[✓] MP LIGHTING

L53

INTERIOR
Spotlight | For ceilings

● Dry location

Ordering Information

<div style="text-align:right">Clear Form</div>

Date :

Quantity :

Project :

Note :

Type :

Specifications

Luminaire | Example Code: L53-F-2-W22S-10-BA

Product	Mounting	Version	CCT & CRI [1]	Beam Angle	Finish
L53		**2**		**10**	**BA**
	F friction fit spring clips **C** coil spring clip	**2** 2W	**Standard (80+) CRI:** **W22S** 2200K 80+ **High (90+) CRI:** **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W41H** 4100K 90+	**10** 10° beam angle	**BA** black anodized

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System Components (Ordered Separately)

Remote Driver :

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *Refer to pg.2 - for Light Quality & Colour Consistency details.*

Warranty Notes & Disclaimer

Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products. Consult MP Lighting website for most updated documentation.

L53

INTERIOR
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Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
2W	700mA	3.0W	220 lm	93-154 lm

Application

Environment	Dry Location approved. IP 40.
Mounting	**F:** Recessed mount to cabinet millwork with friction fit spring clip **C:** Recessed mount with coil spring clip. Mounts directly to cabinet millwork or mounts to standard 4" octagonal back box (supplied by others) using MP Lighting cover plate (PLT-CS-01, ordered separately) in drywall applications. **Cut-out size:** Ø1-1/2" (38mm)

Electrical

Electrical	Remote LED drivers (120-277V AC input, **constant current output**): Fixtures to be wired in series.
Control	**On/off control** **Dimming:** ELV or 0-10V dimming with appropriate drivers **Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

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Luminaire Construction

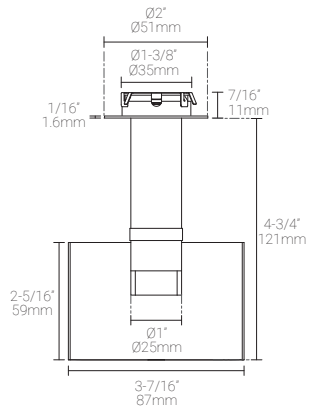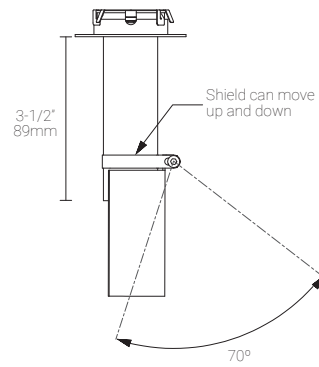|	
LED Light Source	**W22S =** CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM **W27H =** CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W30H =** CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W35H =** CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W41H =** CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Standard Compliance	✓ADA-compliant ✓WELL standard – Feature 58: Color Quality
Weight	N/A
Material	**Fixture:** machined marine-grade aluminum, antique brass, or antique bronze
Supplied with	**Standard installation:** Comes with friction fit spring clip or coil spring clip, and 2'(610mm) wire lead.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components	**Power supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options. **Mounting Plate for Coil Spring Clip (PLT-CS-01):** Refer to pg.4- Mounting Plate for Installation with standard 4" octagonal back box (supplied by others) in drywall applications.

