

L51

INTERIOR

Millwork & Cabinet | For ceilings, counters & cabinets

● Dry location



Shown with 120° with no accessories



Shown with 120° with **HS** (half shroud)
* Refer to Appendix for other shroud options.

Ordering Information

Clear Form

Date : _____

Quantity : _____

Project : _____

Note : _____

Type : _____

Specifications

Luminaire | Example Code: L51-2-W30H-W-NA-MA

Product	Version	CCT & CRI	Beam Angle	Shrouds ¹ (Accessories)	Finish ²
L51					
	1 1W	W22S 2200K 80+	W wide 120°	NA no accessories	Aluminum Finishes: MA matte clear anodized BA black anodized
	2 2W	W27H 2700K 90+	N narrow flood 30°	FS full shroud	
		W30H 3000K 90+	F flood 45°	HS half shroud	
		W35H 3500K 90+	S spot 12°	AS angled shroud	
		W41H 4100K 90+			

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

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

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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	64.7-95.8 lm
2W	700mA	2.6W	220 lm	113.6-167.5 lm

Application

Environment	Dry Location approved. IP 40.
Mounting	Surface mounts with screws. Optimal spacing is 18"-24" (457mm-610mm).

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

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
Weight	N/A
Material	Fixture: machined marine-grade aluminum
Supplied with	Standard installation: Comes with cross countersunk screws (#4 screw - 3/8" included) 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.
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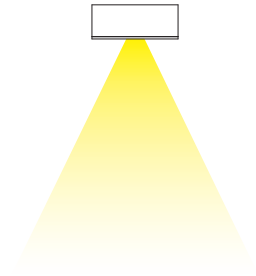
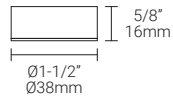
Mounting Options & Dimensions

LED Fixture Dimensions | Shown with 120° with NA (no accessories)

Fixture

Bottom View

3D View



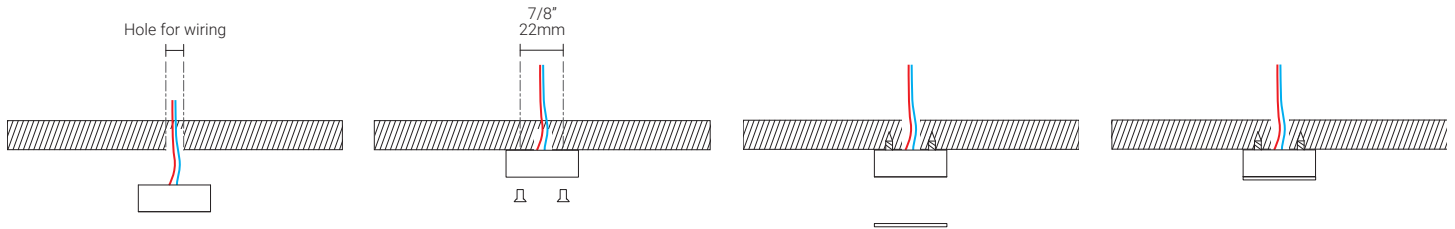
Surface mount Installation

Drill a hole for wiring.

