

# UCL SERIES

GLASS REFRACTOR  
CEILING MOUNT

Cat. #		Approvals
Job	Type	



### APPLICATIONS

- The UCL modular canopy lighting system consists of an independent ballast section (UCB) with three interchangeable opticals. Optical choices include a full drop lens (UCO1) for long-range visibility and sparkle, convex lens (UCO2) for reduced high-angle illumination and the flat lens (UCO3) for maximum lighting control. You can customize your optical configuration as your marketing needs change without replacing the expensive ballast and wiring housing. All three opticals utilize the same 4" hole through the deck pan ensuring the structural integrity and look of the pan is not compromised.

NOTE: Not suitable for double deck canopy or enclosed ceiling applications.

### SPECIFICATIONS

- Modular design for flexibility and availability for quick shipment of three optical designs with one ballast.
- Die cast construction for long-term durability and cooling. Complete UCL and Canopy Gasketing with two 1/2" threaded conduit holes for thru-wiring.
- Tool-free, positive optical latching for reliable sealing and easy on-ground relamping with available changers.
- Adjustable reflectors standard with 8 lamp shelding combinations (UCO1), and easy optical assembly replacement from below.
- Below-canopy installation capability and tool-free hinged ballast cover.
- Mogul base ED-28 lamp included with pulse-rated porcelain sockets.
- CWA type HPF ballast, starting rated at -20°F.
- TGIC thermoset polyester powder paint (white standard).



### LISTINGS

- Certified to UL 1598 for use in wet locations.
- U.S. Patent No. D444,903, 6,394,628, 7,252,415, 6,332,695, 6,525,890, and 6,454,444.

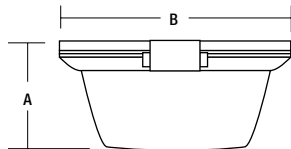


### FULL DROP LENS - UCO1

Semi-Cutoff

#### APPLICATIONS

Designed for greater light-level applications where higher visibility and station sparkle are a primary concern. The high-visibility optical assembly provides uniform, high-angle brightness to attract and welcome customers.



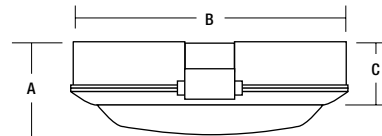
	A	B	C
<b>UCO1</b>	6 1/8" sq. 156 mm	14 1/4" 362 mm	-
<b>UCO2</b>	6" sq. 152 mm	17 1/2" 445 mm	4 1/2" 114 mm
<b>UCO3</b>	6" sq. 152 mm	17 1/2" 445 mm	3" 76 mm

### CONVEX LENS - UCO2

Cutoff

#### APPLICATIONS

The Cutoff optical assembly features an architectural low profile design and a larger optical compartment for superior illumination efficiencies. It offers the right balance of high store visibility while meeting local light trespass ordinances.

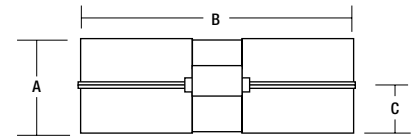


### FLAT LENS - UCO3

Full Cutoff

#### APPLICATIONS

The Full Cutoff optical assembly is designed to deliver excellent under-canopy illumination with maximum controlled distribution in restricted zoning applications. The prismatic flat lens and large optical compartment distribute light evenly.



### BALLAST ASSEMBLY - UCB SERIES

#### APPLICATIONS

Ballast assembly used in conjunction with UCO1, UCO2 or UCO3 optical units. All three optics work with the same ballast assembly. As a result, the optical assemblies can be changed as lighting goals or requirements change.

NOTE: Not suitable for double deck canopy or enclosed ceiling applications.

#### SPECIFICATIONS

- Die cast aluminum construction
- Tool-free, hinged ballast cover
- Silicone gasketing seals ballast assembly and optical assembly with canopy
- Two 1/2" conduit holes for thru-wiring

#### LISTINGS

- UL 1598 listed and CSA approved for outdoor use in wet locations

#### UCB BALLAST UNIT

**BALLAST UNIT SPECS**  
14"D X 7.5"W X 5"H



## ORDERING INFORMATION

### ORDERING EXAMPLE

**UCL - 2 - 320 - P - 8 - DB**

Series                      Optics                      Source/Wattage                      Ballast Type                      Voltage                      Options

#### SERIES - UNDER CANOPY

**UCL** Deep Drop Lens

#### OPTICS

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**2** UCO2 Optics - sag glass

**3** UCO3 Optics - flat glass

#### SOURCE/WATTAGE

**100** 100w (ED-28)

**150** 150w (ED-28)

**175** 175w (ED-28)

**250** 250w (ED-28)

**320** 320w (ED-28)

**350** 350w (ED-28)

**400** 400w (ED-28)

#### BALLAST TYPE

**P** Pulse Start Metal Halide

#### VOLTAGE

**5** 480V

**6<sup>1</sup>** Tri-Tap 120/277/347V

**8<sup>1</sup>** Quad-Tap® 120/208/240/277V

**E<sup>1</sup>** 220/240V 50Hz

#### OPTIONS

**F1** Fuse 120V

**F2** Fuse 208V

**F3** Fuse 240V

**F4** Fuse 277V

**F5** Fuse 480V

**F6** Fuse 347V

**BL** Black optical assembly

**DB** Bronze optical assembly

**R** Two 15/34" rails for canopy support

<sup>1</sup> Factory wired for highest voltage unless specified.

NOTE: Due to our ongoing improvement program, specifications and design are subject to change without notice.

#### ACCESSORIES

(order as separate part #)

Catalog Number	Description
<b>UCK-1</b>	Two Support Rails for weak canopies or below installations in roofed, double deck canopies
<b>UCL-HS</b>	Internal House-side Shield: order 1 each for 190° or 2 each for 290° or 360° shielding (UCO1 optic only)
<b>UCL-LC</b>	ED-28 Lamp Changer with three 5-foot pole sections
<b>UCL-CP</b>	23" Square Cover Panel (white)
<b>UCO1</b>	White Replacement Optical Assembly (add <b>BZ</b> for bronze or <b>B</b> for black)
<b>UCO2</b>	White Replacement Optical Assembly (add <b>BZ</b> for bronze or <b>B</b> for black)
<b>UCO3</b>	White Replacement Optical Assembly (add <b>BZ</b> for bronze or <b>B</b> for black)
<b>UCL-template</b>	Installation Template (one provided free of charge per project) (non-UCT retrofit installations)

Note: U.S. Patent No. 6,354,717, D477,104, and D481,822

## PHOTOMETRIC REPORTS

Catalog Number	Report #
UCL-400PX	<b>HP08479.IES</b>
UCL-320PX	<b>HP08246.IES</b>

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Outdoor Lighting

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