Mounting Options & Dimensions

LED Fixture Dimensions | with F, friction fit spring clip

Fixture	Bottom View	3D View	Beam

Ø2"
Ø51mm

Ø1-3/8"
Ø35mm

1/16"
1.6mm

7/16"
11mm

4-3/4"
121mm

2-5/16"
59mm

Ø1"
Ø25mm

3-7/16"
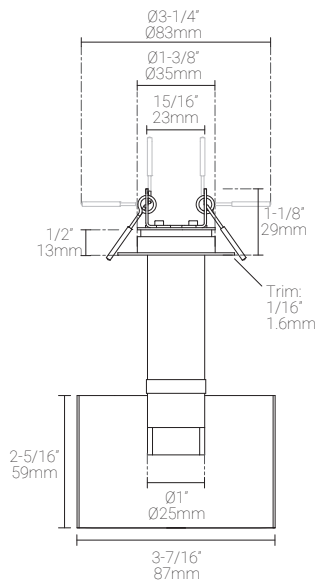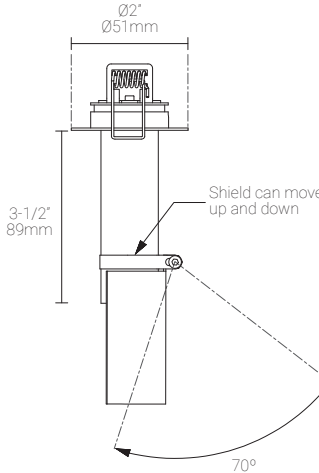87mm

3-1/2"
89mm

Shield can move
up and down

70°
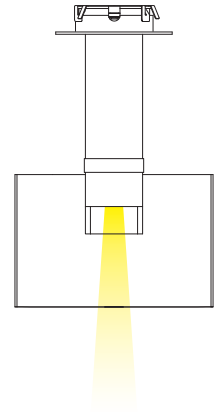
LED Fixture Dimensions | with C, coil spring clip

Fixture	Bottom View	3D View	Beam

Ø3-1/4"
Ø83mm

Ø1-3/8"
Ø35mm

15/16"
23mm

1/2"
13mm

1-1/8"
29mm

Trim:
1/16"
1.6mm

2-5/16"
59mm

Ø1"
Ø25mm
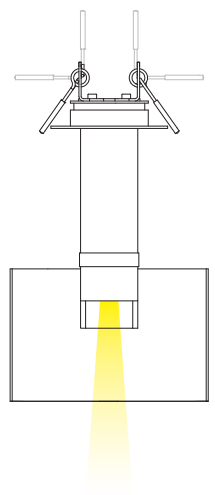
3-7/16"
87mm

Ø2"
Ø51mm

3-1/2"
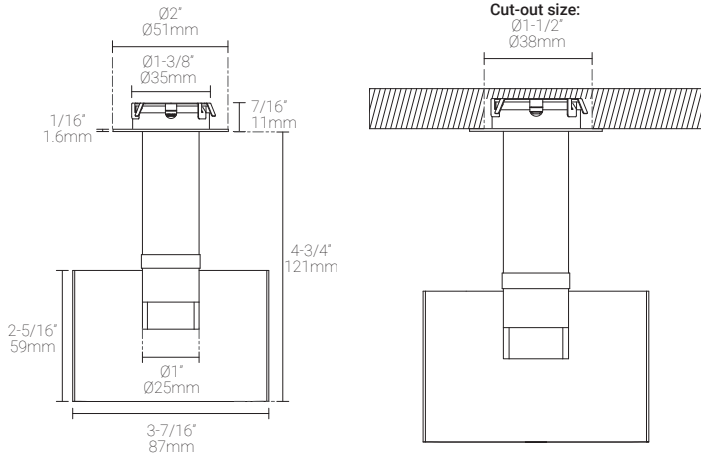89mm

Shield can move
up and down

70°

Mounting Options & Dimensions

Recessed mount Installation | with F, friction fit spring clip

Fixture

Push LED housing with friction fit spring clip into Ø1-1/2" (Ø38mm) hole until flush with surface.