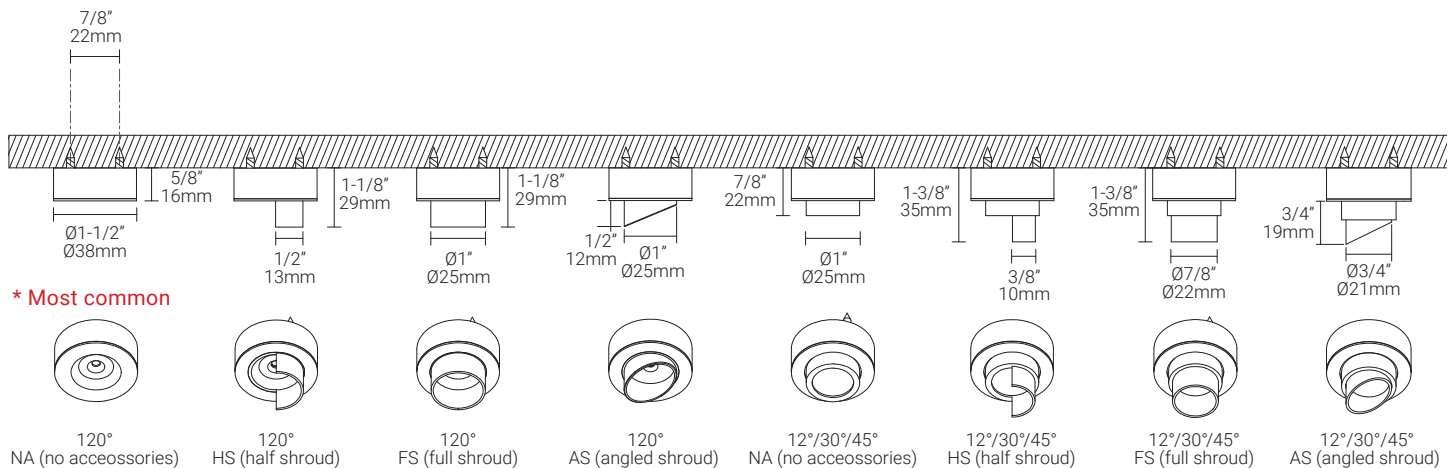
Secure fixture housing with screws.

Thread cover into LED housing.

Complete Installation

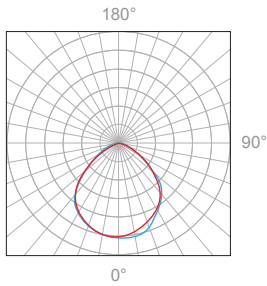


Shroud Options and Dimensions

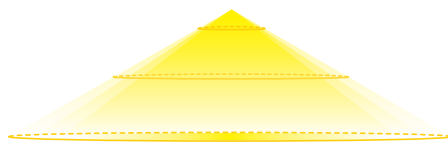


1W, 3000K, 90+ CRI, 120°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



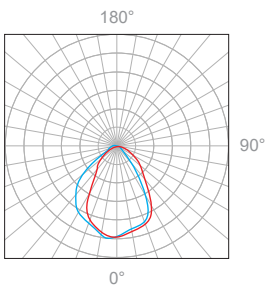
Illuminance at a Distance

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	1.83m	1.07fc	13.6ft	4.14m	13.6ft	4.14m

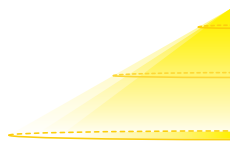
Delivered Lumen: 84.1 lm
 ■ Vertical Beam Spread: 97.3°
 ■ Horizontal Beam Spread: 97.2°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



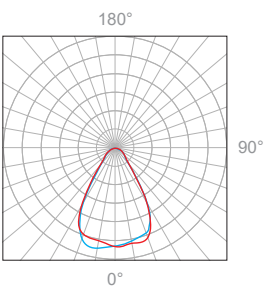
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	40.2fc	2.4ft	0.73m	1.8ft	0.54m
2.0ft	0.61m	10.1fc	4.9ft	1.49m	3.6ft	1.09m
3.0ft	0.91m	4.47fc	7.3ft	2.22m	5.4ft	1.64m
4.0ft	1.22m	2.51fc	9.7ft	2.95m	7.2ft	2.19m
5.0ft	1.52m	1.61fc	12.1ft	3.68m	9.0ft	2.74m
6.0ft	1.83m	1.12fc	14.6ft	4.45m	10.8ft	3.29m

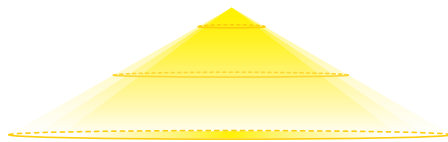
Delivered Lumen: 71.4 lm
 ■ Vertical Beam Spread: 101.1°
 ■ Horizontal Beam Spread: 83.9°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



