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Project	Date

Catalog Number	Type

L-Grid®2EH 1x1

Outdoor LED Soffit Canopy Light



CCT selectable

L-GRID

WARRANTY 10 YEAR WARRANTY

Key Features

- Energy-efficient LED 1x1 luminaire designed for covered soffit and canopy applications.
- Enhanced lighting performance with smooth, uniform illumination and reduced visible hotspots.
- Easier installation with improved adjustable mounting clips and surface-mount box.
- Low-profile design, only 3.2" high, provides flexibility for tight spaces (Type IC).

Electrical

- 120-277VAC input; 0-10V dimming available.
- System power factor >90% and THD <20%.
- Remote photocell options available for automatic dusk-to-dawn operation.
- Operating temperature: -30°C to 45°C (-22°F to 113°F)

Mounting

- Standard recessed mounting with adjustable mounting clips that help simplify positioning and secure placement.
- Surface-mount kit and new construction rough-in kit accessories available.

Construction

- .042" cold rolled steel frame helps protect internal components while improving heat dissipation.
- Corrosion-resistant white powder coat finish provides a clean appearance with added protection in covered exterior applications.
- Frosted white lens shields the LEDs while delivering uniform light distribution.
- Lightweight construction; 5.9 lbs. (2.7kg).

Optics

- Edge-to-edge illumination with no visible bright spots or pixelation.
- Type VS distribution for uniform illumination.
- Selectable CCT for field adjustment: 3000K, 3500K, 4000K, and 5000K CCT (≥80 CRI).
- Lumen Maintenance: 200,000 hours (L70) [1]

Warranty

- Backed by US LED's industry-leading Ten-Year Warranty.

Product Performance Summary

Lumen Output	Up to 4,594 lumens
Efficacy	Up to 149 LPW
CRI	≥80 CRI
Available CCT	Selectable CCT: 3000K, 3500K, 4000K, 5000K
Warranty	Ten-Year Warranty

Product Overview

The L-Grid 2EH 1x1 offers a more efficient way to light covered soffits and canopies without sacrificing performance or appearance. Its compact 1x1 design fits walkways, overhangs, and building entrances. It works well in parking garages and tight ceiling spaces where visibility and reliability matter. The luminaire provides edge-to-edge illumination without visible hotspots or pixelation. The refreshed design adds stronger construction, improved lighting performance, and selectable CCT. The adjustable clips for recessed mounting and updated accessories make installation faster. With the L-Grid 2EH 1x1, you'll improve visibility and reduce operating costs in busy areas.

Product Applications

- Building Soffits
- Building Entrances
- Building Overhangs
- Canopies/Walkways
- Security Lighting
- Parking Garages

Product Certifications

- UL Listed; Complies with UL1598 and CSA C22.2
- Suitable for Wet Locations (IP54)
- RoHS Compliant
- Type IC
- DLC Listed

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Ordering Information

Example: GTR2-11EH-SCCT-80-UNV-S

GTR2	11EH				
Series	Size	Selectable CCT	CRI	Input Voltage	Flux Level
		SCCT Selectable CCT: 3000K, 3500K, 4000K, 5000K	**80** 80 CRI	**UNV** 120-277V	**S** Standard **M** Medium

Accessories	
RIK-11	GTR2-11EH Rough-In Kit
SSMK2	GTR2-11EH Surface-Mount Kit
EK4036S	Intermatic Button Photocell (SSMK2 Application)
EK4136S	Intermatic Stem- Mount Photocell (SSMK2 Application)
FHSCP-UNV3-5W-L-SD-A	Factory-Installed Constant Power Emergency LED Driver

