

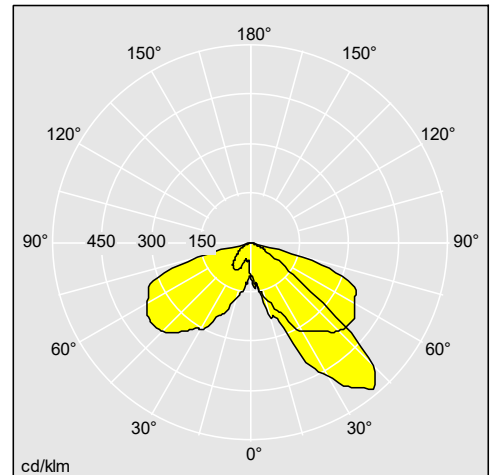
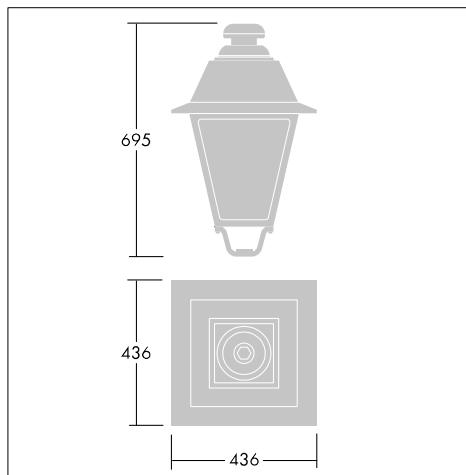
EP 445

A 19th century style LED lantern to refurbish traditional streets and historic areas with a durable energy efficient solution

- IDA Dark Sky Approved
- *IDA fixture seal of approval relates to ≤ 3000 K only and clear enclosures. Luminaires must be mounted as photometered.
- Traditional black lantern with coordinated columns and brackets to seamlessly integrate into the environment
- High quality optical system to increase performance significantly for the replacement of old light sources, 4000K and 3000K colour temperature as standard, 2200K available on request for areas requiring a particularly warm ambience
- Low cost of ownership: lifetime 100,000h (25°C, L80), integrated dimming for further energy savings
- Quick installation with choice of suspended and post top mountings to cover applications ranging from residential streets to city squares



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.



96629546

Material/Finish

Lantern body and top: die-cast aluminum , finish black (RAL 9005) textured, standard corrosion class: C3.

Gasket: silicone

Enclosure: extra clear glass 4 mm

Installation/Mounting

Post top or suspended mounting, recommended height up to 6m.

Post top:

On steel columns Ø60mm with adaptor (code 96629564).

On die-cast columns with threaded spigot.

Suspended:

Universal joint code 96262636 allowing compensation of any possible default of verticality support in case of straight fixing.

Access to replaceable LED plate via 4 screws after opening the hinged canopy with 1 screw. Delivered in kit to be assembled through 3 easy steps. Pre-wiring to be added through a 4th additional step before installation on the pole, delivered with a 5m cable H07-RNF as standard for post top version, all supplied in one box. Complete with factory setting 700mA integrated Bi-Power dimming, switchable by the installer to 3 other dimming profiles, 525mA or 350mA, and no dimming.

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Specification

To specify state:

IP66 post top and suspended 19th century style die-cast aluminum lantern up to 122lm/W efficiency, black textured finish, with asymmetrical and rotational symmetric optics, dimming system, and co-ordinated columns and brackets.

