# LEDH-SR8-G2 Series
120-277 VAC, 8" LED Ceiling, Wall and Pendant Mount Cylinders

## 8" LED Cylinder

**Buy American Act COMPLIANT**

**Dimmable**



11-9/16"
(293.4mm)

8-7/8"
(225.4mm)

3-3/8"
(85.8mm)

4-1/4"
(107.7mm)
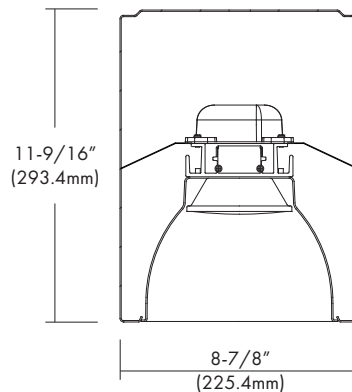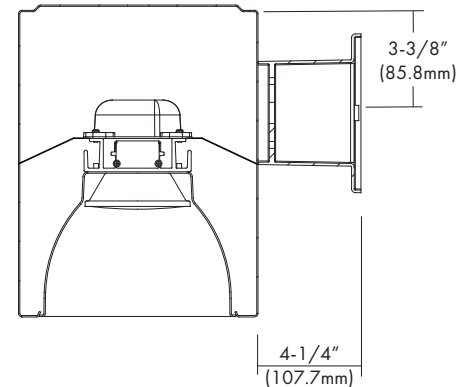
[Ceiling Mount : LEDH-SR8C]     [Wall Mount : LEDH-SR8W]

## DESCRIPTION

The LEDH-SR8-G2 Series 8" Surface Mount Cylinders come in three versions: Ceiling "C", Wall "W" and Pendant "P". The fixtures are offered in 10W, 14W, 22W, 30W and 44W  LED, COB modules plus State-of-the-Art universal drivers with Triac, ELV or 0-10V dimming.

## DESIGN FEATURES

### LED Module
- Durable extruded aluminum heat sink is integrated with the LED COB (chip on board).
- Inner reflector enables even distribution with excellent uniformity.

### Reflector
- Anodized haze clear and White painted finishes. Optional Baffle style reflectors are also available. Contact factory for other finishes.

### Housing
- Round, 060" thick spun aluminum housing available in semi-matte White, Black, Bronze and Silver.

### Heat Sink
- Extruded  Aluminum Heat Sink computer designed for superior thermal management to ensure constant light output, color and life of solid state engine components.

### LED Power Supply Driver
- Universal, 120~277 VAC input, high efficiency dimming drivers with ① Triac/ELV dimmer switches or ② Triac/ELV/0-10V dimmer switches.
- Drivers feature power factor >.90, THD <20% with integral thermal protection to sense over temperature or electrical issues.
- Driver mounts externally to the LED module for thermal isolation and allows for easy maintenance if needed.
- Optional Lutron Hi-lume 1%, LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1%. (Contact factory for dimming system requirements)

### Wall Bracket (LEDH-SR8W)
- Cast aluminum bracket easily secures to housing's cross-bar with set screws.

### Limited Warranty
- LED Module & Product: 3 years

### Listing
- cCSA-us Listed

| SPECIFICATION | | | | | |
|---|---|---|---|---|---|
| Input Voltage | 120-277VAC | | | | |
| Wattage (+/-5%) | 10 W | 14W | 22W | 30W | 44W |
| Lumen (+/-5%) | 1,000 | 1,400 | 2,200 | 3,000 | 4,400 |
| Efficacy (LPW) | 100 | 100 | 100 | 100 | 100 |
| Beam Angle | 67.7˚ | 75˚ | 75.5 | 77˚ | 77˚ |
| CRI (Typical) | 80, 90 | | | | |
| CCT (Color +/-5%) | 2700K, 3000K, 3500K, 4000K | | | | |
| Dimming | Triac/ELV/0~10V/LUTRON/DALI | | | | |
| LED Module | 5 yr/50K hr | | | | |
| Environment | Indoor | | | | |

**⊙ Triac/ELV/0-10V Approved Dimmers**

**\* Lutron:**
Triac:  Skylark S-600
ELV:  NovaT NTELV-300 & 600
Diva DVELV-300P & 303P
Maestro MAELV-600
Skylark SEL-VB-300P
0-10V:  Diva DVTV
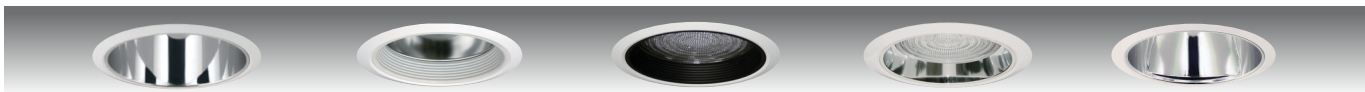Diva DVSTV-IV
CFL/LED: Diva DVCL-253P
Ariadni AYCL-253P
**\* Leviton:**
Triac:  Trimatron #705W
ELV:  IPE04-1L (ELV)
Acenti: ATE06-1LW

*\* Consult tech. service or factory for additional dimmers*

## TRIMS

*Wide beam reflector is standard. Also available in narrow beam in reflector (consult with factory).