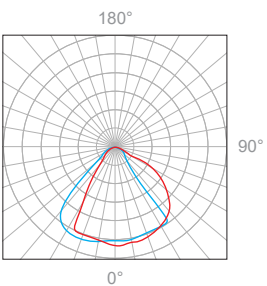
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	40.2fc	0.9ft	0.27m	1.2ft	0.37m
6.0ft	1.83m	10.1fc	1.8ft	0.54m	2.4ft	0.73m
9.0ft	2.74m	4.47fc	2.7ft	0.82m	3.6ft	1.10m
12.0ft	3.66m	2.51fc	3.6ft	1.09m	4.8ft	1.46m
15.0ft	4.57m	1.61fc	4.4ft	1.34m	6.0ft	1.83m
18.0ft	5.49m	1.12fc	5.3ft	1.61m	7.2ft	2.19m

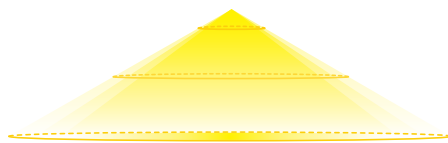
Delivered Lumen: 64.7 lm
 ■ Vertical Beam Spread: 48°
 ■ Horizontal Beam Spread: 61.7°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

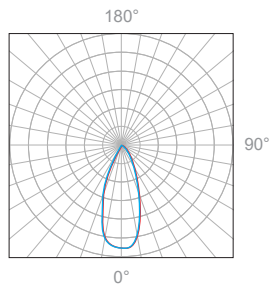
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	50.8fc	1.9ft	0.58m	1.8ft	0.54m
6.0ft	1.83m	12.7fc	3.8ft	1.15m	3.7ft	1.12m
9.0ft	2.74m	5.64fc	5.7ft	1.73m	5.5ft	1.67m
12.0ft	3.66m	3.17fc	7.6ft	2.31m	7.4ft	2.25m
15.0ft	4.57m	2.03fc	9.5ft	2.89m	9.2ft	2.80m
18.0ft	5.49m	1.41fc	11.3ft	3.44m	11.1ft	3.38m

Delivered Lumen: 77.2 lm
 ■ Vertical Beam Spread: 86.8°
 ■ Horizontal Beam Spread: 85.5°

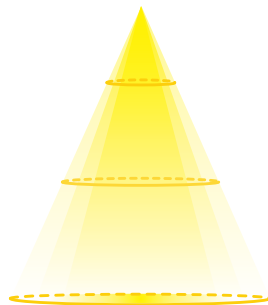
Tested on 23/05/2025

1W, 3000K, 90+ CRI, 45°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



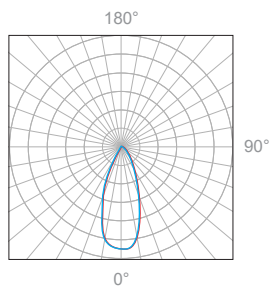
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	116fc	0.9ft	0.27m	0.9ft	0.27m
2.0ft	0.61m	28.9fc	1.8ft	0.54m	1.8ft	0.54m
3.0ft	0.91m	12.9fc	2.7ft	0.82m	2.7ft	0.82m
4.0ft	1.22m	7.24fc	3.5ft	1.06m	3.6ft	1.09m
5.0ft	1.52m	4.63fc	4.4ft	1.34m	4.6ft	1.40m
6.0ft	1.83m	3.22fc	5.3ft	1.61m	5.5ft	1.67m

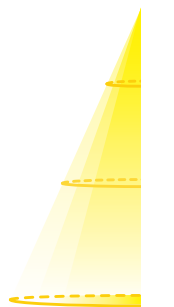
Delivered Lumen: 86.3 lm
 ■ Vertical Beam Spread: 47.9°
 ■ Horizontal Beam Spread: 49°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



