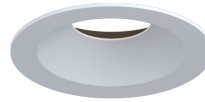


# L430

INTERIOR  
Tilttable Downlight

● Dry location



shown with spring clips

## Ordering Information

Clear Form

Date : \_\_\_\_\_

Quantity : \_\_\_\_\_

Project : \_\_\_\_\_

Note : \_\_\_\_\_

Type : \_\_\_\_\_

## Specifications

Luminaire | Example Code: L430-R-4-W30H-N-BA

Product	Housing	Wattage	CCT & CRI <sup>1</sup>	Beam Angle	Trim Finish <sup>2</sup>
L430	R retrofit housing	4 4W	W27H 2700K 90+	S spot 12°	BK black powder coated
	NI non-insulated housing	8 8W	W30H 3000K 90+	N narrow flood 30°	WH white powder coated
				F flood 48°	

## System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_

\* Consult MP Lighting Website or Factory.

## Important Notes

### Specification

1. Refer to pg.2 - for light quality and colour consistency details.
2. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.

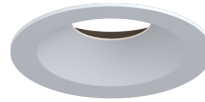
### Warranty Notes & Disclaimer

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.

# L430

INTERIOR  
Tilttable Downlight

- Dry location



shown with spring clips

## Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
4W	350mA	4W	440 lm	208-261 lm
8W	700mA	8W	880 lm	371-433 lm

## Application

Environment	Dry Location approved. IP 42.
Mounting	Recessed mount with spring clips. Cut-out size: Ø 3-5/8" (92.08mm). Cord Length: 22-1/4" (565mm)

## Electrical

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

## Luminaire Construction

LED Light Source	<b>Colour Consistency:</b> 2-step MacAdam: 2700K, 3000K, 90+ CRI
Weight	N/A
Material	<b>Fixture:</b> Solid anodized aluminum
Supplied with	<b>Non-insulated housing:</b> Comes with frame, built-in nailer, housing cover, and cord. <b>Retrofit driver:</b> remote driver housing and cord.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

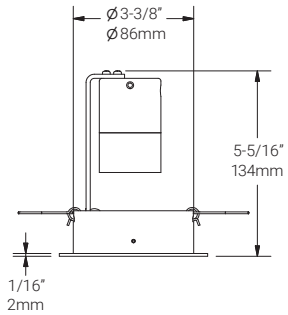
## Ordered Separately

System Components	<b>Power supplies:</b> remote driver Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options.
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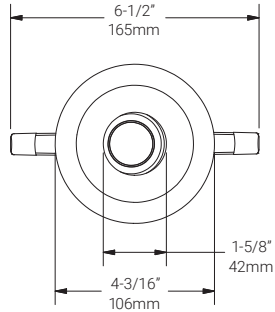
Mounting Options & Dimensions

LED Insert Dimensions

Fixture



Front View



3D View

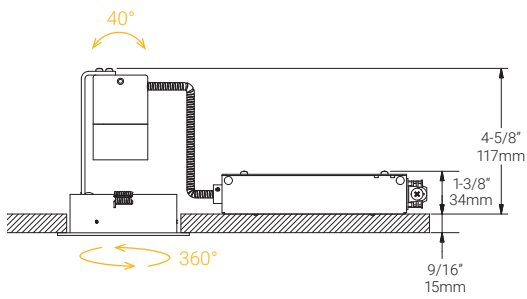


3D View (with Spring Clips)

