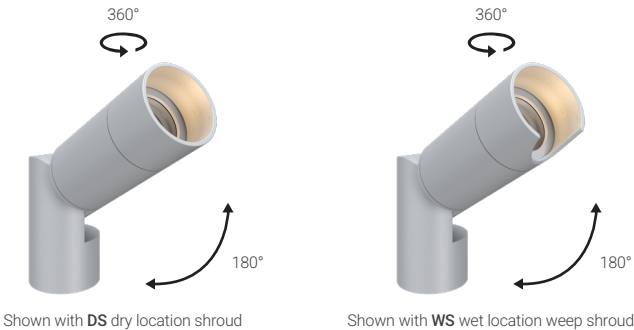


L730

EXTERIOR | INTERIOR
Spotlight | For wildlife lighting

Wet, Damp, and Dry location



Shown with DS dry location shroud

Shown with WS wet location weep shroud

Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L730-S-B4-2-AMB-S-ELB-WS-S6 or L730-D-B5-2-AMB-S-ELB-WS-MA

Product	Spotlights	Canopy ¹	Wattage	CCT & CRI	Beam Angle	Accessories (optional)	Shroud	Finish ⁴
L730	S	B4						
	S single	B4	1 1W 2 2W	AMB amber LED	S spot 12° N narrow flood 30° F flood 50°	ELB eggcrate louver	DS dry location shroud WS wet location weep shroud	Aluminum Finishes: MA matte clear anodized Stainless Steel Finish: S6 stainless steel 316

Product	Spotlights	Canopy ¹	Wattage	CCT & CRI	Beam Angle	Accessories (optional)	Shroud	Finish
L730		B5						
	D double T triple	B5	1 1W 2 2W	AMB amber LED	S spot 12° N narrow flood 30° F flood 50°	ELB eggcrate louver	DS dry location shroud WS wet location weep shroud	Aluminum Finishes: MA matte clear 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

Important Notes

Specification

1. See pg.3 - for different canopy options and its dimensions.

2. Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.

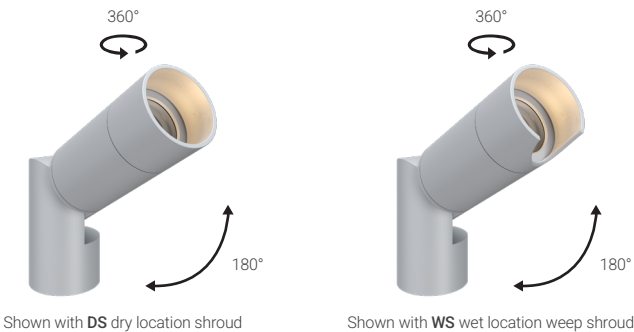
Warranty Notes & Disclaimer

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.

L730

EXTERIOR | INTERIOR
Spotlight | For wildlife lighting

Wet, Damp, and Dry location



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
1W	350mA	1.3W	110 lm	65-76.7 lm
2W	700mA	2.6W	220 lm	129-149 lm

Application

Environment	Wet / Damp / Dry Location approved. IP 66. Wet location weep shroud (WS) can be specified where proper drainage for water in shroud is required.
Mounting	B4: mounts to standard 1-1/2" octagonal box. B5: mounts to standard 4" octagonal back box (supplied by others) or MP Lighting back box (EBX-OCT1, ordered separately).

Electrical

Power Supplies	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

Luminaire Construction

LED Light Source	Amber LED Light
Weight	N/A
Material	Fixture: machined marine-grade aluminum or machined stainless steel 316
Supplied with	Standard installation housing: Comes with a canopy, a universal crossbar, two hex socket head screws, two wire-nuts, and an allen key.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

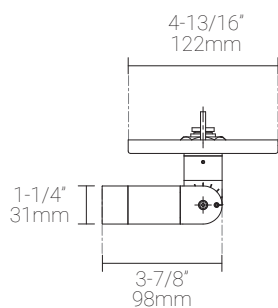
Ordered Separately

System Components	Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options.
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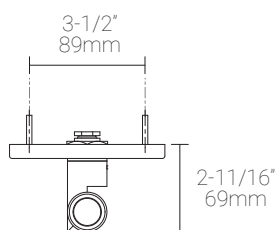
Mounting Options & Dimensions

LED Fixture Dimensions (shown with B4 canopy, single spotlight)