**LEDT-R84**
Specular Open Reflector

**LEDT-R814**
Baffle w / Reflector

**LEDT-R841**
Baffle w /
Regressed Lens

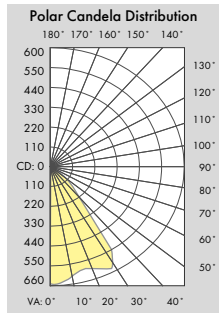**LEDT-R822**
Reflector w /
Regressed Lens

**LEDT-R836**
Wall Wash w /
Reflector Plate

*All trims are rated for damp location and regressed lens trims are wet location listed.
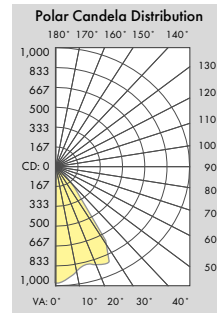*LEDT-R841 & LEDT-R822 are suitable and rated for shower location.
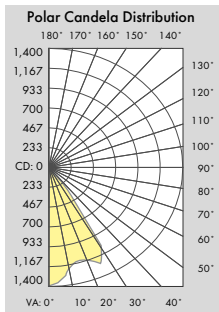
## PHOTOMETRIC REPORT

* Contact Factory for IES File

### Polar Candela Distribution



**Illuminance at a Distance**

| | Center Beam FC | Beam Width |
|---|---|---|
| 2.0ft | 163.9 fc | 3.1 ft |
| 4.0ft | 41.0 fc | 6.3 ft |
| 6.0ft | 18.2 fc | 9.4 ft |
| 8.0ft | 10.2 fc | 12.5 ft |
| 10.0ft | 6.6 fc | 15.7 ft |
| 12.0ft | 4.6 fc | 18.8 ft |

Beam Spread: 63°

[LEDH-SR8C/SR8W/SR8P-14]

### Polar Candela Distribution



**Illuminance at a Distance**

| | Center Beam FC | Beam Width |
|---|---|---|
| 2.0ft | 248.0 fc | 3.1 ft |
| 4.0ft | 62.0 fc | 6.3 ft |
| 6.0ft | 27.6 fc | 9.4 ft |
| 8.0ft | 15.5 fc | 12.5 ft |
| 10.0ft | 9.9 fc | 15.6 ft |
| 12.0ft | 6.9 fc | 18.8 ft |

Beam Spread: 63°

[LEDH-SR8C/SR8W/SR8P-23]

### Polar Candela Distribution



**Illuminance at a Distance**

| | Center Beam FC | Beam Width |
|---|---|---|
| 2.0ft | 348.8 fc | 3.2 ft |
| 4.0ft | 87.2 fc | 6.3 ft |
| 6.0ft | 38.8 fc | 9.5 ft |
| 8.0ft | 21.8 fc | 12.7 ft |
| 10.0ft | 14.0 fc | 15.8 ft |
| 12.0ft | 9.7 fc | 19.0 ft |

Beam Spread: 63°

[LEDH-SR8C/SR8W/SR8P-30]

## Ordering Information

| Model | -Pendant Style/Length | -Watts | -CRI | Color Temp.* | Driver | -Housing Finish* | Trim | - Reflector Finish** | Baffle Finish for LEDT-R814 & R841 | Reflector Collar for LEDT-R822 | Lens for LEDT-R841 & R822 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LEDH-SR8C-G2** (Ceiling Mount) | *Place Style before Length* **-** = Standard Pendant **-S** = Swivel Mount Pendant | **-10** = 10W (UZTD & UTMD Driver Only) | **-8** = 80 CRI **-9** = 90 CRI | **27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K | **UTD** = 120~277VAC, Triac/ELV Dimming (14, 22 & 30W Only) | **-WH** = White **-BK** = Black **-BZ** = Bronze **-SI** = Silver | **LEDT-R84** **LEDT-R814** **LEDT-R841** **LEDT-R822** **LEDT-R836** | **-HC** = Haze Clear **-WH** = White Painted | **-WH** = White **-BK** = Black | **-CL** = Clear | **-FR** = Fresnel |
| **LEDH-SR8W-G2** (Wall Mount) | *Pendant Lengths* **12** = 12 Inches **18** = 18 Inches **24** = 24 Inches **36** = 36 Inches **48** = 48 Inches | **-14** = 14W | | | **UZTD** = 120~277VAC, 0~10V Dimming (10, 14, 22, 30 & 44W) | | | | | | |
| **LEDH-SR8P-G2** (Pendant Mount) | *Cable and Cord Lengths* **-C32** = 32 Inches **-C58** = 58 Inches **-C108** = 108 Inches **-C128** = 128 Inches | **-22** = 22W **-30** = 30W **-44** = 44W | | | **UTMD** = 120~277VAC, Tri-Mode (0~10V/ Triac/ELV) Dimming (10,14, 22, & 44W Only) **LDE1** = ⊙LUTRON Hi-lume 1% EcoSystem FadeToBlack **LTE** = ⊙LUTRON Hi-lume 1% 2-Wire Dimming **PEQ01** = ⊙LUTRON Hi-lume Premier 0.1% EcoSystem FadeToBlack (For 23W or less only) **UDALI** = ☐ DALI Dimming to 1% *- Option **-EM** = Emergency battery backup | | | | | | |

*Example* : **LEDH-SR8P-G2-S18-22-830UZTD-WH**

**LEDT-R84-HC**

* Consult factory for other Color Temperatures and Finishes