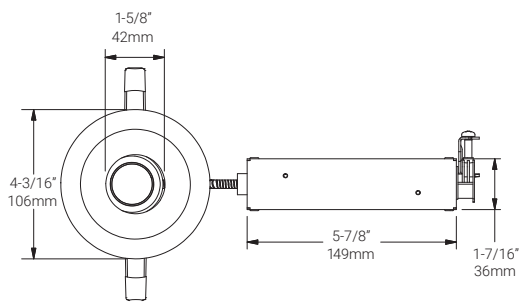


Retrofit Housing

Side View



Bottom View

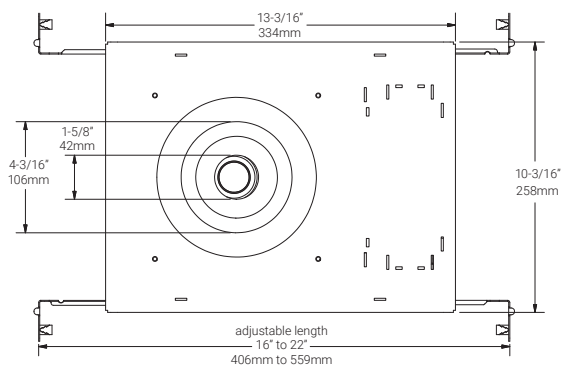


3D View

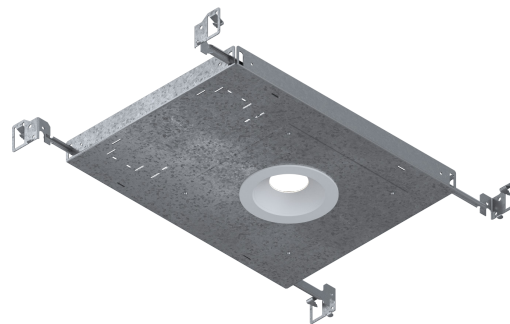


Non-Insulated Housing

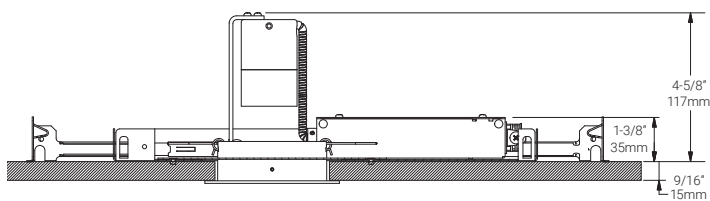
Bottom View



3D View

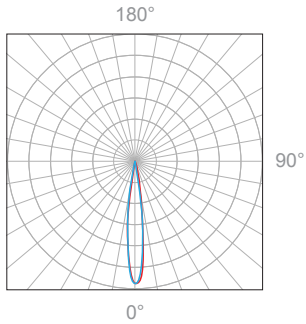


Side View



4W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

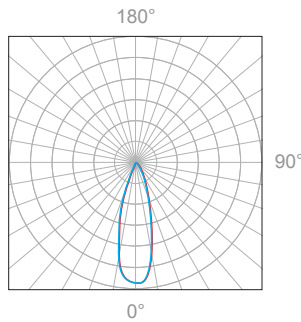


Illuminance at a Distance

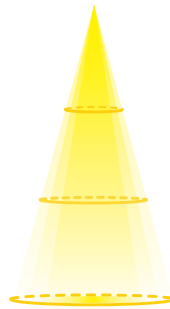
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	180.3fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	30.9fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	19.2fc	3.1ft	0.94m	3.1ft	0.94m
12.0ft	3.66m	10.7fc	4.1ft	1.25m	4.1ft	1.25m
15.0ft	4.57m	7.3fc	5.2ft	1.58m	5.2ft	1.58m
18.0ft	5.49m	5fc	6.2ft	1.89m	6.2ft	1.89m

Delivered Lumen: 261 lm  
 ■ Vertical Beam Spread: 19.5°  
 ■ Horizontal Beam Spread: 19.5°

Polar Candela Distribution



Beam Width: 30°

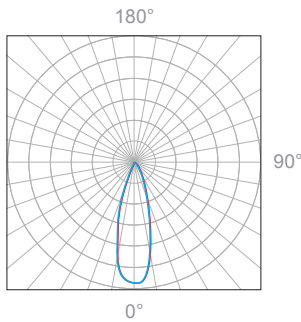


Illuminance at a Distance

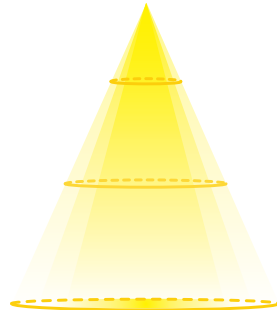
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	114.2fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	28.8fc	2.9ft	0.88m	2.9ft	0.88m
9.0ft	2.74m	12.8fc	4.3ft	1.31m	4.3ft	1.31m
12.0ft	3.66m	7.5fc	5.7ft	1.74m	5.7ft	1.74m
15.0ft	4.57m	4.8fc	7.2ft	2.19m	7.2ft	2.19m
18.0ft	5.49m	3.4fc	8.6ft	2.62m	8.6ft	2.62m

Delivered Lumen: 251 lm  
 ■ Vertical Beam Spread: 26.9°  
 ■ Horizontal Beam Spread: 26.9°

