SHALO ULTRA 2
SURFACE

Lumenwerx

Shalo Ultra 2" fixtures offer high-quality illumination with remote or integral drivers. Designed for surface and recessed mounting, they work with various ceiling types and feature optic options for low-glare, visually comfortable lighting.

Remote driver

Integral driver

LOW PROFILE COLLECTION

WOOD SLAT COLLECTION

LOW GLARE COLLECTION

5 YEAR WARRANTY

SENSORS
For latest information on sensors, click here.

Grid

Drywall and hard surfaces

Wood slat

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Project: _____

_____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIB.	DRIVER LOCATION	OPTIC	LIGHT SOURCE	CRI	LUMEN PACKAGE	COLOR TEMP.
SHLU2S	**D**			**SW**			
SHLU2S - Shalo Ultra 2" Surface	**D** - Direct	**INTEGRAL**[1] - Integral driver **REMOTE**[2] - Remote driver [1] Fixture height is 2". [2] Fixture height is 1 3/16".	**SLO** - Shallow Lambertian Optic **SMPO** - Shallow Micro-Prismatic Optic	**SW** - Static white	**80CRI** - 80+ CRI **90CRI** - 90+ CRI	**250LMF** - Hypo output 250 lm/ft **350LMF** - Low output 350 lm/ft **500LMF** - Medium output 500 lm/ft **750LMF** - High output 750 lm/ft	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K

LUMINAIRE LENGTH	VOLTAGE	DRIVER		ELECTRICAL
#FT#IN - Specify nominal length (#) in 1' and/or 1" increments **Standard nominal lengths:** Single units: 2' to 8' Continuous runs: lengths over 8'	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V**[3] - 347V [3] Available with D1 or RD1 driver only.	**INTEGRAL** **D1** - 1% 0-10V **ELV**[4] - ELV 120V **TRI**[4] - TRIAC 120V **DA**[5] - DALI **LDE1**[5] - Lutron Hi-Lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V [4] Available with 120V only. [5] On-site commissioning is required. [6] A remote driver box is provided.	**REMOTE**[6] **RD1** - 1% 0-10V **RELV**[4] - ELV 120V **RTRI**[4] - TRIAC 120V **RDA**[5] - DALI **RLDE1**[5] - Lutron Hi-Lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V	**1C** - 1 circuit **#MC**[7] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD**[8,9] - Generator transfer device fixture [7] Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit. [8] Minimum 4' fixture. [9] Not available with 347V.

ELECTRICAL SECTIONS (optional)[10,11]	MOUNTING	FINISH	OPTION
#EC##[12] - Emergency-powered section **#NL##**[12] - Night light section **#DL##**[12] - Daylight section **#GTD##**[12,13,14] - Generator transfer device section **#EMB**[14,15] - Emergency battery **NA** - None [10] Specify with multi circuit (#MC) electrical option only. [11] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [12] Specify quantity (#), and section length in inches (##). [13] Minimum 4' section. [14] Not available with 347V. [15] Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section.	**CTB9** - T-bar caddy clip, 9/16" **CTB15** - T-bar caddy clip, 15/16" **CTG9** - Tegular caddy clip, 9/16" **CTG15** - Tegular caddy clip, 15/16" **CST** - Screw slot caddy clip **UNC**[16] - Universal ceiling **SLT** - Wood slat ceiling bracket [16] For drywall and hard surfaces.	**W** - Matte white **AL** - Aluminum **B** - Matte black **CF#** - Custom finish, specify RAL#	**FU120** - Fuse 120V **FU277** - Fuse 277V **NA** - None

Dimensions

INTEGRAL

2"
2"

REMOTE

1 3/16"
2"

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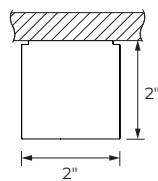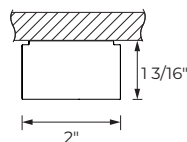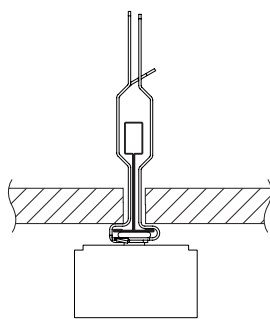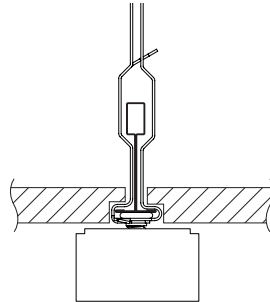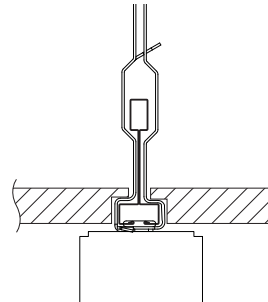
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Mounting

