L47

EXTERIOR | INTERIOR
Vertical Steplight | For walls, stairs, and walkways.

● Wet, Damp, and Dry location

RoHS ◈ c CSP®us CE

Engraving Option

Ordering Information

Clear Form

Date :

Project :

Type :

Quantity :

Note :

Specifications

Luminaire | Example Code: L47-6-W30H-MK1-E-S6

Product	Version	CCT & CRI	Mounting Kit [1] (optional)	Engraving [2] (optional)	Finish [3]
L47					
	3 3W **6** 6W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W41H** 4100K 90+	**MK1** vertical surface	**E** engraving	**Aluminum Finishes:** **MA** matte clear anodized **BK** black powder coated **WH** white powder coated **BZ** bronze powder coated **Stainless Steel Finish:** **S6** stainless steel 316

System Components (Ordered Separately)

Remote Driver :

* Consult Website or Factory.

Important Notes

Specifications

1. *Mounting kit is ordered separately (consult factory). Back box must also be purchased with MK1 kit.*
2. *Engraving is only available for MA and S6 finishes.*
3. *Refer to Appendix or website for complete look of luminaire with different finish options.*

L47

EXTERIOR | INTERIOR
Vertical Steplight | For walls, stairs, and walkways.

● Wet, Damp, and Dry location

RoHS♻ CSP®cₛ CE

Engraving Option

Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
3W	350mA	4W	330 lm	43.9 lm
6W	700mA	8W	660 lm	87.8 lm

Application

Environment   Dry / Damp / Wet Location approved. IP 66.

Mounting   Mounts to vertical oriented single gang box.
Box opening: Width | 2-3/8" (60.33mm) X **Height** | 2" (50.8mm)

MK1 mounting kit (optional): Recommended for easy installation on vertical surfaces (e.g. stair risers, walls).
See "Mounting Options & Dimensions, "

Electrical

Power Supplies   Non-dimmable integral driver included (100-240V AC input).
Compatible with remote driver for wet locations (not included).

Control   **On/off control**
Dimming(consult factory): ELV or 0-10V dimming with appropriate drivers
Other options (consult factory): TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

LED Light Source
W22S = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM
W27H = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM
W30H = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM
W35H = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM
W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM

Standard Compliance   ✓ADA-compliant   ✓WELL standard – Feature 58: Color Quality

Weight   1.5 lbs (0.68 kg). Typical Aluminum Fixture.

Material   **Fixture:** machined marine-grade aluminum or machined stainless steel (316) with tempered glass

Supplied with   **Driver:** Non-dimmable integral driver included.

Warranty & LED Life   5 years limited warranty
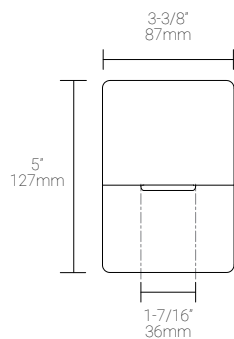Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components   **Power supplies:** alternate remote driver for dimming options
Please consult factory for available driver options.
Mounting kit: MK1 & Back box
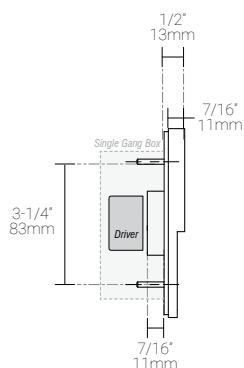**Custom back boxes:** see Pg.3- Mounting Options & Dimensions.

Mounting Options & Dimensions

LED Insert Dimensions

| Fixture | Side View | 3D View | Beam |

Fixture
- 3-3/8" 87mm
- 5" 127mm
- 1-7/16" 36mm

Side View
- 1/2" 13mm
- 7/16" 11mm
- *Single Gang Box*
- 3-1/4" 83mm
- Driver
- 7/16" 11mm
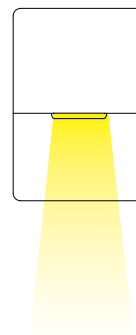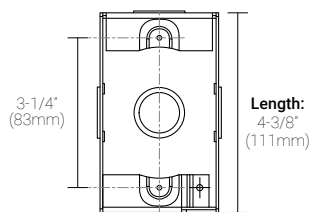
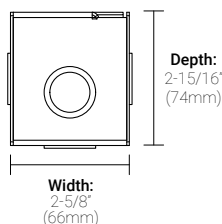## Custom Rectangular Back Box for Wall Installation

