio Original
Windage: 0.070m²



Plurio Round
Windage: 0.070m²



Plurio with faceted reflector and clear bowl
Lamp: 70W HIE
DLOR: 69% ULOR: 1%



Plurio with faceted reflector and clear bowl
Lamp: 70W HIE
DLOR: 69% ULOR: 1%

- Two canopy styles (with clear bowls) to suit any given landscapes).
- Multifaceted optic provides outstanding illuminance and uniformity.
- Choice of lamp that optimise energy consumption.
- Lamp selection includes 'white light' options.
- Canopy avoids obtrusive light (ULOR down to 0% with ULOR 0% accessory).
- Aluminium lampshield (120°) for 'residential' cut-off available
- Glare avoidance (prisms on clear bowl)
- Resistant (IP66 seal), durable and recyclable materials
- Dedicated range of decorative columns and brackets

Materials/Finish

Canopy, base and optic made of aluminium
Optics: aluminium multifaceted reflector
Bowl: UV stabilised

polycarbonate clear with anti-glare prisms
Powder coating: silver grey textured (close to RAL 9006)

Installation/Mounting

Post top mounting
Spigot : 60mm diameter x 75mm long
Recommended height: 3/4m
Dedicated range of columns and brackets
Access to lamp and gear via 3 screws below the bowl.

Specification

To specify lantern state: IP66 post top decorative aluminium lantern for 70-100W high pressure sodium or metal halide, 57W compact fluorescent, powder coated silver grey finish, with multifaceted aluminium optic. As Thorn Plurio.

Ordering Guides




Class	Description	Ilcos code	Socket	Weight (Kg)	Plurio Original Canopy	Plurio Round Canopy
					Clear Diffuser	Clear Diffuser
Optic: Faceted						
Gear: Conventional						
I	PLURIO 100W HID*	SE/ME	E40	9.0	96253963	96253961
Gear: Electronic						
I	PLURIO 70W HIDE*	SE/ME	E27	8.0	96253960	96253958
II	PLURIO 57W TC-TEL	FSM	GX24q-5	7.4	96253921	96253919

* Only use Venture elliptical lamps

Accessories Ordering Guide

Description	Weight (Kg)	SAP Code
PLURIO ULOR 0%	0.3	96254523
PLURIO LAMP SHIELD 120°	0.5	96254524
PLURIO ADAPTOR 76MM	-	96060605

Plurio Effect

 Class I Electrical	IK08
 Class II Electrical	IP66
AS/NZS 60598	

Original architectural lantern to create a soft ambience in parks, promenades and plazas



Plurio Effect

- At night time, light is visible through the transparent white rings on the canopy creating a welcoming and stylish ambience.
- Ideal in parks or promenades to reveal tree foliage and to provide users with a feeling of safety.
- Possibility to customise the canopy pattern on request,
- Possibility to change the filter for special events
- Glare avoidance (prisms on clear bowl)
- Optimised maintenance and installation
- Dedicated range of decorative poles and brackets
- Aluminium lampshield (120°) to cut-off flux available
- No obtrusive light, ULOR = 4%

Materials/Finish

Canopy: Transparent polycarbonate painted externally in grey silver (RAL9006) with internal grey layered printed white filter.

Base: Cast aluminium powder coated silver grey textured (close to RAL9006)

Bowl: Clear UV stabilised polycarbonate with external anti glare prisms

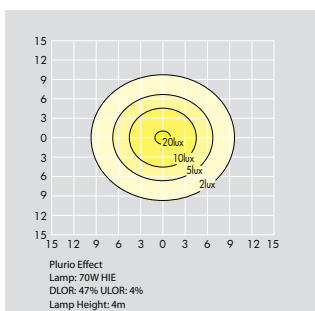
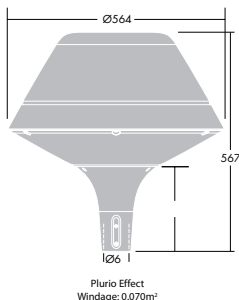
Installation/Mounting

Post top mounting
Spigot: 60mm diameter x 75mm long
Recommended height: 3/4m
Dedicated range of columns and brackets
Access to lamp and gear via 3 screws below the bowl.

Specification

To specify lantern state: IP66 post top lantern for 70-100W high pressure sodium or metal halide, 57W compact fluorescent, made in transparent polycarbonate painted externally in grey silver with internal grey layered printed white PC filter, prismatic bowl and cast aluminium base in coated silver grey.

As Thorn Plurio Effect



Ordering Guide Plurio Effect (base 60mm, white optic, clear diffuser).

