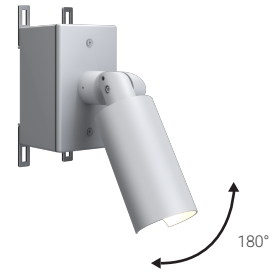


# L931-B7

EXTERIOR | INTERIOR  
Spotlight | For trees or columns

- Wet, Damp, and Dry location



shown with WS wet location weep shroud

## Ordering Information

Clear Form

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

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

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

## Specifications

Luminaire | Example Code: L931-B7-8-W30H-S-WS-MA

Product	Canopy	Wattage	CCT & CRI	Beam Angle	Shrouds	Finish
L931	B7	8				
	B7	8 8W	W27H 2700K 90+ W30H 3000K 90+	SS super spot 7° S spot 12° N narrow flood 30° F flood 48°	FS full shroud WS wet location weep shroud	MA matte clear anodized BA black anodized

## System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_ Control System : \_\_\_\_\_

**On/Off | Dimming** ELV or 0-10 dimming  
**Other options (consult factory)** TRIAC/MLV, DMX, DALI, Casambi, PoE

## Important Notes

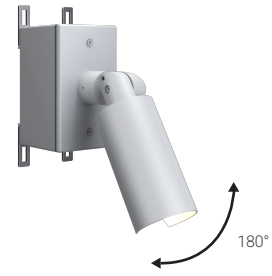
### Warranty Notes & Disclaimer

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.

# L931-B7

EXTERIOR | INTERIOR  
Spotlight | For trees or columns

- Wet, Damp, and Dry location



shown with WS wet location weep shroud

## Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
8W	700mA	10W	880 lm	148-527 lm

## Application

Environment	Wet / Damp / Dry Location approved. IP 66.
Mounting	<b>B7:</b> designed to be strapped to trees or columns (Tree Strap not included).

## Electrical

Power Supplies	Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series. Remote LED drivers (120-277V AC input, <b>constant voltage output</b> ): Fixtures to be wired in parallel.
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>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM
Weight	N/A
Material	<b>Fixture:</b> machined marine-grade aluminum
Supplied with	N/A
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

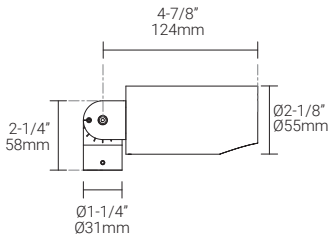
## Ordered Separately

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

Mounting Options & Dimensions

LED Fixture Dimensions

Fixture



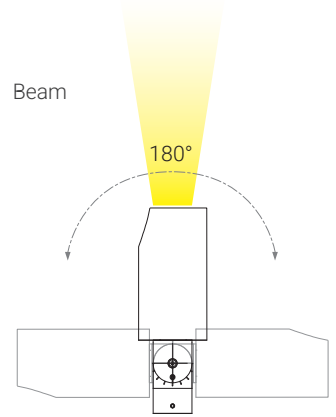
Front View



3D View

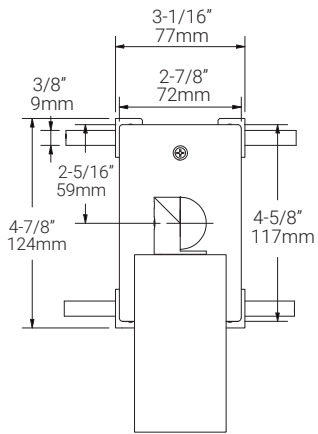


Beam

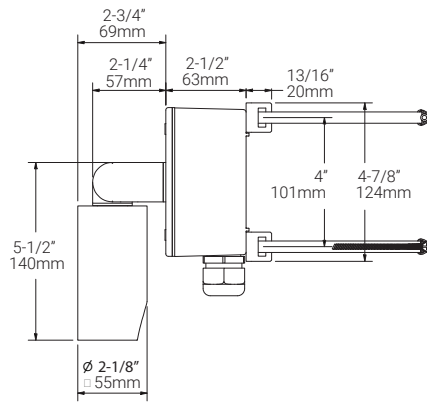


LED Fixture Dimensions | shown with B7 and Tree Strap

Front View with B7



Side View with B7 and Tree Strap



3D View



\* Tree Strap not included

Appendix

Finishes



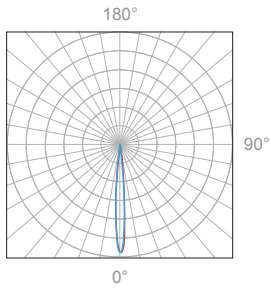
MA matte chrome anodized  
WS wet location weep shroud