Fixture



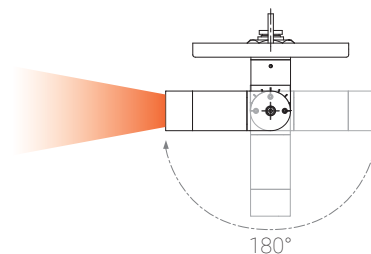
Front View



3D View

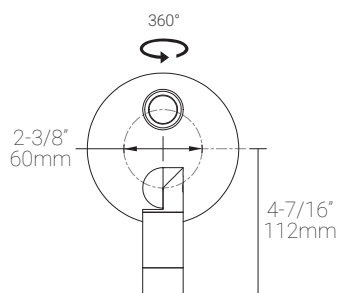


Beam

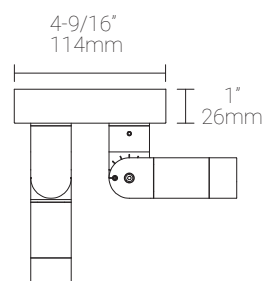


LED Fixture Dimensions (shown with B5 canopy, double spotlights)

Fixture



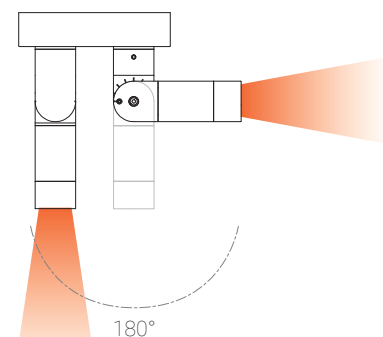
Side View



3D View

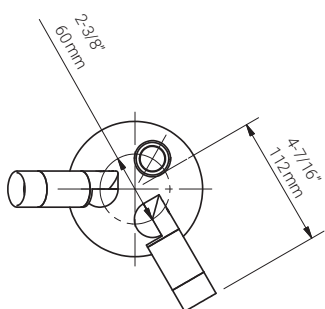


Beam

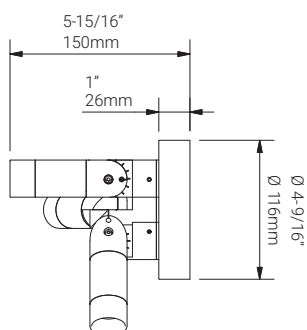


LED Fixture Dimensions (shown with B5 canopy, triple spotlights)

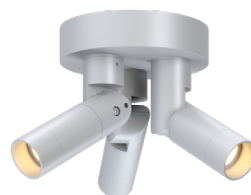
Fixture



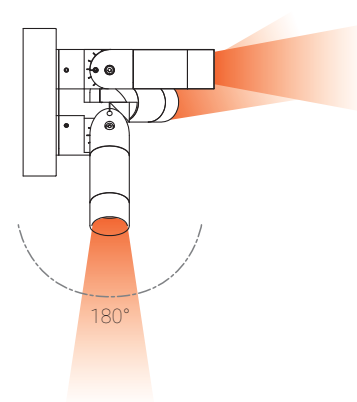
Side View



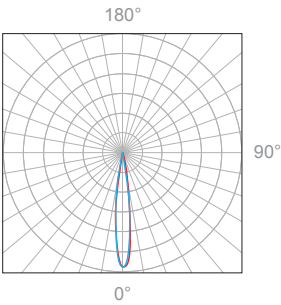
3D View



Beam



Polar Candela Distribution



Beam Width: 12°

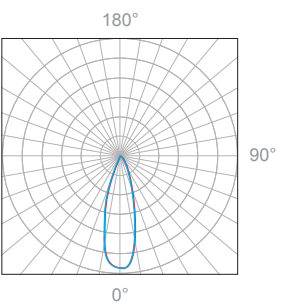


Illuminance at a Distance

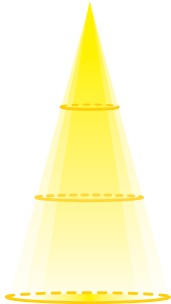
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	333fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	94fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	41fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	22fc	1.3ft	0.40m	1.3ft	0.40m
5.0ft	1.52m	15fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	10fc	2.1ft	0.64m	2.1ft	0.64m

Delivered Lumen: 65 lm
■ Vertical Beam Spread: 19.4°
■ Horizontal Beam Spread: 19.4°

Polar Candela Distribution



Beam Width: 30°

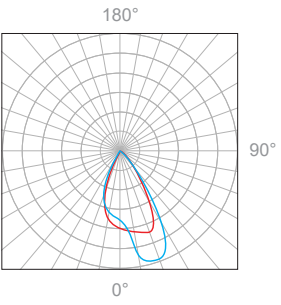


Illuminance at a Distance

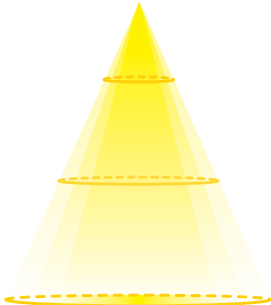
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	209fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	56fc	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	26fc	1.5ft	0.46m	1.5ft	0.46m
4.0ft	1.22m	14fc	2.0ft	0.61m	2.0ft	0.61m
5.0ft	1.52m	9fc	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.83m	7fc	3.1ft	0.95m	3.1ft	0.95m