Polar Candela Distribution



Beam Width: 48°



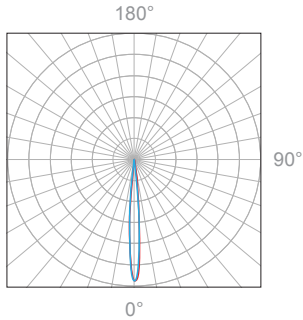
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	45.9fc	2.6ft	0.79m	2.6ft	0.79m
6.0ft	1.83m	11.7fc	5.3ft	1.62m	5.3ft	1.62m
9.0ft	2.74m	5.2fc	7.9ft	2.41m	7.9ft	2.41m
12.0ft	3.66m	3fc	10.6ft	3.23m	10.6ft	3.23m
15.0ft	4.57m	2fc	13.2ft	4.02m	13.2ft	4.02m
18.0ft	5.49m	1.6fc	15.9ft	4.85m	15.9ft	4.85m

Delivered Lumen: 224 lm  
 ■ Vertical Beam Spread: 47.6°  
 ■ Horizontal Beam Spread: 47.6°

8W, 3000K, 90+ CRI

**Polar Candela Distribution**



**Beam Width: 12°**

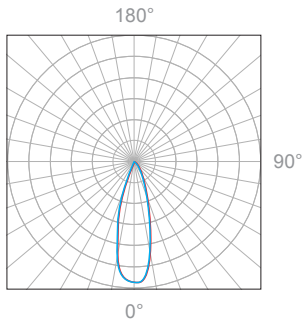


**Illuminance at a Distance**

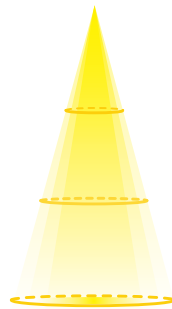
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	328.6fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	79fc	2.1ft	0.64m	2.1ft	0.64m
9.0ft	2.74m	35.2fc	3.1ft	0.94m	3.1ft	0.94m
12.0ft	3.66m	19.2fc	4.1ft	1.25m	4.1ft	1.25m
15.0ft	4.57m	12.8fc	5.2ft	1.58m	5.2ft	1.58m
18.0ft	5.49m	9.1fc	6.2ft	1.89m	6.2ft	1.89m

Delivered Lumen: 433 lm  
 ■ Vertical Beam Spread: 19.5°  
 ■ Horizontal Beam Spread: 19.5°

**Polar Candela Distribution**



**Beam Width: 30°**

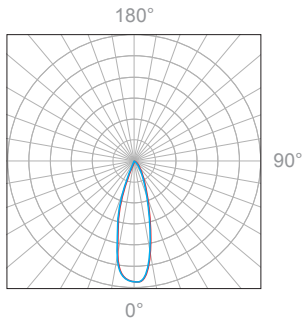


**Illuminance at a Distance**

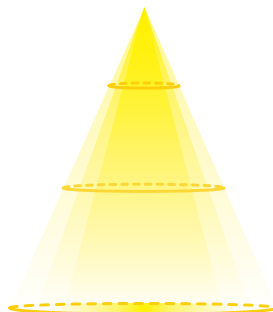
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	202.7fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	50.1fc	2.9ft	0.88m	2.9ft	0.88m
9.0ft	2.74m	21.3fc	4.3ft	1.31m	4.3ft	1.31m
12.0ft	3.66m	11.7fc	5.7ft	1.74m	5.7ft	1.74m
15.0ft	4.57m	8.2fc	7.2ft	2.19m	7.2ft	2.19m
18.0ft	5.49m	6.3fc	8.6ft	2.62m	8.6ft	2.62m

Delivered Lumen: 418 lm  
 ■ Vertical Beam Spread: 26.9°  
 ■ Horizontal Beam Spread: 26.9°

**Polar Candela Distribution**



**Beam Width: 48°**



**Illuminance at a Distance**

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	75.7fc	2.6ft	0.79m	2.6ft	0.79m
6.0ft	1.83m	19.2fc	5.3ft	1.62m	5.3ft	1.62m
9.0ft	2.74m	8.5fc	7.9ft	2.41m	7.9ft	2.41m
12.0ft	3.66m	4.9fc	10.6ft	3.23m	10.6ft	3.23m
15.0ft	4.57m	3.3fc	13.2ft	4.02m	13.2ft	4.02m
18.0ft	5.49m	2.3fc	15.9ft	4.85m	15.9ft	4.85m

Delivered Lumen: 372 lm  
 ■ Vertical Beam Spread: 47.6°  
 ■ Horizontal Beam Spread: 47.6°

**Appendix**

**Aluminum Finishes**



BK black powder coated



WH white powder coated