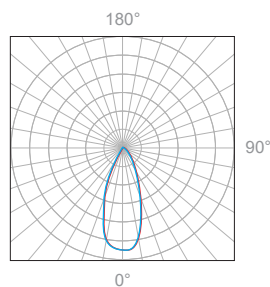
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	117fc	0.9ft	0.27m	0.9ft	0.27m
2.0ft	0.61m	29.3fc	1.7ft	0.51m	1.7ft	0.51m
3.0ft	0.91m	13.0fc	2.6ft	0.79m	2.6ft	0.79m
4.0ft	1.22m	7.34fc	3.5ft	1.06m	3.4ft	1.03m
5.0ft	1.52m	4.69fc	4.3ft	1.31m	4.3ft	1.31m
6.0ft	1.83m	3.26fc	5.2ft	1.58m	5.1ft	1.55m

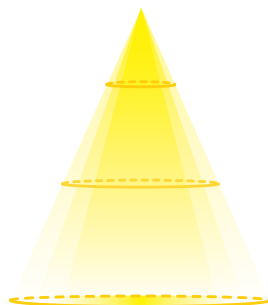
Delivered Lumen: 82.7 lm
 ■ Vertical Beam Spread: 47°
 ■ Horizontal Beam Spread: 46.2°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



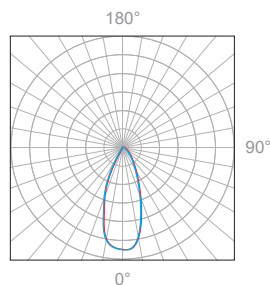
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	116fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	28.9fc	1.6ft	0.48m	1.6ft	0.48m
3.0ft	0.91m	12.9fc	2.4ft	0.73m	2.5ft	0.76m
4.0ft	1.22m	7.24fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	4.63fc	4.1ft	1.24m	4.1ft	1.24m
6.0ft	1.83m	3.22fc	4.9ft	1.49m	4.9ft	1.49m

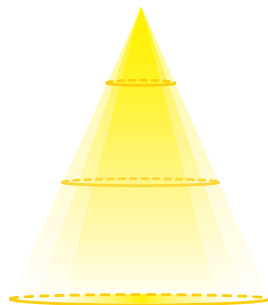
Delivered Lumen: 73.4 lm
 ■ Vertical Beam Spread: 44.4°
 ■ Horizontal Beam Spread: 44.5°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

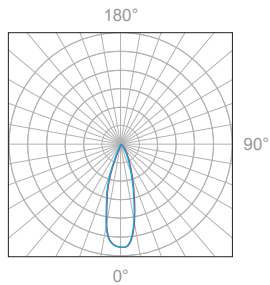
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	135fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	33.8fc	1.6ft	0.48m	1.7ft	0.51m
3.0ft	0.91m	15.0fc	2.5ft	0.76m	2.5ft	0.76m
4.0ft	1.22m	8.44fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	5.40fc	4.1ft	1.24m	4.1ft	1.24m
6.0ft	1.83m	3.75fc	4.9ft	1.49m	5.0ft	1.52m

Delivered Lumen: 87.4 lm
 ■ Vertical Beam Spread: 44.6°
 ■ Horizontal Beam Spread: 44.9°

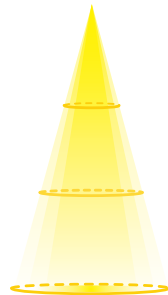
Tested on 23/05/2025

1W, 3000K, 90+ CRI, 30°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



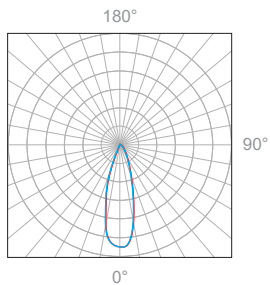
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	439fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	110fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	48.8fc	1.3ft	0.39m	1.3ft	0.39m
4.0ft	1.22m	27.4fc	1.7ft	0.51m	1.7ft	0.51m
5.0ft	1.52m	17.6fc	2.1ft	0.64m	2.1ft	0.64m
6.0ft	1.83m	12.2fc	2.5ft	0.76m	2.5ft	0.76m

