L54

INTERIOR

Millwork & Cabinet | For ceilings, counters & cabinets

- Dry location



Shown with F friction spring clips



Shown with C coil spring clips

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L54-F-2-W30H-W-NA-MA

Product	Mounting	Version	CCT & CRI [1]	Beam Angle	Accessories: Louvers (optional) [2]	Finish [3]
L54						
	F friction fit spring clips **C** coil spring clips	**1** 1W **2** 2W	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W41H** 4100K 90+	**S** spot 12° **N** narrow flood 30° **F** flood 45° **W** wide flood 120°	**NA** no accessories **ELB54** eggcrate louver	**Aluminum Finishes:** **MA** matte clear anodized **BA** black anodized

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.*
2. *ELB54 - not available on wide flood 120°*
3. *Refer to Appendix or MP Lighting website for complete look of luminaire with different trim finish options.*

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.

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Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.5W	110 lm	84.1-103.1 lm
2W	700mA	3.0W	220 lm	146.6-178.7 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. For use with 1 to 5 fixtures. 0-10V dimming only.
Control	**On/off control | Dimming:** ELV or 0-10V dimming with appropriate drivers **Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi

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
Material	**Fixture:** machined marine-grade aluminum
Weight	0.066lbs (30g)
Supplied with	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.

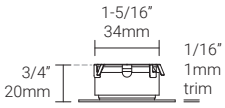
Ordered Separately

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.3- Mounting Plate for Installation with standard 4" octagonal back box (supplied by others) in drywall applications.

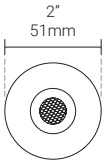
Mounting Options & Dimensions

LED Fixture Dimensions | Shown with F (friction fit spring clip)

Fixture



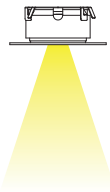
Bottom View



3D View

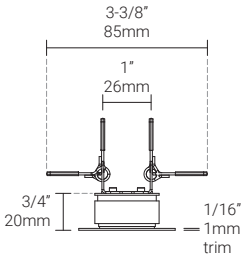


Beam

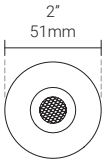


LED Fixture Dimensions | Shown with C (coil spring clip)

Fixture



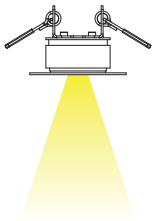
Bottom View



3D View

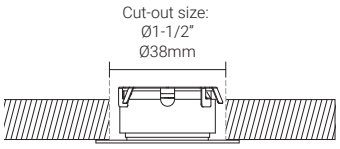


Beam



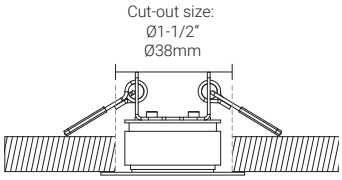
Shown with F (friction fit spring clip)

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

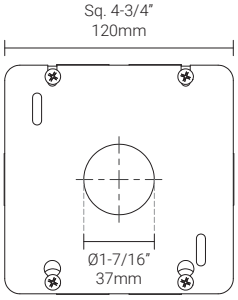


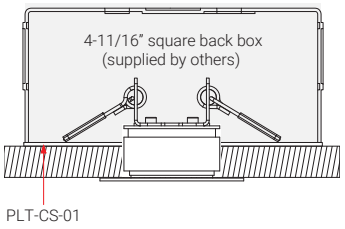
Shown with C (coil spring clip)

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



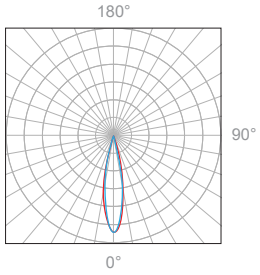
PLT-CS-01 (ordered separately): Mounting plate for **C**, coil spring clip. Compatible with 4-11/16" square back box (supplied by others, suggested: Ilbervile BC72171-K). Recommended for drywall applications.