1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

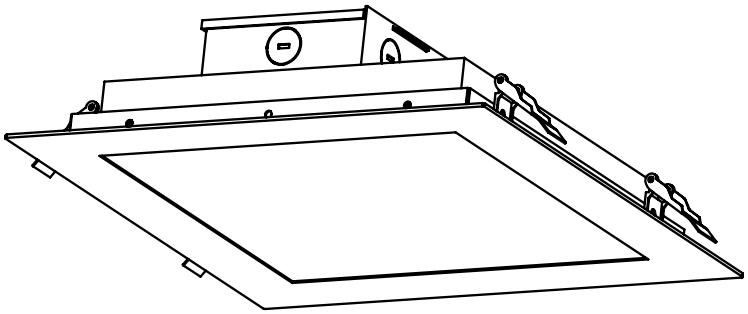
L-Grid®2EH 1x1

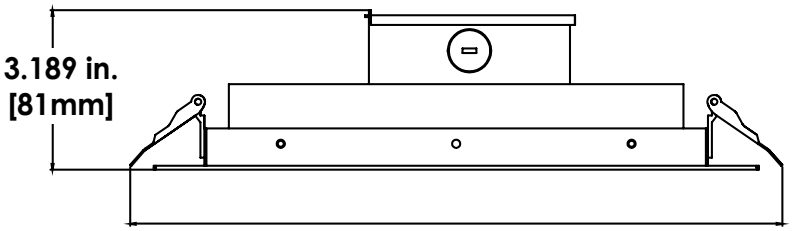
Outdoor LED Soffit Canopy Luminaire

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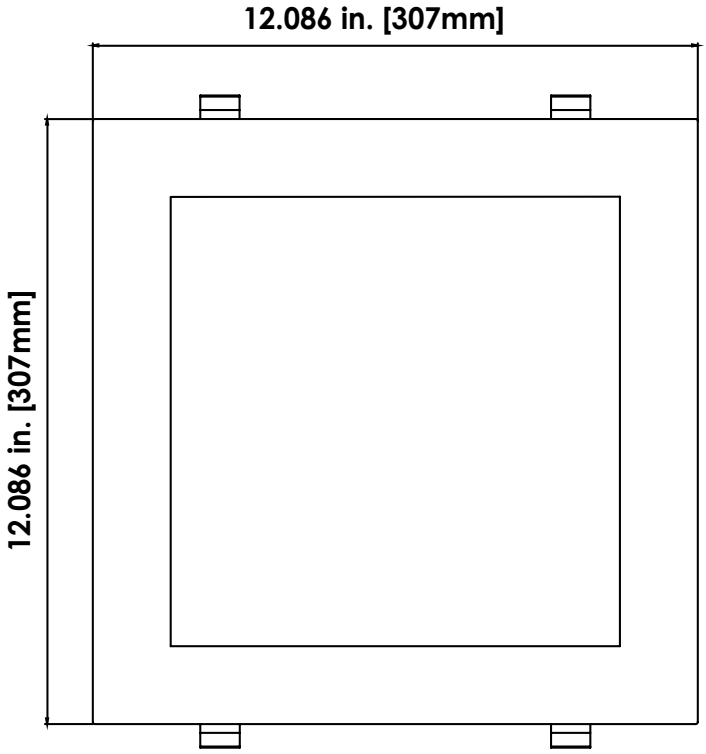
Dimensions

Net Weight	Qty. 1; 5.9 lbs. (2.7kg)
Inner Carton	13.90” x 12.32” x 4.33”
Outer Carton	14.25” x 12.68” x 4.92”





13.031 in. [331mm]



Performance Data

Model	System Level Power	CCT	Wattage	Delivered Lumens	Efficacy	BUG Rating	L70 Calculated Life
GTR2-11EH-SCCT-80-UNV-S (Standard Flux)	20W	3000K	20.4W	2,830.0	138.7 LPW	B1-U2-G1	200,000 Hours
		3500K	20.4W	2,924.0	143.3 LPW	B1-U2-G1	
		4000K	20.0W	2,975.0	148.8 LPW	B1-U2-G1	
		5000K	20.9W	3,024.0	144.7 LPW	B1-U2-G1	
GTR2-11EH-SCCT-80-UNV-M (Medium Flux)	30W	3000K	31.4W	4,328.0	137.8 LPW	B2-U2-G1	200,000 Hours
		3500K	31.9W	4,459.0	139.8 LPW	B2-U2-G1	
		4000K	31.5W	4,529.0	143.8 LPW	B2-U2-G1	
		5000K	31.0W	4,594.0	148.2 LPW	B2-U2-G1	

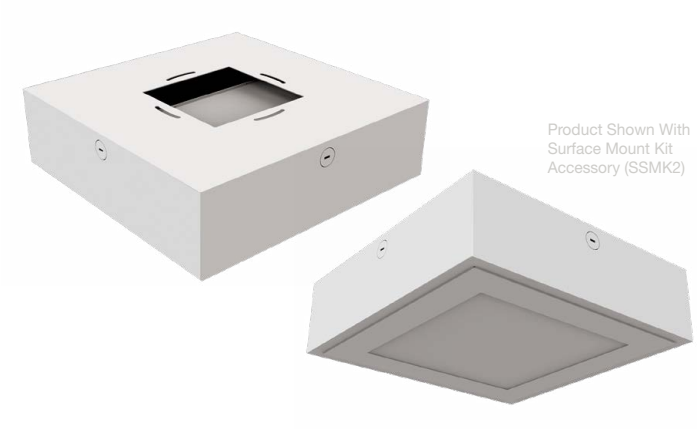
Photometric testing was conducted in accordance with IESNA LM-79 standards by an NVLAP® accredited laboratory.
For all specifications, IES files, and detailed photometric data, please visit www.usled.com.

