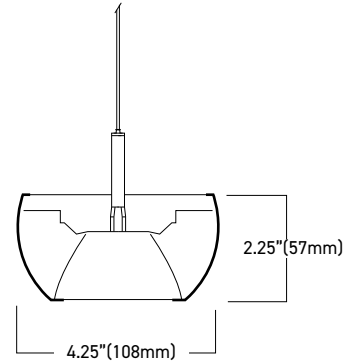


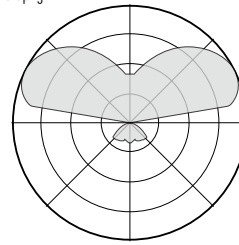


SRO SERO Bi-Direct

Linear Pendant Remote Driver



SRO
16% Downlight
84% Uplight



Light Output and Energy Consumption*

| Light Level | lm/ft | Watts/ft | Efficacy |
|-------------|--------|----------|----------|
| 08 | 855.5 | 6.5 | 132.0 |
| 11 | 1103.5 | 8.5 | 130.0 |
| 13 | 1332.8 | 10.5 | 127.0 |
| 15 | 1575.3 | 12.5 | 126.0 |
| 19 | 1907.3 | 15.5 | 123.0 |

Lumen output may vary. 3500K / 80CRI used for above results.

- Architectural linear pendant ideally suited for general illumination within office spaces, conference rooms, and schools.
- Open optical system creates an optimal direct-indirect light distribution through the precise design and alignment of LED emitters and luminaire painted reflector surfaces.
- Extruded aluminum housing with die cast aluminum end caps. Optional silver, black, custom colors, delicate straight wood grain, light black gunstock wood grain, two-tone ash gray wood grain, or ebony walnut wood grain. Wood grain finish utilizes a hydro-dipping process.
- Standard constant current electronic driver houses in separate enclosure with 0-10V dimming input; dimming range from 100% down to 1%. Optional drivers available.
- Distributed LED array in a wide variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K with a CRI of 80 or 90. Custom outputs are available. Module is replaceable. L90> 100,000 hrs. Tunable white utilizes 50% 2700K and 50% 6500K diodes with a CRI of 90.

ORDERING INFORMATION

SAMPLE NUMBER: SRO-20-08L35-1C-U-D-W-W-T1/48-4

| SRO | 20 | | | | |
|--|---------------------------------|---|--|--|---|
| SERIES | LIGHT DISTRIBUTION | LUMEN PACKAGE ¹ | CRI/ CCT | CIRCUIT ⁴ | VOLTAGE |
| SRO - Sero remote linear pendant | 20 - 16% Downlight, 84% Uplight | 08 - 856 lm/ft 11 - 1103 lm/ft 13 - 1377 lm/ft 15 - 1575 lm/ft 19 - 1908 lm/ft XX ⁷ | L30 - 80 CRI, 3000K L35 - 80 CRI, 3500K L40 - 80 CRI, 4000K H30 - 90 CRI, 3000K H35 - 90 CRI, 3500K H40 - 90 CRI, 4000K | 1C - Single Circuit 1E - Single Circuit with EM Circuit 1B5 - Single Circuit with 5W Battery Pack 1B7 - Single Circuit with 7W Battery Pack 1B10 - Single Circuit with 10W Battery Pack 1B12 - Single Circuit with 12W Battery Pack CEC - CEC Compliant (10W Battery Pack) | U - Universal 1 - 120 volt 2 - 277 volt |
| Notes: 1. Nominal lumen output for 3500K, 80CRI 2. Consult factory for custom lumen package 3. Consult factory for more information and additional options 4. Consult factory for specifications and custom dimming options. See page 2 for additional information 5. See page 3-4 for additional information. Option GP not available with battery 6. GP driver enclosure is only available with 15 or 19 Lumens Per Foot if being installed in new construction. 7. Specify run length in 2' increments 8. Specify 1 - 120 volt or 2 - 277 volt | | | | | |