Ø2"
Ø51mm

Ø1-3/8"
Ø35mm

1/16"
1.6mm

7/16"
11mm

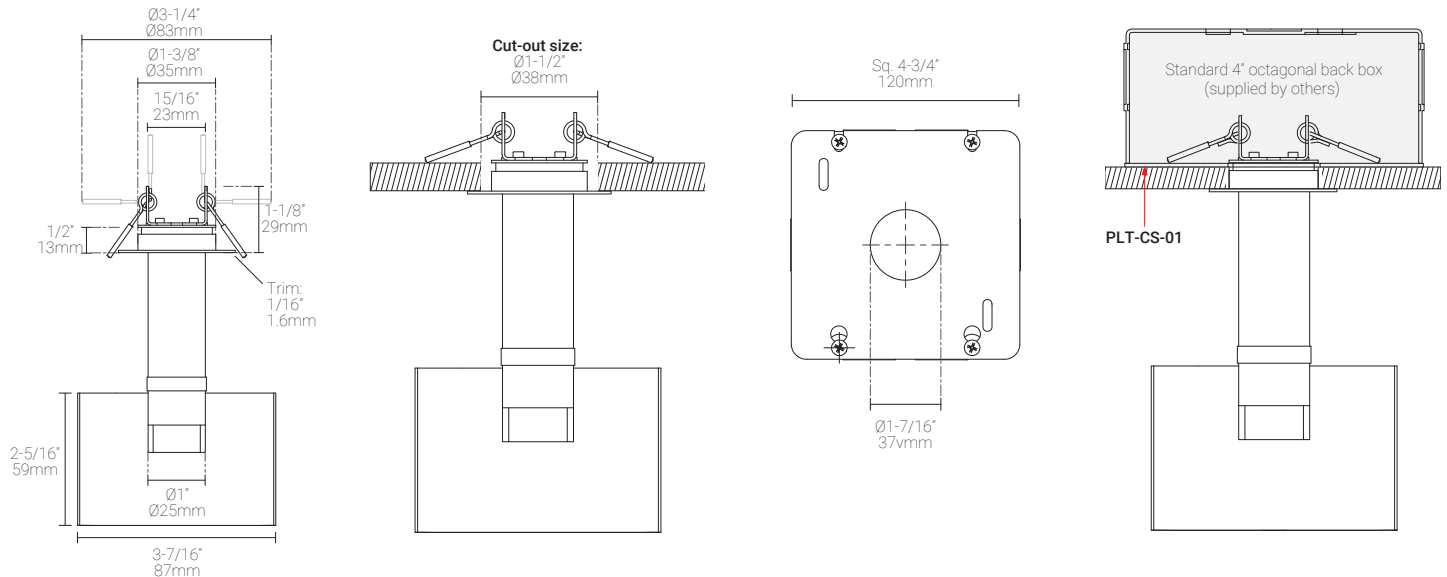4-3/4"
121mm

2-5/16"
59mm

Ø1"
Ø25mm

3-7/16"
87mm

Cut-out size:
Ø1-1/2"
Ø38mm

Recessed mount Installation | with C, coil spring clip

Fixture

Push LED housing with coil spring clip into Ø1-1/2" (Ø38mm) hole until flush with surface.

PLT-CS-01 (ordered separately): Mounting plate for **C**, coil spring clip. Compatible with standard 4" back box (supplied by others). Recommended for drywall applications.

Ø3-1/4"
Ø83mm

Ø1-3/8"
Ø35mm

15/16"
23mm

1/2"
13mm

1-1/8"
29mm

Trim:
1/16"
1.6mm

2-5/16"
59mm

Ø1"
Ø25mm

3-7/16"
87mm

Cut-out size:
Ø1-1/2"
Ø38mm

Sq. 4-3/4"
120mm

Ø1-7/16"
37vmm

Standard 4" octagonal back box
(supplied by others)

PLT-CS-01

2W, 3000K, 90+ CRI, 10°

Polar Candela Distribution
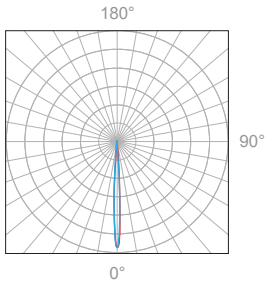
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	69.0fc	0.2ft	0.06m	0.2ft	0.06m
2.0ft	0.61m	17.3fc	0.3ft	0.09m	0.3ft	0.09m
3.0ft	0.91m	7.6fc	0.5ft	0.15m	0.5ft	0.15m
4.0ft	1.22m	4.3fc	0.6ft	0.18m	0.6ft	0.18m
5.0ft	1.52m	2.7fc	0.8ft	0.24m	0.8ft	0.24m
6.0ft	1.83m	1.9fc	1.0ft	0.30m	1.0ft	0.30m

Delivered Lumen: 6.7lm
■ Vertical Beam Spread: 9.6°
■ Horizontal Beam Spread: 9.3°