As Thorn EP 445

Ordering Guide

 Accessories to be ordered separately

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
EP 445, narrow road optic, post top mounting				
EP445 12L70-730 ND-A BPS CL2 W5M MTP	LED		9,7	96629544
EP445 12L70-740 ND-A BPS CL2 W5M MTP	LED		9,7	96629545
EP445 24L70-730 ND-A BPS CL2 W5M MTP	LED		9,7	96629546
EP445 24L70-740 ND-A BPS CL2 W5M MTP	LED		9,7	96629547
EP445 12L70-827 ND-A BPS CL2 W5M MTP	LED		9,7	96631748
EP445 24L70-827 ND-A BPS CL2 W5M MTP	LED		9,7	96631749
EP445 36L70-827 ND-A BPS CL2 W5M MTP	LED		9,7	96631758
EP445 36L70-730 ND-A BPS CL2 W5M MTP	LED		9,7	96631759
EP445 36L70-740 ND-A BPS CL2 W5M MTP	LED		9,7	96631760
EP 445, narrow road optic, suspended				
EP445 12L70-730 ND-A BPS CL2 MSU	LED		8,7	96629556
EP445 12L70-740 ND-A BPS CL2 MSU	LED		8,7	96629557
EP445 24L70-730 ND-A BPS CL2 MSU	LED		8,7	96629558
EP445 24L70-740 ND-A BPS CL2 MSU	LED		8,7	96629559
EP445 12L70-827 ND-A BPS CL2 MSU	LED		8,7	96631754
EP445 24L70-827 ND-A BPS CL2 MSU	LED		8,7	96631755
EP445 36L70-827 ND-A BPS CL2 MSU	LED		8,7	96631767
EP445 36L70-730 ND-A BPS CL2 MSU	LED		8,7	96631768
EP445 36L70-740 ND-A BPS CL2 MSU	LED		8,7	96631769
EP 445, street comfort optic, post top mounting				
EP445 12L70-730 CD-A BPS CL2 W5M MTP	LED		9,7	96629548
EP445 12L70-740 CD-A BPS CL2 W5M MTP	LED		9,7	96629549
EP445 24L70-730 CD-A BPS CL2 W5M MTP	LED		9,7	96629550
EP445 24L70-740 CD-A BPS CL2 W5M MTP	LED		9,7	96629551
EP445 12L70-827 CD-A BPS CL2 W5M MTP	LED		9,7	96631750
EP445 24L70-827 CD-A BPS CL2 W5M MTP	LED		9,7	96631751
EP445 36L70-827 CD-A BPS CL2 W5M MTP	LED		9,7	96631761
EP445 36L70-730 CD-A BPS CL2 W5M MTP	LED		9,7	96631762
EP445 36L70-740 CD-A BPS CL2 W5M MTP	LED		9,7	96631763
EP 445, street comfort optic, suspended				
EP445 24L70-730 CD-A BPS CL2 MSU	LED		8,7	96629562
EP445 24L70-740 CD-A BPS CL2 MSU	LED		8,7	96629563
EP445 12L70-730 CD-A BPS CL2 MSU	LED		8,7	96629560
EP445 12L70-740 CD-A BPS CL2 MSU	LED		8,7	96629561
EP445 36L70-740 CD-A BPS CL2 MSU	LED		8,7	96631772
EP445 12L70-827 CD-A BPS CL2 MSU	LED		8,7	96631756
EP445 24L70-827 CD-A BPS CL2 MSU	LED		8,7	96631757
EP445 36L70-827 CD-A BPS CL2 MSU	LED		8,7	96631770

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code
EP445 36L70-730 CD-A BPS CL2 MSU	LED		8,7	96631771
EP 445, rotationally symmetric optic, post top mounting				
EP445 12L70-730 ROTO BPS CL2 W5M MTP	LED		9,7	96629552
EP445 12L70-740 ROTO BPS CL2 W5M MTP	LED		9,7	96629553
EP445 24L70-730 ROTO BPS CL2 W5M MTP	LED		9,7	96629554
EP445 24L70-740 ROTO BPS CL2 W5M MTP	LED		9,7	96629555
EP445 12L70-827 ROTO BPS CL2 W5M MTP	LED		9,7	96631752
EP445 24L70-827 ROTO BPS CL2 W5M MTP	LED		9,7	96631753
EP445 36L70-827 ROTO BPS CL2 W5M MTP	LED		9,7	96631764
EP445 36L70-730 ROTO BPS CL2 W5M MTP	LED		9,7	96631765
EP445 36L70-740 ROTO BPS CL2 W5M MTP	LED		9,7	96631766
EP 445 accessories				
EP445 D60 COL/ADAPTOR R9005TX			0,8	96629564
EP445 D76 COL/ADAPTOR R9005TX			0,9	96631773
EP445 LED ECL/PC			1,8	96634047