| DRIVER ⁵ | LUMINAIRE FINISH | CANOPY FINISH | DRIVER ENCLOSURE / SUSPENSION LENGTH (IN INCHES) | LENGTH | OPTIONS |
|---|---|--|--|---|--|
| Dimming 0-10v D - Dims to 1% (Standard) DO - Dims to 1%, fade to off D02 - Eldoed Solodrive, dims to 0% | DALI Dimming ELE - Eldoed Ecodrive, dims to 1% ELS - Eldoed Solodrive, dims to 0% Lutron Dimming L12 - Lutron HiLume™ 2-Wire 120V Forward Phase, dims to 1% L15 - Lutron HiLume™ H-Series, dims to 1% L16 - Lutron HiLume™ 5-Series, dims to 5% | W - White (Standard) S - Silver B - Black CC - Custom Color ST - Delicate Straight Wood Grain BG - Light Black Gunstock Wood Grain AG - Two-Tone Ash Gray Wood Grain EW - Ebony Walnut Wood Grain | W - White (Standard) B - Black Grid Ceiling Plenum Enclosure T1 / 48 T1 / 120 T9 / 48 T9 / 120 TS / 48 TS / 120 | Inaccessible / Grid Ceiling Enclosure GP ⁶ / 48 GP ⁶ / 120 Surface Enclosure SR / 48 SR / 120 SR-BAT / 48 SR-BAT / 120 | 2 - 2 ft 4 - 4 ft 6 - 6 ft 8 - 8 ft XX ⁷ - XX ft N - Nightlight GTD ⁸ - Remote generator transfer device ETS ⁸ - Remote electronic transfer switch GLR - Remote fusing CP - Chicago plenum |

PHOTOMETRICS

SRO

BI-DIRECT DISTRIBUTION

Cat # SRO-20-08L35-1C-U-D-W-W-T1/48-4

ITL Test #: ITL 90440

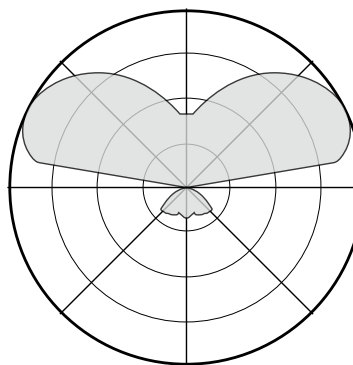
Total Delivered Lumens: 3422

Input Watts: 26

Efficacy: 132 lm/W

16% Downlight

84% Uplight



Luminance Data (CD/SQ.M)

| Angle in Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 2297 | 2751 | 3312 |
| 55 | 2470 | 3375 | 3474 |
| 65 | 2659 | 3419 | 2972 |
| 75 | 2627 | 2810 | 2445 |
| 85 | 1625 | 1842 | 1625 |

Zonal Lumen Summary

| Zone | Lumens | %Fixt |
|--------|--------|-------|
| 0-30 | 112 | 3 |
| 0-40 | 195 | 6 |
| 0-60 | 405 | 12 |
| 0-90 | 557 | 16 |
| 90-120 | 1276 | 37 |
| 90-130 | 1781 | 52 |
| 90-150 | 2513 | 73 |
| 90-180 | 2865 | 84 |
| 0-180 | 3422 | 100 |

LIGHTING CONTROL

Nulite provides flexibility in meeting the needs of each project by easily integrating with several manufacturers for lighting control options.

0-10V: A non-directional dimming system. The control system tells the LED driver what to do and it adjusts according to the voltage on the control circuit.

DALI: Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. It allows LED drivers to be controlled independently from lighting control circuits.

