

# TEAR DROP LED II

## PENDANT ROADWAY LUMINAIRE

The Tear Drop LED II expands Holophane's leadership within the market for period-styled luminaires serving urban applications with higher mounting heights. The offering spans a wide range of lumen packages while keeping with a traditional teardrop day-form. Built on breakthrough LEDs and precision-engineered glass optics, the Tear Drop LED II provides exceptional illumination for roadway applications while saving energy, and reducing maintenance cost.



### KEY BENEFITS

#### 60% more energy efficient than comparable HID luminaires

- + 7,000 thru 24,660 lumens – 60 thru 240 watts can replace 100-400W HPS
- + Exceptional efficacy with up to 120 delivered lumens per watt

#### A variety of day-forms available

- + Sleek attractive dayform in either "Memphis" or "Esplanade" housings
- + Borosilicate optics in "Teardrop", "Bowl", or "Sag" for styling options, high durability, and reduced dirt depreciation
- + Available with optional uplight to enhance cityscapes
- + Weight = 60 lbs. for standard, 69 lbs. for uplight, EPA = 2.37 sq. ft.

#### Leading edge optics and "white light" improve visibility

- + 3000K, 4000K CCT & 5000K CCT available as standard, with 70 CRI minimum
- + Types III & V distributions in Bowl and Sag optics. Type III distribution in Teardrop optic

#### Longevity with low maintenance make it the ultimate sustainable solution

- + L70 & driver life > 100,000 hours, IP66 rated construction, ANSI C136 10kV/5kA "Enhanced" surge protection, 5000 hour rated salt spray finish
- + Certified OEM retrofit kit available to efficiently upgrade most existing Holophane HID Teardrop luminaires to LED

#### Increased controls capabilities available for increased flexibility

- + Support of 3, 5, or 7 pin ANSI photocontrol receptacles
- + Factory programmable drivers to tailor performance to customer specification
- + Part Night Dimming reduces energy usage in off-peak hours
- + Adjustable Output module for design flexibility

#### Acuity's complete line of controls

- + DLL 20-year life photocontrol
- + Wireless remote adaptive lighting control as well as fixture monitoring

LED Package	Description	Lumens	System Watts	LPW	L70 @25°C	Driver Life @25°C
P10S	3 COBs Downlight Design	7,450	57	131	>100K hours	>100K hours
P10U	3 COBs Downlight & 1 COB Uplight Design	9,270	75	124	>100K hours	>100K hours
P20S	3 COBs Downlight Design	10,300	83	124	>100K hours	>100K hours
P20U	3 COBs Downlight & 1 COB Uplight Design	12,380	109	114	>100K hours	>100K hours
P30S	3 COBs Downlight Design	13,550	118	115	>100K hours	>100K hours
P35S	3 COBs Downlight Design	15,370	144	107	>100K hours	>100K hours
P40S	5 COBs Downlight Design	16,780	140	120	>100K hours	>100K hours
P50S	5 COBs Downlight Design	20,070	174	115	>100K hours	>100K hours
P60S	5 COBs Downlight Design	24,660	242	102	>100K hours	>70K hours

# ORDERING INFORMATION

| DECORATIVE

| Tear Drop LED II

## PREFERRED SELECTIONS:

### Most Frequently Ordered Catalog Numbers

<b>MPL2</b>	<b>P10S</b>	<b>40K</b>	<b>AS</b>	<b>BK</b>	<b>TG</b>	<b>3</b>	<b>S</b>	<b>R</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>HOUSING STYLE</b>	<b>LED PACKAGE</b>	<b>COLOR TEMPERATURE</b>	<b>VOLTAGE</b>	<b>HOUSING COLOR</b>	<b>DOOR/Glass</b>	<b>OPTICS</b>	<b>MOUNTING</b>	<b>OPTIONS</b>
ESL2 or MPL2	P10S P10U P20S P20U P30S P35S P40S P50S P60S	27K 30K 40K 50K	AS AH	BK DB	TG SG BG	3 5	P S	R

### CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)

STEP 1: HOUSING STYLE	
<b>ESL2 or MPL2</b>	Esplanade or Memphis Style Housings
STEP 2: LED PACKAGE	
<b>P10S</b>	3 COBs Downlight
<b>P10U</b>	3 COBs Downlight & 1 COB Uplight
<b>P20S</b>	3 COBs Downlight
<b>P20U</b>	3 COBs Downlight & 1 COB Uplight
<b>P30S</b>	3 COBs Downlight
<b>P35S</b>	3 COBs Downlight
<b>P40S</b>	5 COBs Downlight
<b>P50S</b>	5 COBs Downlight
<b>P60S</b>	5 COBs Downlight
STEP 3: COLOR TEMPERATURE	
<b>27K</b>	2700K CCT
<b>30K</b>	3000K CCT
<b>40K</b>	4000K CCT
<b>50K</b>	5000K CCT
STEP 4: VOLTAGE	
<b>AS</b>	Auto-sensing Voltage (120 thru 277V) 50/60 Hz
<b>AH</b>	Auto-sensing Voltage (347 thru 480V) 50/60 Hz

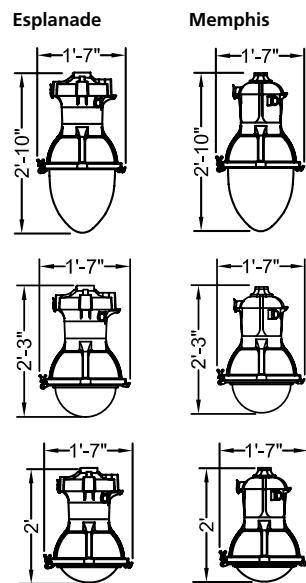
Please refer to the latest specification sheet for more detailed information and restrictions to option combinations.



STEP 5: HOUSING COLOR	
<b>BK</b>	Black
<b>DB</b>	Dark Blue
<b>GR</b>	Grey
<b>GH</b>	Graphite
<b>GN</b>	Green
<b>PP</b>	Prime Paint
<b>SL</b>	Silver
<b>WH</b>	White
<b>BZ</b>	Bronze
<b>CMC</b>	As Specified, CMC = Custom Match Color Finish. Handled through Custom BOM Group
<b>TDC</b>	As Specified, TDC = RAL Color. Handled through Custom BOM Group
<b>XX</b>	Standard Finish to be Determined. Handled through Custom BOM Group
STEP 6: DOOR/Glass	
<b>TG</b>	Teardrop Glass and Door
<b>SG</b>	Sag (Shallow) Glass and Door
<b>BG</b>	Bowl Glass and Door
STEP 7: OPTICS	
<b>3</b>	Assymmetric Distribution
<b>5</b>	Symmetric Distribution
STEP 8: MOUNTING	
<b>P</b>	Threaded Top Opening – 1.50" NPT
<b>S</b>	Quick Lock Stem Mount

STEP 9: OPTIONS	
<b>R</b>	NEMA Twistlock Photocontrol Receptacle (3-pin)
<b>NR</b>	No Photocontrol Receptacle
<b>PSC</b>	Shorting Cap
<b>P5</b>	5-pin Photocontrol Receptacle
<b>P7</b>	7-pin Photocontrol Receptacle
<b>PND</b>	0-10V Part-night Dimming; Includes NEMA Twistlock Photocontrol
<b>AO</b>	Field Adjustable Output
<b>PCS</b>	DTL Twistlock Photocontrol for Solid-state Lighting 120-277V
<b>PCLL</b>	Extended Life Option with AS (120-277V Only)
<b>P34</b>	DTL Twistlock Photocontrol 347V
<b>P48</b>	DTL Twistlock Photocontrol 480V
<b>DE</b>	ROAM Concierge Dimming Control
<b>DS</b>	30 inch Diameter. Deep Skirt for Cutoff Requirement
<b>SS</b>	30 inch Diameter. Shallow Skirt for Cutoff Requirement
<b>FPDxx</b>	Factory Programmed Driver to Percentage of Specified Drive Current
<b>L1H</b>	1.5 ft. Prewired Leads
<b>L03</b>	3 ft. Prewired Leads
<b>L10</b>	10 ft. Prewired Leads
<b>L20</b>	20 ft. Prewired Leads
<b>L25</b>	25 ft. Prewired Leads
<b>L30</b>	30 ft. Prewired Leads
<b>L35</b>	35 ft. Prewired Leads
<b>NL2x2</b>	2" x 2" NEMA Label
<b>NL3x3</b>	3" x 3" NEMA Wattage Label

STEP 10: ACCESSORIES	
<b>LT3HSS90</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 90 Degrees
<b>LT3HSS120</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 120 Degrees
<b>LT3HSS180</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 180 Degrees
<b>LT5HSS90</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 90 Degrees
<b>LT5HSS120</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 120 Degrees
<b>LT5HSS180</b>	Large Teardrop/Bowl/Sag Glass House Side Shield 180 Degrees



**Note:**  
IP66 rated light engine

