

SL02

RECESSED STEP/STAIR LIGHT SPECIFICATIONS



Job Information

Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

The SL02 is a sleek and modern lighting solution, ideal for installation in concrete walls or step structures.

Designed to blend seamlessly into both residential and commercial environments maintaining controlled, lowglare illumination. The fixture is finished in a refined dark grey for a clean, architectural look.

Standard with a 24VDC input, the SL02 can also be ordered in 100-277VAC to suit different project requirements.

A durable plastic rough-in box is included, along with two divider plates to help prevent deformation during the concrete pour process—ensuring a secure and professional installation every time.

OVERVIEW

- Stairs, pathways, and architectural wall applications
- True color - +80 color rendering index (CRI), produces outstanding illumination.
- 1-10V Dimming
- IP65 and IK10

PERFORMANCE

MODEL NAME	SL02
POWER CONSUMPTION(±10%)	1.24W/1.5W
INPUT VOLTAGE	24VDC/100-277VAC
LUMINOUS FLUX	70 Lm
DIMMING	1-10V/Triac/DALI
CCT	3000/4000K
CRI	+80
LENS	UV Stop & Fire Proof PC Lens
POWER CABLE	H05RN-F 2×1.0mm ² , L=0.5m(12V/24V) H05RN-F 3×1.0mm ² , L=0.5m(240V)
MOUNTING OPTION	Recessed
TYPE	Wall/Stairs Light
MATERIAL	Die Casting Aluminum
FINISH	Powder Coating
FIXTURE COLOR	Dark Gray/ Silver Gray/ Sanded Black
IP RATING	IP65
IK RATING	IK10
APPLICATIONS	Outdoor/Landscape/Perimeter
OPERATION TEMPERATURE	-20°C TO + 40°C(-4°F TO 104°F)
CERTIFICATIONS	cETL Listed
WARRANTY	5 Years
LIFE TIME OF LED @TA=25°C	50000 HRS, L80



SPECIFICATIONS

■ OPTICS

The fixture is equipped with a UV stop and fire proof PC lens that provides smooth, glare-controlled illumination with high visual comfort.

■ ELECTRICAL

Voltage: 24VDC /100-277 VAC

■ ENVIRONMENT & CERTIFICATIONS

cETL listed for wet locations

■ WARRANTY

5 years limited warranty

■ MOUNTING

Recessed installation

■ FINISH

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

■ HOUSING MATERIAL

Die-cast aluminum housing ensures durability and efficiency, with heat resistance polycarbonate lens.

■ LED SYSTEM

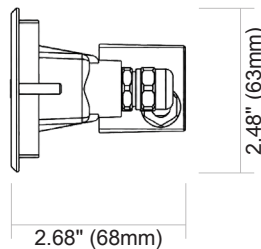
CRI With +80 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in 3000K, 4000K with excellent color consistency.

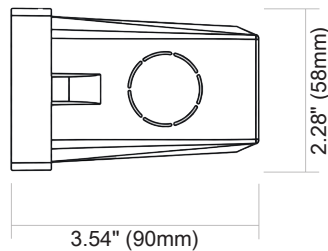
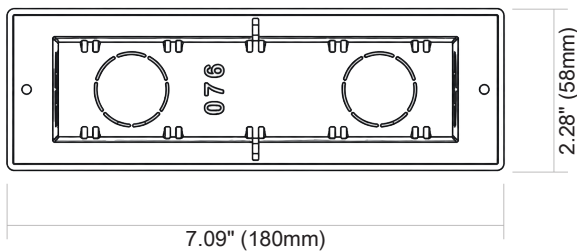
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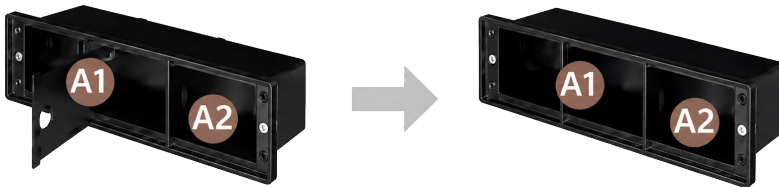
PRODUCT MODEL & DIMENSIONS



RECESSED SLEEVE(Included)



RECESSED SLEEVE CHARACTERISTIC



- The right picture – the supporting plate “A1” and “A2” are used for preventing deformation of the sleeve during the construction installation process.
- Please remove the supporting plate “A1” and “A2” from the mounting sleeve before the lamp installation.