TUNABLE WHITE: Aims to create lighting environments that are optimal for visual, mental, and biological health by being able to tune the color temperature of a light source. Utilizes a number of controllable channels to adjust the color temperature of the luminaire's white light output with precise varying of color temperature from a warm tone to a cool tone.

| Solution | Manufacturer | Prefix | Series | Dim Level | Quantity of Wires | Dim to Dark (Smooth) | Fade to Off |
|-----------------------|--------------|--------|------------------------------------|-----------|-----------------------------|----------------------|-------------|
| Dimming 0-10V | | | | | | | |
| D | Variable | | | 1% | 2 | | |
| D0 | Variable | | | 0% | 2 | | X |
| D02 | eldoLed | | SOLOdrive | 0% | 2 | X | |
| DALI Dimming | | | | | | | |
| ELE | eldoLed | | ECOdrive | 1% | 2 | X | |
| ELS | eldoLed | | SOLOdrive | 0% | 2 | X | |
| Tunable White | | | | | | | |
| TWW - 0-10V | Variable | | | 0% | 2 | X | |
| TWD - DALI | eldoLed | | DUALdrive | 0% | 2 | X | |
| Lutron Dimming | | | | | | | |
| L12 | Lutron | LTEA | Hi-lume™ 2-Wire 120V forward phase | 1% | No Control Wires - Uses Hot | | |
| L15 | Lutron | LDE1 | Hi-lume™ - H Series | 1% | 2 | X | |
| L16 | Lutron | LDE5 | 5-Series | 5% | 2 | | |

WOOD GRAIN FINISHES

ORDERING EXAMPLE FOR STANDARD LENGTH

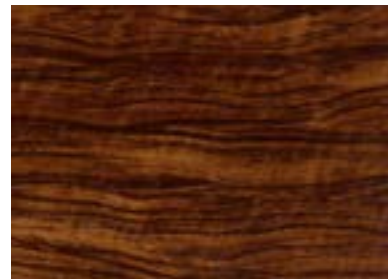
SRO-20-08L35-1C-U-D-AG-W-T1/48-4



AG - Two-tone Ash Gray Wood Grain



ST - Delicate Straight Wood Grain



BG - Light Black Gunstock Wood Grain



AG - Two-Tone Ash Gray Wood Grain

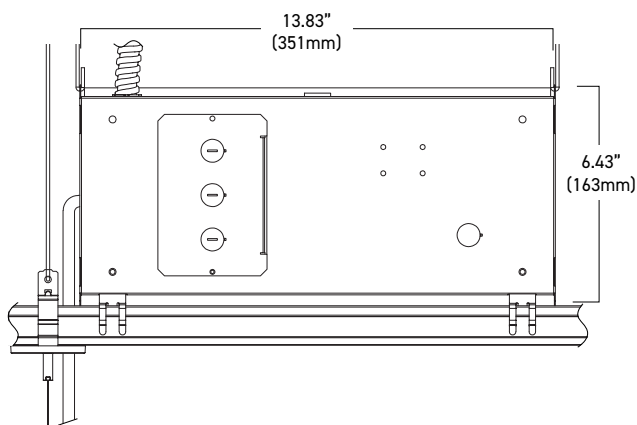


EW - Ebony Walnut Wood Grain

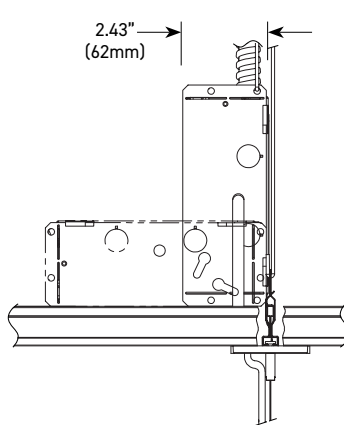
REMOTE DRIVER PENDANT INSTALLATION DETAILS

GRID CEILING PLENUM ENCLOSURE (T1, T9 OR TS)

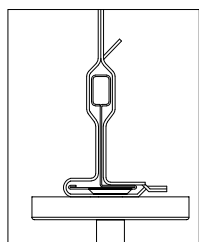
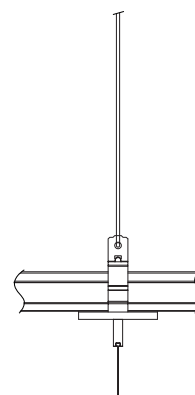
Power Feed - Side View