Delivered Lumen: 95.8 lm
 ■ Vertical Beam Spread: 23.9°
 ■ Horizontal Beam Spread: 23.9°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



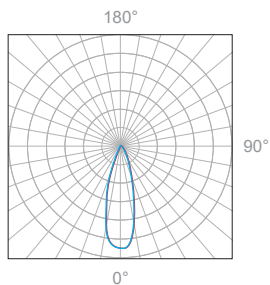
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	439fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	110fc	0.8ft	0.24m	0.9ft	0.27m
3.0ft	0.91m	48.8fc	1.2ft	0.36m	1.3ft	0.39m
4.0ft	1.22m	27.4fc	1.6ft	0.48m	1.7ft	0.51m
5.0ft	1.52m	17.6fc	2.1ft	0.64m	2.2ft	0.67m
6.0ft	1.83m	12.2fc	2.5ft	0.76m	2.6ft	0.79m

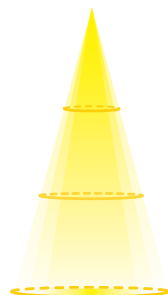
Delivered Lumen: 94.2 lm
 ■ Vertical Beam Spread: 23.2°
 ■ Horizontal Beam Spread: 24.4°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



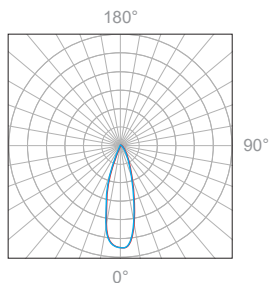
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	455fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	114fc	0.9ft	0.27m	0.8ft	0.24m
3.0ft	0.91m	50.6fc	1.3ft	0.39m	1.2ft	0.36m
4.0ft	1.22m	28.4fc	1.7ft	0.51m	1.6ft	0.48m
5.0ft	1.52m	18.2fc	2.1ft	0.64m	2.0ft	0.61m
6.0ft	1.83m	12.6fc	2.6ft	0.79m	2.4ft	0.73m

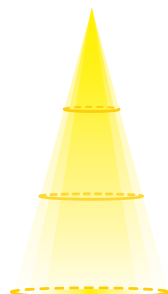
Delivered Lumen: 89.1 lm
 ■ Vertical Beam Spread: 24°
 ■ Horizontal Beam Spread: 22.5°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

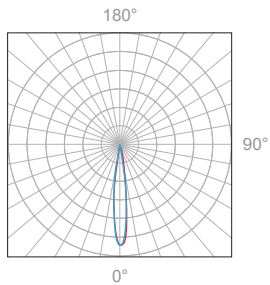
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	439fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	110fc	0.8ft	0.24m	0.9ft	0.27m
3.0ft	0.91m	48.8fc	1.2ft	0.36m	1.3ft	0.39m
4.0ft	1.22m	27.4fc	1.6ft	0.48m	1.7ft	0.51m
5.0ft	1.52m	17.6fc	2.0ft	0.61m	2.1ft	0.64m
6.0ft	1.83m	12.2fc	2.4ft	0.73m	2.5ft	0.76m

Delivered Lumen: 90.5 lm
 ■ Vertical Beam Spread: 22.6°
 ■ Horizontal Beam Spread: 23.8°

Tested on 23/05/2025

1W, 3000K, 90+ CRI, 12°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



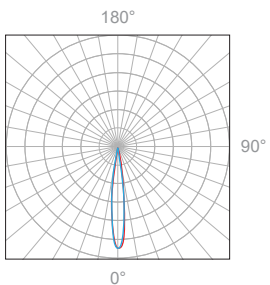
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	605fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	151fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	67.2fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	37.8fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	24.2fc	1.5ft	0.45m	1.6ft	0.48m
6.0ft	1.83m	16.8fc	1.8ft	0.54m	1.9ft	0.58m