L-Grid®2EH 1x1

Outdoor LED Soffit Canopy Luminaire

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Accessories



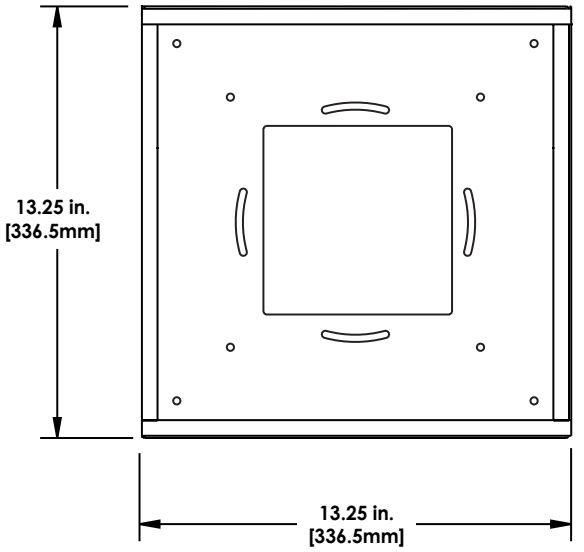
GTR2-11EH Surface-Mount Kit

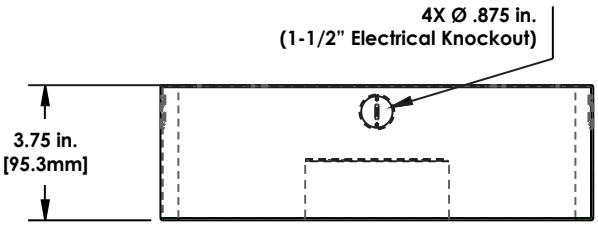
SSMK2

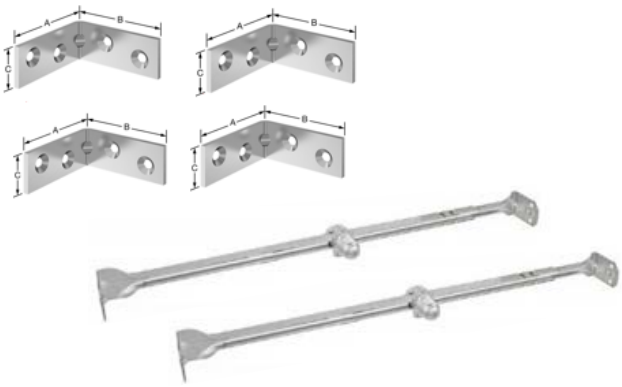
Overview

The SSMK2 surface-mount kit allows for US LED's L-Grid2EH 1x1 lighting solution to be field installed on the surface of a canopy or soffit. This surface mount kit is designed with multiple knockouts to provide flexibility for power feed.

- Sheet metal construction with white powder coat finish ensures maximum protection against potential rust from environment.
- Formed edges are smooth for safe handling while installing.
- Net Weight: 3.8 lbs; Carton Dimensions: 13.50" x 13.50" x 4.45"







GTR2-11EH Rough-In Kit

RIK-11

Overview

The RIK-11 rough-in kit provides a secure framework for positioning the L-Grid2EH 1x1 during new construction projects. It helps contractors set the fixture location and simplify final luminaire installation once the soffit or canopy is ready.

Complete assembled kit: Adjustable Hanger Bars (14-24 in.), 1.5 in. Galvanized Steel L-Brackets, and mounting hardware.



Factory-Installed 5W Constant Power Emergency LED Driver

FHSCP-UNV3-5W-L-SD-A

Overview

- Self-Diagnostic Functionality: Built-in self-testing feature (with the option to disable) ensures consistent performance monitoring and compliance with safety standards.
- Emergency Battery Disengage (EBD) Feature: Allows safe and efficient battery disconnection for extended shelf life.

Universal Voltage	100-347V, 50/60Hz
Output Voltage Range	12-55V ⎓
Output Current	417mA Max
Output Wattage	5W
Output Type	LED Class 2

L-Grid®2EH 1x1

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Accessories



Intermatic Button Photocell

EK4036S

Overview

Maximize your LED investment and save energy and maintenance costs with long-life photocontrol. Fixed mount photocontrols provide an energy-saving solution for luminaires designed with knockouts. The photocontrol can be permanently affixed onto exterior lighting installations.

- Zero-crossing electronic circuitry for extended life
- Conformal coated PCB assemblies for long term reliability
- Non-drift silicon light sensor with IR filter
- Enhanced surge protection with 255 J, 510 J, and 685 J MOV components
- Meet or exceed ANSI C136.10 C136.24 and UL/CSA requirements Fail ON setting keeps the light ON until a photocontrol can be serviced, ensuring safety and security
- Tested to full ON/OFF lifecycles under tungsten, magnetic and electronic ballast/LED driver loads
- 10 to 20-year design life



Intermatic Stem-Mount Photocell

EK4136S

Overview

Maximize your LED investment and save energy and maintenance costs with long-life photocontrol. Fixed mount photocontrols provide an energy-saving solution for luminaires designed with knockouts. The photocontrol can be permanently affixed onto exterior lighting installations.

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- Tested to full ON/OFF lifecycles under tungsten, magnetic and electronic ballast/LED driver loads
- 10 to 20-year design life