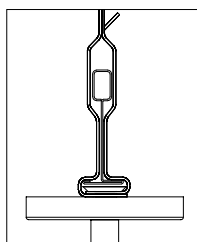
Power Feed - End View



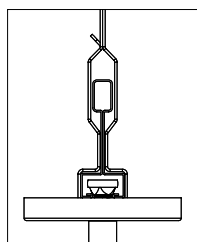
Non-Power Feed



T1
15/16" Grid



T9
9/16" Grid



TS
Slot Grid

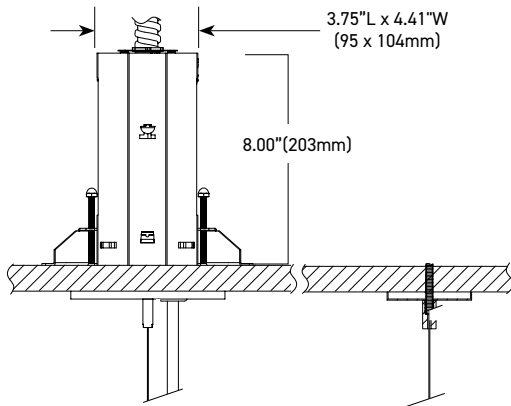
REMOTE DRIVER PENDANT INSTALLATION DETAILS (CONT.)

INACCESSIBLE CEILING / GRID CEILING ENCLOSURE (OPTION

Direct Access Suspension Enclosure for Inaccessible Ceiling

Power Feed

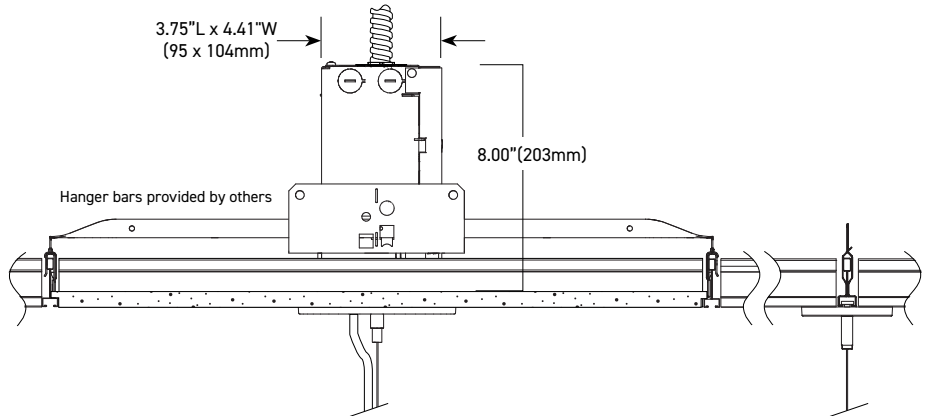
Non-Power Feed



Direct Access Suspension Enclosure for Grid Ceiling w/Hanger Bars

Power Feed

Non-Power Feed



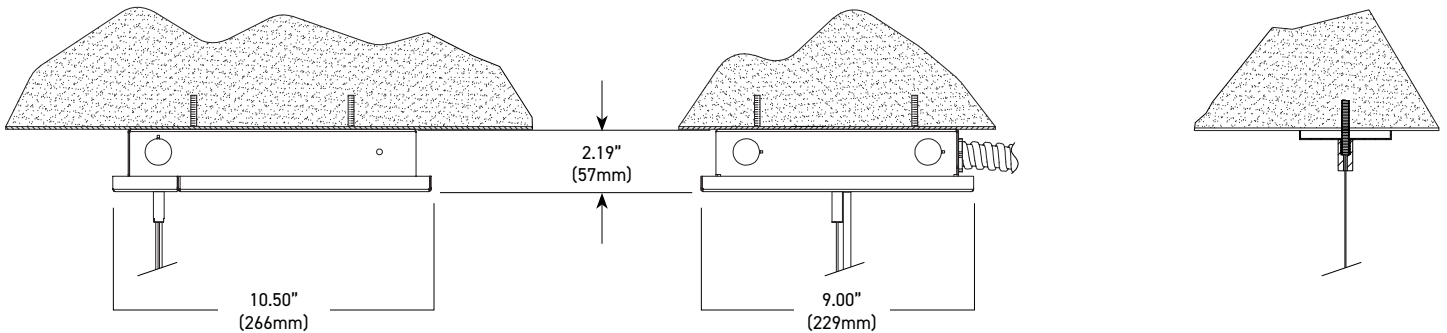
NOTE: If battery is required, contractor to supply and remote battery