Delivered Lumen: 75 lm
■ Vertical Beam Spread: 28.5°
■ Horizontal Beam Spread: 28.7°

Polar Candela Distribution



Beam Width: 50°



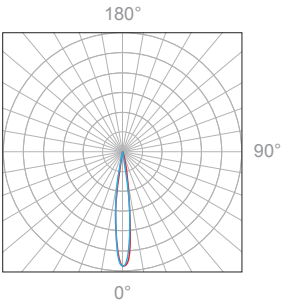
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	34.3fc	1.4ft	0.42m	1.3ft	0.39m
2.0ft	0.61m	8.58fc	2.7ft	0.82m	2.6ft	0.79m
3.0ft	0.91m	3.81fc	4.1ft	1.25m	3.9ft	1.18m
4.0ft	1.22m	2.14fc	5.4ft	1.76m	5.1ft	1.55m
5.0ft	1.52m	1.37fc	6.8ft	2.19m	6.4ft	1.95m
6.0ft	1.83m	0.95fc	8.1ft	2.62m	7.7ft	2.34m

Delivered Lumen: 76.7 lm
■ Vertical Beam Spread: 48.7°
■ Horizontal Beam Spread: 46.5°

Tested on 04/24/2026

Polar Candela Distribution



Beam Width: 12°

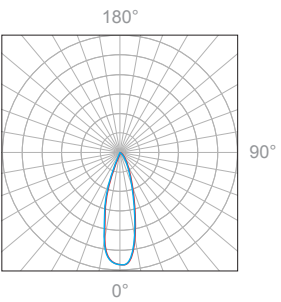


Illuminance at a Distance

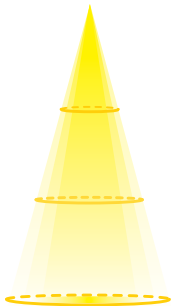
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	593fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	166fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	70fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	40fc	1.3ft	0.40m	1.3ft	0.40m
5.0ft	1.52m	26fc	1.7ft	0.52m	1.7ft	0.52m
6.0ft	1.83m	18fc	2.0ft	0.61m	2.0ft	0.61m

Delivered Lumen: 129 lm
■ Vertical Beam Spread: 19.0°
■ Horizontal Beam Spread: 19.0°

Polar Candela Distribution



Beam Width: 30°

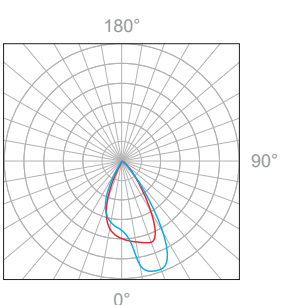


Illuminance at a Distance

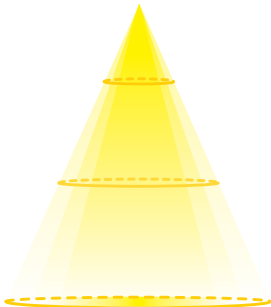
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	384fc	0.5ft	0.15m	0.5ft	0.15m
2.0ft	0.61m	104fc	1.0ft	0.30m	1.0ft	0.30m
3.0ft	0.91m	45fc	1.5ft	0.46m	1.5ft	0.46m
4.0ft	1.22m	25fc	2.0ft	0.61m	2.0ft	0.61m
5.0ft	1.52m	16fc	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.83m	12fc	3.0ft	0.91m	3.0ft	0.91m

Delivered Lumen: 149 lm
■ Vertical Beam Spread: 28.3°
■ Horizontal Beam Spread: 28.3°

Polar Candela Distribution



Beam Width: 50°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	60.7fc	1.4ft	0.42m	1.3ft	0.39m
2.0ft	0.61m	15.2fc	2.7ft	0.82m	2.6ft	0.79m
3.0ft	0.91m	6.75fc	4.1ft	1.25m	3.8ft	1.15m
4.0ft	1.22m	3.80fc	5.5ft	1.79m	5.1ft	1.55m
5.0ft	1.52m	2.43fc	6.9ft	2.22m	6.4ft	1.95m
6.0ft	1.83m	1.69fc	8.2ft	2.65m	7.7ft	2.34m

Delivered Lumen: 134.8 lm
■ Vertical Beam Spread: 49.1°
■ Horizontal Beam Spread: 46.1°

Tested on 04/24/2026

Appendix

Aluminum Finishes

B4



MA matte clear anodized

Stainless Steel Finishes



S6 stainless steel 316

Aluminum Finishes

B5



MA matte clear anodized

Aluminum Finishes



MA matte clear anodized

Shroud Options

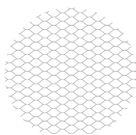


DS dry location shroud



WS wet location weep shroud

Accessories



ELB eggcrate louver, black