

# Lumination™ LED Luminaires

## LED Lumination™ Pendant Suspended LPS Series



Shown with  
MoonGlow™  
Acrylic refractor  
accessory

Project name \_\_\_\_\_

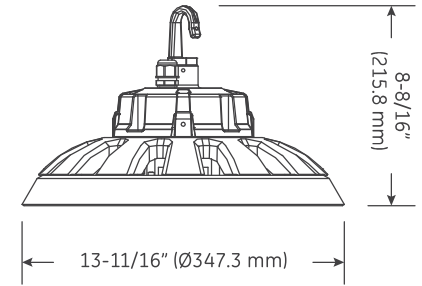
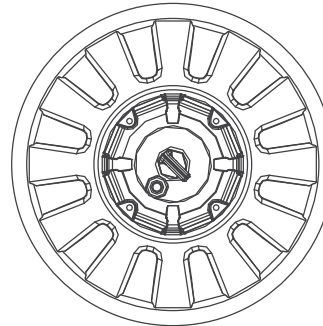
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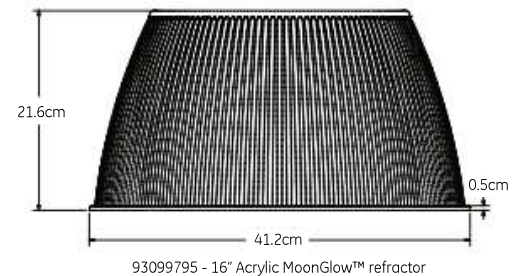
### Product Description:

GE's Lumination™ LED Pendant Suspended Series is designed to deliver efficient lighting for commercial and retail applications. LPS fixtures are IP 65 rated and available with 3-13% uplight with use of refractor and conical drop lens accessories. These exceptionally energy proficient lighting fixtures have a long life and deliver a remarkable qualified lumens per watt allowing for lower maintenance and operating costs. Choose from several lumen, CRI, and CCT options in addition to refractor and lens accessories. The LPS Series is easy to install - great for commercial, retail, grocery, and gymnasium applications. See last page for uplight percentage per configuration.

### Product Dimensions:



LPS with MoonGlow Acrylic refractor and Conical Drop Lens



### Performance Summary:

**Delivered Lumen Output:** 9000-22000 lumens

**Input Voltage:** 120-277V

**System Input Power:** 65-160 watts

**Efficacy:** Up to 141 LPW

**CRI:** 80 CRI

**CCT:** 3500K/4000K/5000K

**Projected L90:** > 57,000 Life Hours

**Limited Warranty:** 5 Years

**IP Rating:** IP65

**Impact Rating:** IK03

**Vibration Rating:** 2G for hook & pendant mount

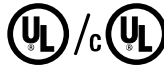
**Wet Rated:** Yes, IP65 UL 1598

**Spacing:** 1.5

**Weight:** 4.0kg (8.8lbs)

**Temperature Rating:** -20°C to +50° C

Certified by: **\*Wet rated,  
IP65, UL1598**



Please refer to the DLC QPL website for the latest and most complete information.  
[www.designlights.org/QPL](http://www.designlights.org/QPL)

Please contact the Fixture Technical Support team for technical questions.  
[lightingprodinfo@ge.com](mailto:lightingprodinfo@ge.com) or  
1-888-694-3533, Option #2

### Ordering Information:

**LPS** **0** **8** **V** **RI** **WHITE**

FAMILY	VOLTAGE	NOMINAL LUMENS	DISTRIBUTION	CRI	CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LPS = Lumination Pendant Suspended	0 = 120-277V	09 = 9,000 lumens 12 = 12,000 lumens 18 = 18,000 lumens 22 = 22,000 lumens	06 = 60° 10 = 100°* *Note: 1.5 spacing criteria	8 = 80 CRI	35 = 3500K 40 = 4000K 50 = 5000K	V = 0-10V Dimming	RI = Hook mount, 10' cord *SJOW 18-AWG 3-cond cord. Hook/fixture fitting thread is 1/2". To pendant mount see installation guide pg. 4 for options with 3/4" NPT	WHITE = White	(blank) = None A = Expedited shipping* *Contact pricing for adder