1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



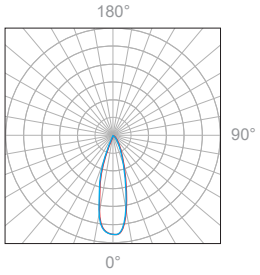
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	230fc	2475 LUX	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	57.5fc	619 LUX	1.1ft	0.33m	1.1ft	0.33m
3.0ft	0.91m	25.5fc	275 LUX	1.6ft	0.49m	1.6ft	0.49m
4.0ft	1.22m	14.4fc	155 LUX	2.1ft	0.64m	2.1ft	0.64m
5.0ft	1.52m	9.20fc	99.0 LUX	2.6ft	0.79m	2.7ft	0.82m
6.0ft	1.89m	6.39fc	68.7 LUX	3.2ft	0.97m	3.2ft	0.97m

Delivered Lumen: 100.8 lm
Vertical Beam Spread: 29.5°
Horizontal Beam Spread: 29.8°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 30°



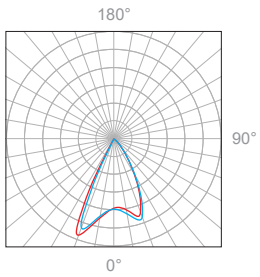
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	204fc	2198 LUX	0.6ft	0.18m	0.6ft	0.18m
2.0ft	0.61m	51.0fc	549 LUX	1.2ft	0.36m	1.2ft	0.36m
3.0ft	0.91m	22.7fc	244 LUX	1.8ft	0.55m	1.9ft	0.58m
4.0ft	1.22m	12.8fc	137 LUX	2.4ft	0.73m	2.5ft	0.76m
5.0ft	1.52m	8.17fc	87.9 LUX	3.0ft	0.91m	3.1ft	0.94m
6.0ft	1.89m	5.67fc	61.1 LUX	3.5ft	1.06m	3.7ft	1.28m

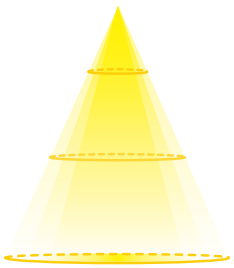
Delivered Lumen: 103.1 lm
Vertical Beam Spread: 32.9°
Horizontal Beam Spread: 34.3°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 45°



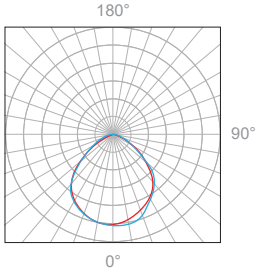
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	51.5fc	2475 LUX	1.1ft	0.34m	1.2ft	0.36m
2.0ft	0.61m	12.9fc	619 LUX	2.2ft	0.67m	2.4ft	0.73m
3.0ft	0.91m	5.72fc	275 LUX	3.3ft	1.00m	3.6ft	1.09m
4.0ft	1.22m	3.22fc	155 LUX	4.4ft	1.34m	4.8ft	1.46m
5.0ft	1.52m	2.06fc	99.0 LUX	5.5ft	1.68m	6.0ft	1.83m
6.0ft	1.89m	1.43fc	68.7 LUX	6.7ft	2.04m	7.3ft	2.22m

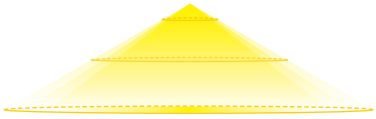
Delivered Lumen: 94.2 lm
Vertical Beam Spread: 58.0°
Horizontal Beam Spread: 62.3°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

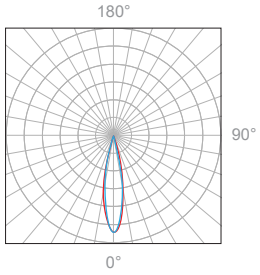
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	38.6fc	2.3ft	0.70m	2.3ft	0.70m
2.0ft	0.61m	9.65fc	4.5ft	1.37m	4.5ft	1.37m
3.0ft	0.91m	4.29fc	6.8ft	2.07m	6.8ft	2.07m
4.0ft	1.22m	2.41fc	9.1ft	2.77m	9.1ft	2.77m
5.0ft	1.52m	1.54fc	11.4ft	3.47m	11.3ft	3.44m
6.0ft	1.89m	1.07fc	13.6ft	4.14m	13.6ft	4.14m

Delivered Lumen: 84.1 lm
Vertical Beam Spread: 97.3°
Horizontal Beam Spread: 97.2°