FINISHING COLOR



Dark Gray

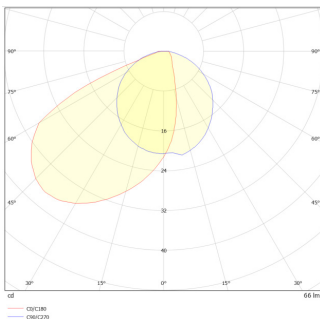


Silver Gray



Sanded Black

LIGHT DISTRIBUTION



PRODUCT ORDERING GUIDE

EXAMPLE: SL02-24-30K-V-SG

SL02	-24	-30K	-V	-SG
Series	Voltage	CCT	Dimming	Finish Color

SERIES	VOLTAGE	CCT	DIMMING	FINISH COLOR
SL02	24: 24VDC UNV: 100-277VAC	30K: 3000K 40K: 4000K	V: 1-10V T: Triac D: DALI N: None	DG: Dark Gray SG: Silver Gray SB: Sanded Black

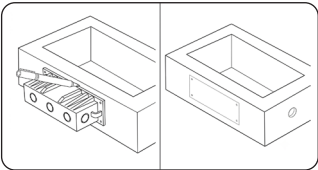
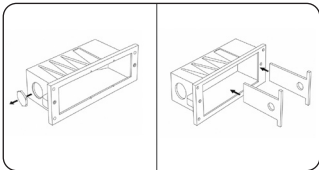
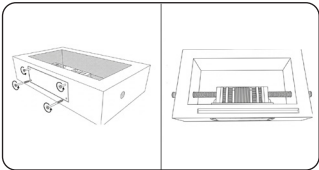
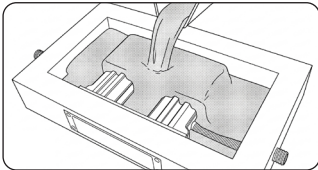
INSTALLATION

Please read these instructions carefully before commencing installation and retain for future reference. If in doubt, we advise that you consult a qualified electrician to install the product. These products must not be modified. If any modification is made it may invalidate the warranty and may render the product unsafe. All electrical installations must be carried out according to national electrical code & local regulations.

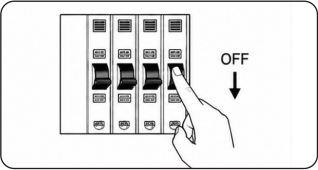
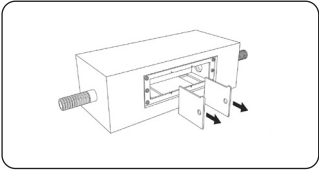
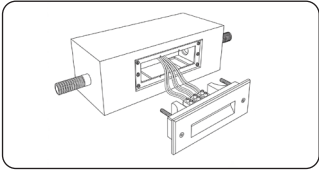
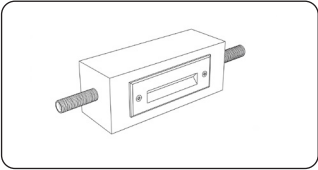
Important Safety Notes

1. Switch off the electricity at the mains before commencing installation (if a fuse box is used) remove the appropriate circuit fuse to avoid accidental switching on of the mains supply.
2. Connect to a 120-277V supply in accordance with relevant electrical standards.
3. Make sure all connections are tight with no loose strands.
4. Ensure fire regulations are not breached when fitting your lights.
5. If you are in any doubt regarding these instructions, consult a qualified electrician.

A. HOUSING INSTALLATION (BEFORE CONCRETE POUR)

1 MARK INSTALLATION POSITION  - Position and mark up the perimeter of the housing on the formwork. - Ensure the housing is level and at the desired height.	2 PREPARE THE HOUSING  - Remove the knockout holes. - Insert the supporting plates to prevent deformation.	3 SECURE THE HOUSING  - Secure housing with screws and check for stability. - Connect conduit, pull wires through into the housing.	4 POUR THE CONCRETE  - Pour concrete around the housing. - Allow concrete to fully cure.
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B. FIXTURE INSTALLATION (AFTER CONCRETE POUR)

1 TURN OFF THE POWER  Turn off the power to ensure safety during the installation process.	2 REMOVE FORMWORK  Remove the formwork and supporting plate.	3 CONNECT THE WIRES  Connect the wires using wire connectors.	4 INSTALL THE FIXTURE  Use screws to secure the light to the fixed housing on the masonry unit.
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