T-bar caddy clip

Tegular caddy clip

Screw slot caddy clip
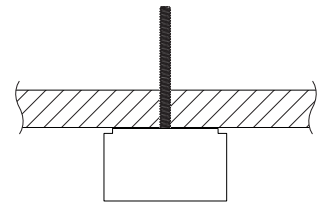
Universal ceiling
(Drywall and hard surface)

Adjustable
bracket

T-bar

backer

Adjustable
height
Integral:
from 2 1/4" to 6"
Remote:
from 1 1/4" to 6"

2 1/4" min. between slats.

Wood slat ceiling bracket

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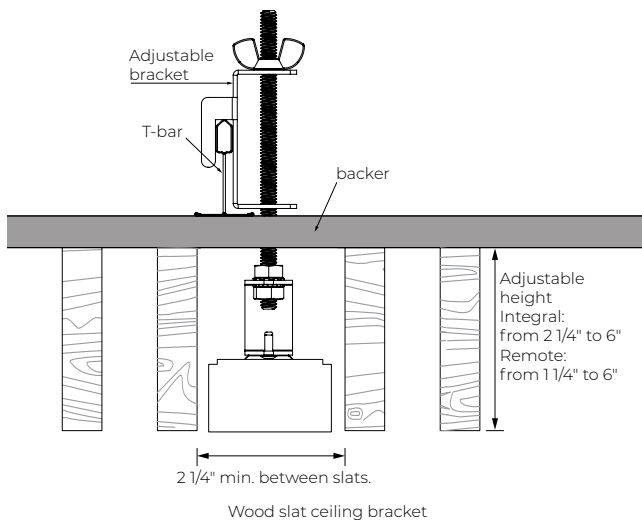
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Technical Specifications

OPTICS

Shallow Lambertian Optic (SLO)
A low-profile optic with diffusing acrylic that provides wide light distribution, with matte white reflectors enhancing LED output spread.

Shallow Micro-Prismatic Optic (SMPO)
A low-profile optic featuring a micro-prismatic lens that balances refraction and reflection, reducing glare while maintaining efficiency and uniform light distribution.

LIGHT SOURCE

Static white
Custom array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K, and 5000K with a minimum 80+ CRI and an option for 90+ CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operate at reduced drive current to optimize efficacy and lumen maintenance. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

LUMINAIRE LENGTH

Shalo Ultra is available in standard lengths of 2' to 8'. Continuous runs are available for run lengths over 8'. Exact run length must be noted in the product code. The minimum length is 2', and can be ordered in 1' and/or 1" increments. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277 VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, ELV, TRIAC, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. These must be addressed and evaluated on a case-by-case basis.

ELECTRICAL SECTION OPTIONS

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations.

Electrical sections
Options include emergency-powered (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example 1: A 32' Direct fixture with two 8' emergency-powered sections on a second circuit.
Code: 2MC-2EC96

Example 2: A 24' Direct fixture with one 4' generator transfer device section.
Code: 1MC-1GTD48

Battery
Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

MOUNTING

Fixtures can be mounted directly to T-bar, drywall and hard surface ceilings, hardware supplied by others.

FINISH

Interior: 95%, reflective matte powder coated white paint.
Exterior: Matte white, matte black or aluminum powder coating. Custom finishes are also available.

CONSTRUCTION

Housing: Extruded aluminum, up to 90% recycled content
Interior brackets: Die-formed cold rolled sheet steel
Joining system: Die-cast zinc
Reflectors: Plastic
Lens: Acrylic
End cap: Die-cast aluminum

WEIGHT

Integral: 2.5 lb/ft - 1.125 kg/ft
Remote: 1.5 lb/ft - 0.675 kg/ft

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CERTIFICATION

ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.