Delivered Lumen: 92.1 lm
 ■ Vertical Beam Spread: 17.3°
 ■ Horizontal Beam Spread: 17.7°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



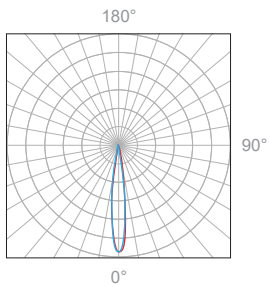
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	613fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	153fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	68.1fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	38.3fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	24.5fc	1.5ft	0.45m	1.5ft	0.45m
6.0ft	1.83m	17.0fc	1.8ft	0.54m	1.8ft	0.54m

Delivered Lumen: 89.3 lm
 ■ Vertical Beam Spread: 17.1°
 ■ Horizontal Beam Spread: 17.3°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



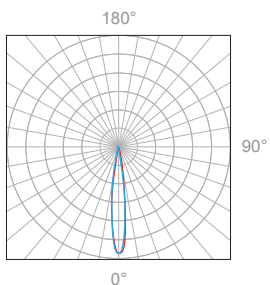
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	619fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	155fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	68.8fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	38.7fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	24.8fc	1.5ft	0.45m	1.5ft	0.45m
6.0ft	1.83m	17.2fc	1.8ft	0.54m	1.7ft	0.51m

Delivered Lumen: 83.8 lm
 ■ Vertical Beam Spread: 16.7°
 ■ Horizontal Beam Spread: 16.5°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

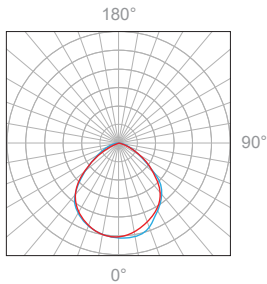
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	555fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	139fc	0.7ft	0.21m	0.7ft	0.21m
3.0ft	0.91m	61.6fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	34.7fc	1.3ft	0.39m	1.3ft	0.39m
5.0ft	1.52m	22.2fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	15.4fc	2.0ft	0.61m	2.0ft	0.61m

Delivered Lumen: 88.7 lm
 ■ Vertical Beam Spread: 18.6°
 ■ Horizontal Beam Spread: 18.5°

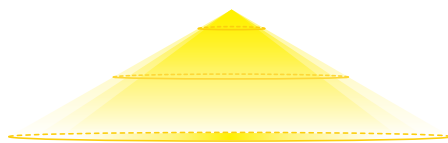
Tested on 23/05/2025

2W, 3000K, 90+ CRI, 120°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



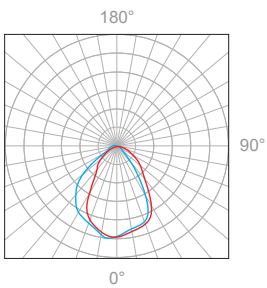
Illuminance at a Distance

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	1.83m	1.88fc	13.7ft	4.17m	13.6ft	4.14m

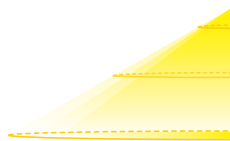
Delivered Lumen: 146.6 lm
 ■ Vertical Beam Spread: 97.4°
 ■ Horizontal Beam Spread: 97.0°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