BA black anodized  
WS wet location weep shroud

8W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 7°

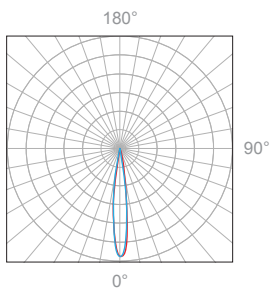


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	465fc	0.4ft	0.12m	0.4ft	0.12m
6.0ft	1.83m	116fc	0.8ft	0.24m	0.7ft	0.21m
9.0ft	2.74m	51.7fc	1.2ft	0.36m	1.1ft	0.33m
12.0ft	3.66m	29.1fc	1.6ft	0.49m	1.4ft	0.42m
15.0ft	4.57m	18.6fc	2.0ft	0.61m	1.8ft	0.54m
18.0ft	5.49m	12.9fc	2.4ft	0.73m	2.2ft	0.67m

Delivered Lumen: 148.2 lm  
 ■ Vertical Beam Spread: 7.5°  
 ■ Horizontal Beam Spread: 6.9°

Polar Candela Distribution



Beam Width: 12°

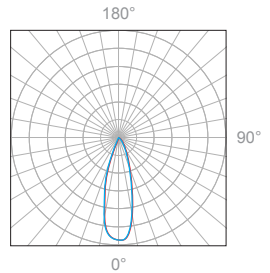


Illuminance at a Distance

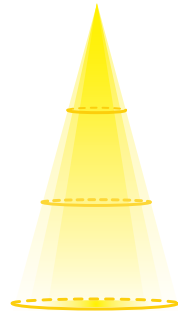
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	328.6fc	1.2ft	0.36m	1.2ft	0.36m
6.0ft	1.83m	79fc	2.4ft	0.73m	2.4ft	0.73m
9.0ft	2.74m	35.2fc	3.6ft	1.09m	3.6ft	1.09m
12.0ft	3.66m	19.2fc	4.9ft	1.49m	4.9ft	1.49m
15.0ft	4.57m	12.8fc	6.1ft	1.86m	6.1ft	1.86m
18.0ft	5.49m	9.1fc	7.3ft	2.22m	7.2ft	2.19m

Delivered Lumen: 527.1 lm  
 ■ Vertical Beam Spread: 22.9°  
 ■ Horizontal Beam Spread: 22.5°

Polar Candela Distribution



Beam Width: 30°

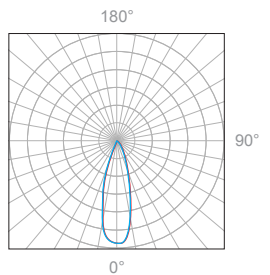


Illuminance at a Distance

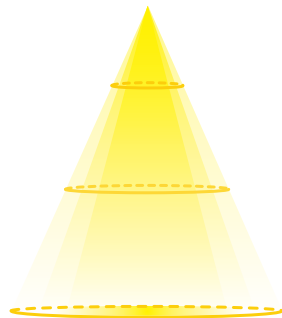
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	175fc	1.5ft	0.46m	1.5ft	0.46m
6.0ft	1.83m	43.8fc	3.1ft	0.94m	3.1ft	0.94m
9.0ft	2.74m	19.5fc	4.6ft	1.40m	4.6ft	1.40m
12.0ft	3.66m	10.9fc	6.2ft	1.89m	6.1ft	1.86m
15.0ft	4.57m	7.00fc	7.7ft	2.34m	7.6ft	2.31m
18.0ft	5.49m	4.86fc	9.3ft	2.83m	9.2ft	2.80m

Delivered Lumen: 452.8 lm  
 ■ Vertical Beam Spread: 28.9°  
 ■ Horizontal Beam Spread: 28.6°

Polar Candela Distribution



Beam Width: 48°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	126fc	2.0ft	0.61m	2.1ft	0.64m
6.0ft	1.83m	31.5fc	3.9ft	1.18m	4.1ft	1.25m
9.0ft	2.74m	14.0fc	5.9ft	1.79m	6.2ft	1.89m
12.0ft	3.66m	7.87fc	7.9ft	2.41m	8.3ft	2.53m
15.0ft	4.57m	5.04fc	9.8ft	2.98m	10.4ft	3.17m
18.0ft	5.49m	3.50fc	11.8ft	3.59m	12.4ft	3.78m

Delivered Lumen: 465.1 lm  
 ■ Vertical Beam Spread: 36.3°  
 ■ Horizontal Beam Spread: 38.1°