Lanterns complete with gear in one box. Lamp to be ordered separately

Class	Description	Ilcos code	Socket	Weight (Kg)	SAP Code
Gear: Conventional					
I	PLURIO E 100W HID*	SE/ME	E40	7.8	96254033
Gear: Electronic					
I	PLURIO E 70W HIE*	SE/ME	E27	6.8	96254032
II	PLURIO E 57W TC-TEL	FSM	GX24q-5	6.2	96254026

* Only use Venture elliptical lamps

Accessories Ordering Guide

Description	Weight (Kg)	SAP Code
PLURIO LAMP SHIELD 120°	0.5	96254524
PLURIO ADAPTOR 76MM	-	96060605

Plurio columns and brackets

A range of columns and brackets designed to harmonise both in style and proportion with Plurio lanterns

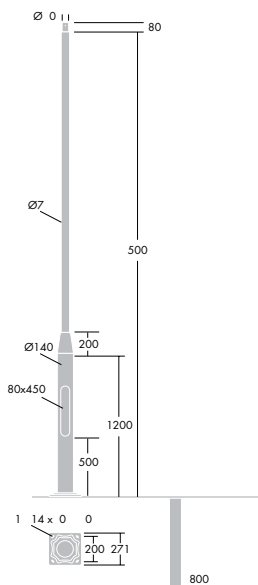
- A range of 3.5m galvanised steel columns, in a choice of tubular (with decorative tapered upper sleeve) and stepped (with decorative collar) forms.
- Two choices of column installation: base plate or buried
- Three designs of bracket arm are available: single outreach, twin outreach and wall. All are crafted from cast aluminium with 60mm diameter lantern spigots.

Stepped column with decorative collar

Column: Galvanised steel, powder coated sandy grey 900 (close to RAL 7046)
 Spigot: 60mm
 Height: 3.5m
 Mounting: base plate (MPL) and buried (MGR)

Base plate version:
 Fixing centres: 200x200mm
 Fixing bolts: M14/300 (provided).

Decorative Collar:
 cast aluminium – to be ordered separately – powder coated silver grey as Plurio lantern (close to RAL 9006) to be ordered separately. Mounts on the column with 3 M8 screws (provided). Requires foundation steel cage (ordered separately)

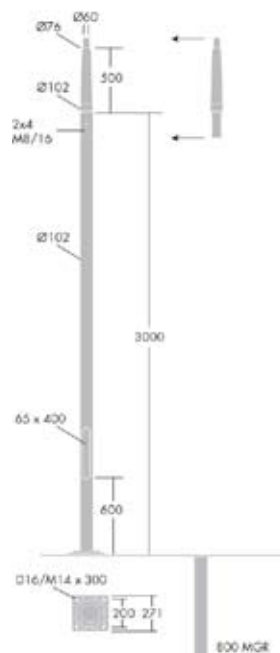


Tubular column with decorative tapered upper sleeve

Column: Galvanised steel 102mm diameter, powder coated sandy grey 900 (close to RAL 7046)
 Spigot: 60mm
 Height: 3m + 0.5m upper shaft
 Mounting: base plate (MPL) and buried (MGR)

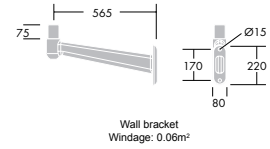
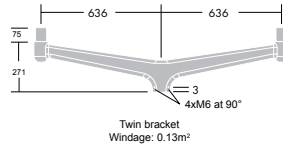
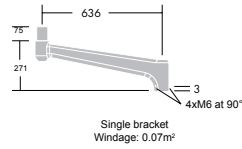
Base plate version:
 Fixing centres: 200x200mm
 Fixing bolts: M14/300 (provided).

Tapered cast aluminium upper sleeve, silver grey, ordered separately. Fixed by 8 M8 screws (provided). Requires foundation steel cage (ordered separately)



Plurio brackets

Brackets: Powder coated silver grey (close to RAL 9006). Post-top brackets fix on a 60mm spigot. All brackets accept Plurio lanterns with 60mm spigots.



Ordering Guide For complete package please order the collar or upper sleeve, corresponding column and bracket (if required)

Description	Weight (kg)	SAP code
Collar		
PLURIO COLLAR SIL	2	96253580
Plurio Columns for use with collar		
PLURIO COL 3.5M D140/76/60 MPL FAI GRY	31.6	96254562
PLURIO COL 3.5M D140/76/60 MGR ST GRY	35.5	96254564
Upper Sleeve		
PLURIO BRA TOP 500MM MTP D60 SIL	4	96253579
Plurio Columns for use with upper sleeve		
PLURIO COL 3M 102MM MPL ST FAI GRY	29	96254566
PLURIO COL 3M 102MM MGR ST GRY	31.6	96254568
Brackets - column mounted		
PLURIO BRAX1 640MM MTP D60 SIL	6	96253577
PLURIO BRAX2 1.2M MTP D60 SIL	10	96253578
Brackets - wall mounted		
PLURIO BRAX1 600MM MWA D60 SIL	5	96253576

MPL - Base plate, MGR - Buried, MWA - Wall mounted, MTP - Top mounted