SURFACE MOUNT ENCLOSURE (OPTION SR)

Power Feed - Side View

Power Feed - End View

Non-Power Feed

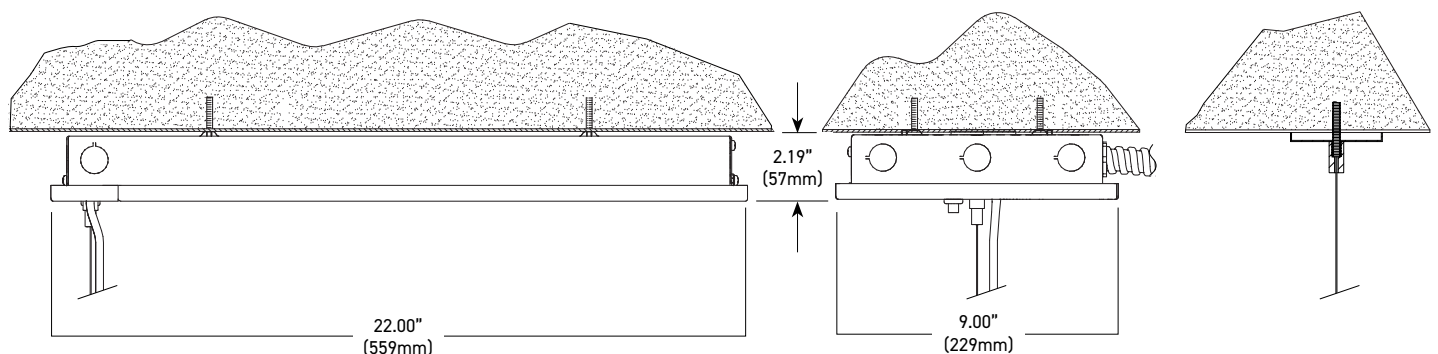


SURFACE MOUNT ENCLOSURE W/ BATTERY (OPTION SR-BAT)