Tested on 23/05/2025

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°



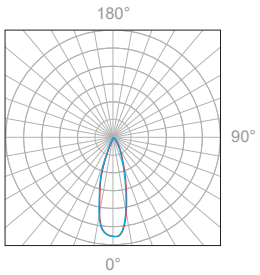
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	423fc	4552 LUX	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	106fc	1138 LUX	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	47.0fc	506 LUX	1.5ft	0.46m	1.6ft	0.49m
4.0ft	1.22m	26.4fc	284 LUX	2.0ft	0.61m	2.0ft	0.61m
5.0ft	1.52m	16.9fc	182 LUX	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.89m	11.7fc	126 LUX	3.0ft	0.91m	3.1ft	0.94m

Delivered Lumen: 175.0 lm
Vertical Beam Spread: 28.4°
Horizontal Beam Spread: 29.2°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 30°



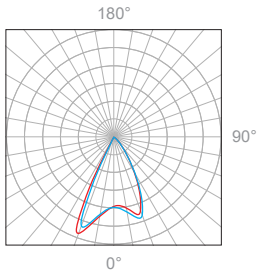
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	371fc	3998 LUX	0.6ft	0.18m	0.6ft	0.18m
2.0ft	0.61m	92.9fc	999 LUX	1.2ft	0.36m	1.2ft	0.36m
3.0ft	0.91m	41.3fc	444 LUX	1.8ft	0.55m	1.8ft	0.55m
4.0ft	1.22m	23.2fc	250 LUX	2.3ft	0.70m	2.4ft	0.73m
5.0ft	1.52m	14.9fc	160 LUX	2.9ft	0.88m	3.1ft	0.94m
6.0ft	1.89m	10.3fc	111 LUX	3.5ft	1.06m	3.7ft	1.13m

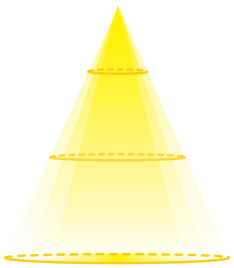
Delivered Lumen: 178.7 lm
Vertical Beam Spread: 32.6°
Horizontal Beam Spread: 33.9°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 45°



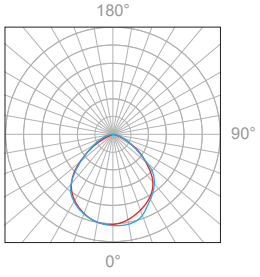
Illuminance at a Distance

Distance		Center Beam		Beam Width			
1.0ft	0.30m	93.3fc	1004 LUX	1.1ft	0.34m	1.2ft	0.36m
2.0ft	0.61m	23.3fc	251 LUX	2.2ft	0.67m	2.4ft	0.73m
3.0ft	0.91m	10.4fc	112 LUX	3.3ft	1.00m	3.6ft	1.09m
4.0ft	1.22m	5.83fc	62.7 LUX	4.3ft	1.31m	4.8ft	1.46m
5.0ft	1.52m	3.73fc	40.1 LUX	5.4ft	1.64m	6.0ft	1.83m
6.0ft	1.89m	2.59fc	27.9 LUX	6.5ft	1.98m	7.2ft	2.19m

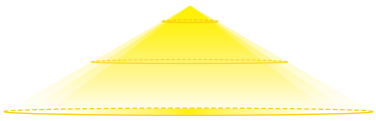
Delivered Lumen: 162.9 lm
Vertical Beam Spread: 56.9°
Horizontal Beam Spread: 62.0°

Tested on 10/19/2026

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

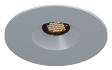
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	67.5fc	2.3ft	0.70m	2.3ft	0.70m
2.0ft	0.61m	16.9fc	4.6ft	1.40m	4.5ft	1.37m
3.0ft	0.91m	7.50fc	6.8ft	2.07m	6.8ft	2.07m
4.0ft	1.22m	4.22fc	9.1ft	2.74m	9.0ft	2.74m
5.0ft	1.52m	2.70fc	11.4ft	3.47m	11.3ft	3.44m
6.0ft	1.89m	1.88fc	13.7ft	4.17m	13.6ft	4.14m

Delivered Lumen: 146.6 lm
Vertical Beam Spread: 97.4°
Horizontal Beam Spread: 97.0°

Tested on 23/05/2025

Appendix

Aluminum Finishes

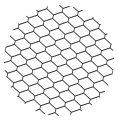


MA matte clear anodized



BA black anodized

Accessories



ELB54 eggcrate louver