#### ACCESSORIES - FIELD INSTALLABLE

93099795 = 16" Highbay MoonGlow™ Acrylic refractor
93083042 = 16" Acrylic Conical drop lens, must order with 93099795 for complete assembly
93099239 = Safety tether, 28 in. (70cm) length
93099238 = U-Bracket wall mount, dimensions on pg. 2
93118016 = 16" wire guard, used with Refractor (93099795)

#### QUICKSHIP FIXTURES

SKU#	CATALOG LOGIC	DESCRIPTION
93099218	LPS00910840VRIWWHITE	120-277V, 9000 lumen, 80CRI, 4000K, 100deg, 0-10V
93099224	LPS01210840VRIWWHITE	120-277V, 12000 lumen, 80CRI, 4000K, 100deg, 0-10V
93099230	LPS01810840VRIWWHITE	120-277V, 18000 lumen, 80CRI, 4000K, 100deg, 0-10V
93099236	LPS02210840VRIWWHITE	120-277V, 22000 lumen, 80CRI, 4000K, 100deg, 0-10V
93099231	LPS01810850VRIWWHITE	120-277V, 18000 lumen, 80CRI, 5000K, 100deg, 0-10V

TYPICAL INITIAL LUMENS 5000K, 80 CRI	TYPICAL SYSTEM WATTS 120-277V	LPW
09 = 9,000 lumens	65	138
12 = 12,000 lumens	85	141
18 = 18,000 lumens	130	138
22 = 22,000 lumens	160	138

#### MULTIPLIERS:

Lumen Multiplier = 0.95 for CCT = 3500K  
Lumen Multiplier = 0.98 for CCT = 4000K  
Lumen Multiplier = 0.95 for 60deg distribution  
Lumen Multiplier = 0.98 for Acrylic Refractor  
Lumen Multiplier = 0.93 for Acrylic Refractor and Conical Drop Lens

**current**  
powered by GE



# Typical Specification: Lumination™ LPS Series

## LED & Optical Assembly

**CRI:** 80 CRI

**IES TM-21 Calculation at 25C:**

Projected L90: > 57,000 Life Hours

**IES TM-21 Calculation at 47C:**

Projected L70: > 61,000 Life Hours

## Electrical

**Input Voltage:** 120-277V

**Input Frequency:** 50/60Hz

**System Power Factor (PF):** >0.9\*

**Total Harmonic Distortion (THD):** <20%\*

**LED Driver Type:** Class 1 programmable

\* PF and THD may vary with options

## Ratings & Evaluations

**Operating Temperature:** -20°C to +50°C

**Storage Temperature:** -40°C to +70°C

**Surge Protection:** ANSI C82.77 Compliant

**Location:** IP65 - Indoor & Industrial application

**Safety:** UL/cUL Listed (UL) (UL) UL 1598

**Environmental:** RoHS compliant

**Utility:** DLC™ Qualified Product Listed

## Construction & Finish

**Housing:** Die cast aluminum heatsink

**Lensing:** Acrylic Lens

**Paint:** Custom colors available

**Weight:**

4.0kg (8.8lbs) for all fixtures

## Mounting

**Hook mount** - for chain or ring mount

**Pendant** - field install with 1/2" NPT thread, see installation guide, pg. 4 for fittings for 3/4"

**U-bracket** - field installable accessory

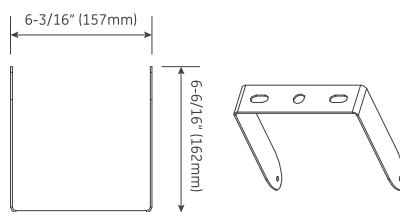
## Design Life & Warranty

**System Warranty:** 5 Year limited warranty

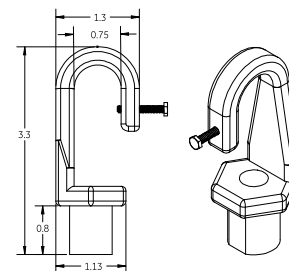
For more information and access to all of our resources, including our design tool visit:

[www.products.currentbyge.com](http://www.products.currentbyge.com)

## U-Bracket & Hook Product Dimensions:



93099239 accessory - screws for attaching to fixture included.