Power Feed - Side View

Power Feed - End View

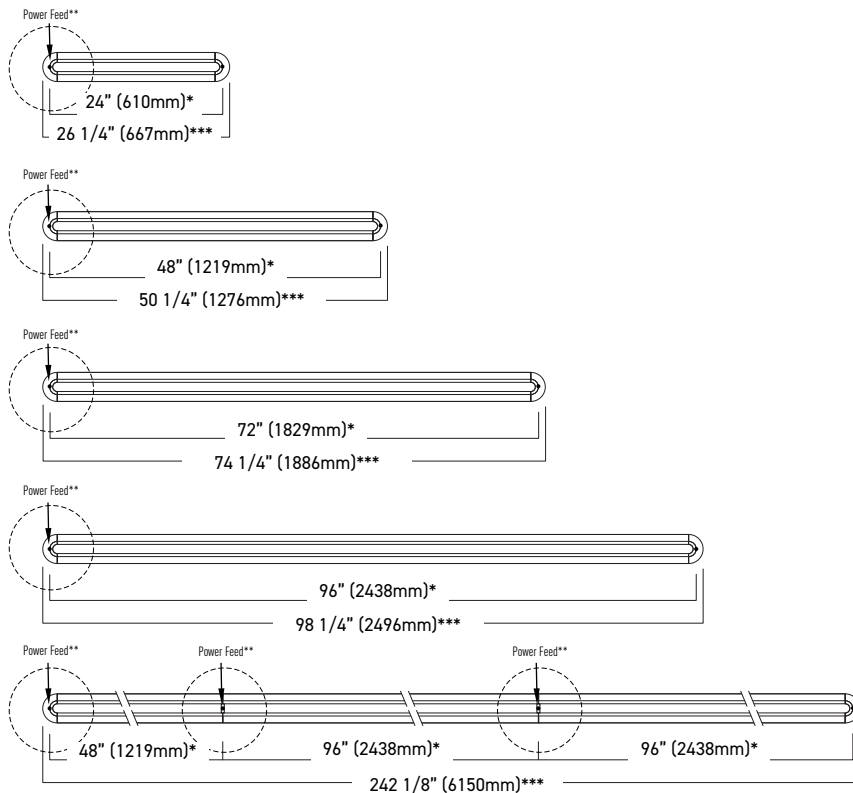
Non-Power Feed



STANDARD LENGTHS

ORDERING EXAMPLE FOR STANDARD LENGTH

SRO-20-08L35-1C-U-D-W-W-T1/48-4



*Dimensions from mounting point to mounting point

**Power cord and remote mounted driver enclosure are located at the start of each luminaire and luminaire within a row/configuration. See page 1 for specification information and page 3-4 for drawing details of the driver enclosures.

***Dimensions from end cap to end cap.

PRODUCT DETAILS

LIGHT SOURCE LED custom linear array is mounted with quick-connect wiring to facilitate service. Five lumen packages are available [08, 11, 13, 15, 19]. Custom outputs are available. All luminaire configurations tested in accordance with IESNA LM-79. Diodes tested in accordance with IESNA LM-80.

DRIVER Standard constant current remote electronic driver with 0-10V dimming input standard; dimming range from 100% down to 1%. Dims to 0%, DALI, and Tunable white available. Universal (U), 120 volt (1) and 277 volt (2).

OPTIONAL DALI Digital Addressable Lighting Interface is a simple two-wire control connection that goes to each fixture to form the control network. DALI enables dimmable transformers, relay modules, emergency fittings, and controllers from different manufacturers to be mixed and matched into a single control system, allowing LED drivers to be controlled independently from lighting control circuits.

OPTIONAL BATTERY AND EMERGENCY OPTIONS Recyclable Ni-Cad battery pack, battery run time is 90 minutes. 5W, 7W, 10W, or 12W battery packs are available. Total output is determined by exact efficacy of specified configuration multiplied by battery wattage (i.e. QUB-20-08L35 with a 10W battery pack is a 1,320 battery lumen output). Recharge time of 24 hours. Entire direct fixture housing is on battery for lengths up to 4'. Half of direct fixture is on battery for 6' - 8' lengths. Emergency circuit or night light circuit available.

SECURE TOOL-FREE JOINING DESIGN A dynamic mechanism that ensures stable positioning, no light leak, and speeds up installation for continuous rows. Constructed with zinc plated steel, 22 gauge thick.

WOOD GRAIN FINISH Hydro-dipped finish (also known as immersion printing, water transfer printing, and hydro imaging). A hydrographic film dissolves into water and leaves ink on the surface. The fixture is carefully placed on the water's surface where the surface tension of the water will allow the pattern to curve around any shape. The fixture is then allowed to dry. This is followed by another two step clear coat process to increase durability.

MOUNTING Designed to install into grid plenum (T1, T9, or TS clips), inaccessible / grid ceiling, and surface ceilings. Supplied with two 3" (76mm) power and non-power canopies. Sheet rock / grid ceiling (option GP) supplied with one 5" (127mm) power and one 3" (76mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail.

WARRANTY 5-year limited warranty on LED and driver from date of shipment. Refer to the full warranty details on www.nulite-lighting.com.

LUMINAIRE LENGTH Any length, 2-foot minimum, in increments of 2'. 8-foot maximum section length.

WEIGHT ~2 lbs/ft

APPROVALS ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2, indoor dry/damp locations.

INDEPENDENT TESTING

IESNA LM79 - Testing method for the Electrical and Photometric Measurements of Solid State Lighting on the complete system, such as luminous flux, electrical power, luminous intensity distribution, and various properties of chromaticity.

IESNA LM80 - Testing method for measuring lumen maintenance of LED light sources, applies to the LED package, array or module alone, not the complete system.