1. *For wall Installation, custom rectangular electrical boxes are available as alternative options.*

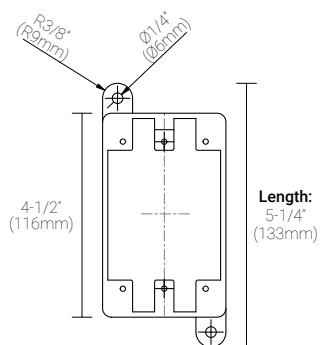**Single Gang Back Box |** Order Code: EBX-SGB1

Top View
- 3-1/4" (83mm)
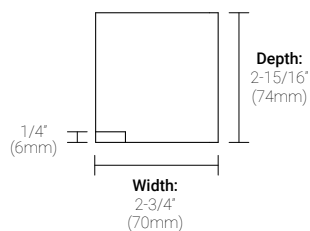- **Length:** 4-3/8" (111mm)

Side View
- **Depth:** 2-15/16" (74mm)
- **Width:** 2-5/8" (66mm)

Scepter FD Back box | Order Code: EBX-SFD

Top View
- R3/8" (R9mm)
- Ø1/4" (Ø6mm)
- 4-1/2" (116mm)
- **Length:** 5-1/4" (133mm)

Side View
- **Depth:** 2-15/16" (74mm)
- 1/4" (6mm)
- **Width:** 2-3/4" (70mm)

MK1 | For walls and stairs

Mounting Kit Exploding Views *Back box not included*

PLT1-60001
58.6mm X 65.2mm X 5mm

Threaded Rod
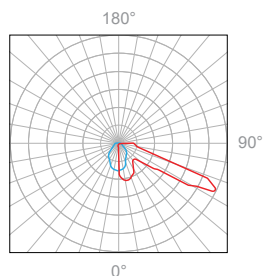Ø3/8-16

MK1-SGB1

MK1-SGB1 shown with EBX-SGB1

MK1-SGB1 shown with EBX-SGB1
and Plywood Form
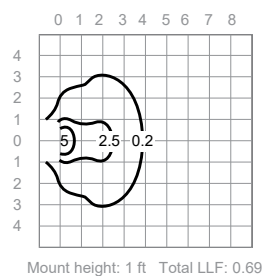
Wall-mount Plywood Form Installation (shown with L47)

3W, 3000K, 90+ CRI
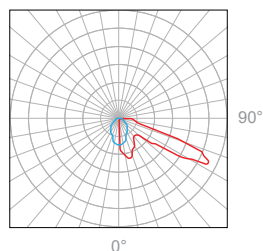
Polar Candela Distribution

Isofootcandle Plot

Mount height: 1 ft   Total LLF: 0.69

Illuminance at a Distance

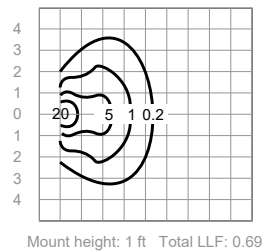| Distance		Center Beam fc	Beam Width			
1.5ft	0.45m	7.15fc	3.5ft	1.06m	0.4ft	0.12m
3.0ft	0.91m	1.79fc	7.1ft	2.16m	0.9ft	0.27m
4.5ft	1.37m	0.79fc	10.6ft	3.23m	1.3ft	0.39m
6.0ft	1.82m	0.45fc	14.1ft	4.29m	1.7ft	0.51m

Delivered Lumens: 54.7lm
■ Vertical Beam Spread: 99.3°
■ Horizontal Beam Spread: 16.5°

6W, 3000K, 90+ CRI

Polar Candela Distribution

Isofootcandle Plot

Mount height: 1 ft   Total LLF: 0.69

Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.45m	12.9fc	3.6ft	1.09m	0.4ft	0.12m
3.0ft	0.91m	3.22fc	7.1ft	2.16m	0.4ft	0.27m
4.5ft	1.37m	1.43fc	10.7ft	3.26m	1.3ft	0.39m
6.0ft	1.82m	0.80fc	14.2ft	4.32m	1.8ft	0.54m

Delivered Lumens: 91.6lm
■ Vertical Beam Spread: 99.7°
■ Horizontal Beam Spread: 16.9°

Appendix

Aluminum Finishes

MA matte clear anodized

BK black powder coated

BZ bronze powder coated

WH white powder coated

Stainless Steel Finish

S6 stainless steel 316