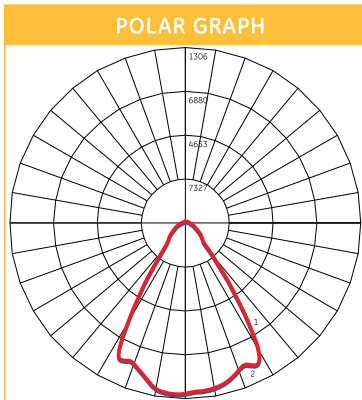
Hook included with all fixtures, comes with safety screw.

## GE Lumination™ LPS Series Conversion Chart

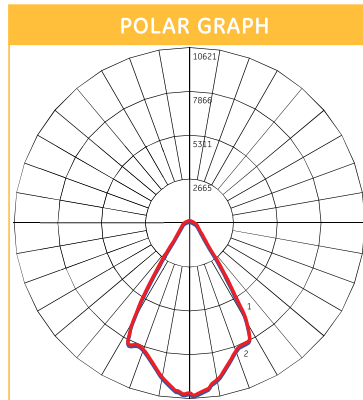
Based on initial lumens

Traditional Lamp		GE Lumination™ LPS Series @ 120-277V	
High Bay 175W HID 200W Input	67% Energy Savings	9000 Lumens 65W	Lifetime Savings \$675
High Bay 250W HID 290W Input	71% Energy Savings	12000 Lumens 85W	Lifetime Savings \$1,025
High Bay 400W HID 460W Input	72% Energy Savings	18000 Lumens 130W	Lifetime Savings \$1,650

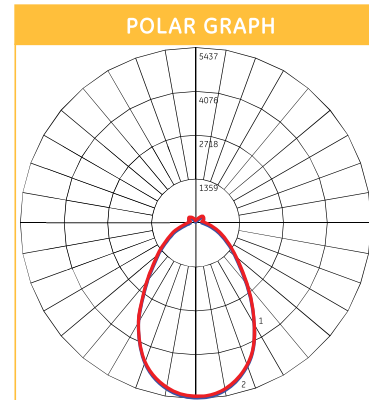
# Photometric Data: Lumination™ LPS Series



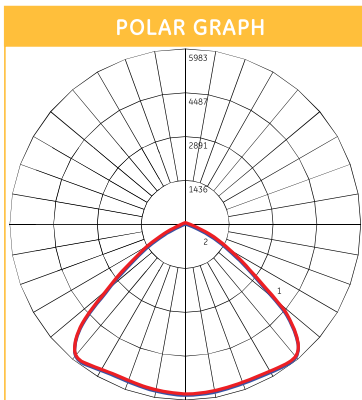
LPS-0-xx-06-8-xx-V-RI-WHITE  
60° optical distribution, no uplight



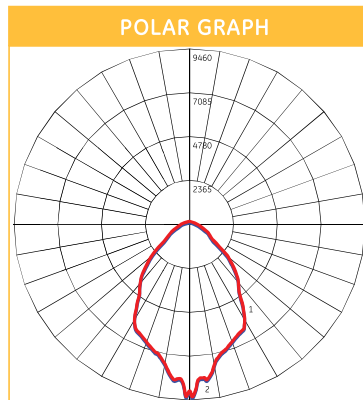
LPS-0-xx-06-8-xx-V-RI-WHITE + refractor  
60° optical distribution, **3% uplight**



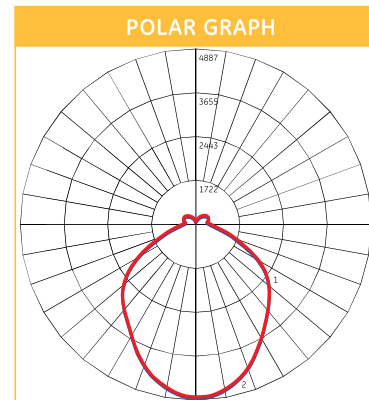
LPS-0-xx-06-8-xx-V-RI-WHITE + refractor + lens  
60° optical distribution, **11% uplight**



LPS-0-xx-10-8-xx-V-RI-WHITE  
100° optical distribution, no uplight



LPS-0-xx-10-8-xx-V-RI-WHITE + refractor  
100° optical distribution, **5% uplight**



LPS-0-xx-10-8-xx-V-RI-WHITE + refractor + lens  
100° optical distribution, **13% uplight**