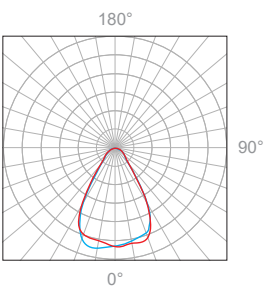
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	69.1fc	2.4ft	0.73m	1.7ft	0.51m
2.0ft	0.61m	17.3fc	4.8ft	1.46m	3.4ft	1.03m
3.0ft	0.91m	7.68fc	7.2ft	2.19m	5.1ft	1.55m
4.0ft	1.22m	4.32fc	9.6ft	2.92m	6.8ft	2.07m
5.0ft	1.52m	2.77fc	11.9ft	3.62m	8.5ft	2.59m
6.0ft	1.83m	1.92fc	14.3ft	3.23m	10.2ft	3.11m

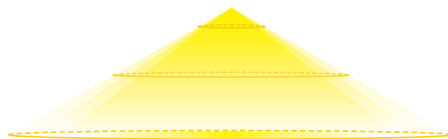
Delivered Lumen: 123.4 lm
 ■ Vertical Beam Spread: 100.1°
 ■ Horizontal Beam Spread: 80.7°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



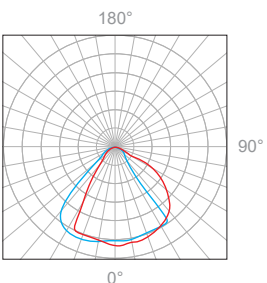
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	72.4fc	0.9ft	0.27m	1.2ft	0.37m
6.0ft	1.83m	18.1fc	1.8ft	0.54m	2.4ft	0.73m
9.0ft	2.74m	8.04fc	2.7ft	0.82m	3.6ft	1.10m
12.0ft	3.66m	4.52fc	3.6ft	1.09m	4.8ft	1.46m
15.0ft	4.57m	2.89fc	4.5ft	1.37m	6.0ft	1.83m
18.0ft	5.49m	2.01fc	5.4ft	1.64m	7.2ft	2.19m

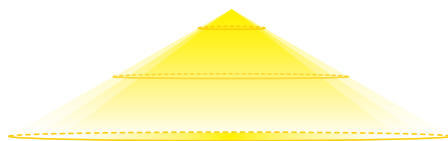
Delivered Lumen: 113.6 lm
 ■ Vertical Beam Spread: 48.3°
 ■ Horizontal Beam Spread: 61.8°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

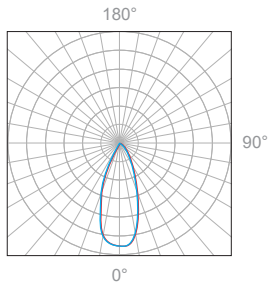
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	74.0fc	1.9ft	0.58m	1.8ft	0.54m
6.0ft	1.83m	18.5fc	3.8ft	1.15m	3.7ft	1.12m
9.0ft	2.74m	8.22fc	5.7ft	1.73m	5.5ft	1.67m
12.0ft	3.66m	4.62fc	7.6ft	2.31m	7.4ft	2.25m
15.0ft	4.57m	2.96fc	9.5ft	2.89m	9.2ft	2.80m
18.0ft	5.49m	2.05fc	11.4ft	3.47m	11.1ft	3.38m

Delivered Lumen: 136.6 lm
 ■ Vertical Beam Spread: 87°
 ■ Horizontal Beam Spread: 85.4°

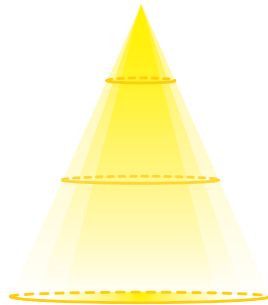
Tested on 23/05/2025

2W, 3000K, 90+ CRI, 45°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



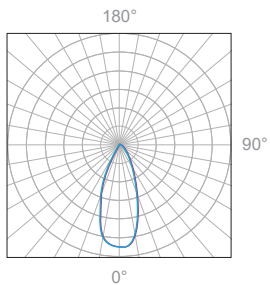
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	203fc	0.9ft	0.27m	0.9ft	0.27m
2.0ft	0.61m	50.6fc	1.8ft	0.54m	1.8ft	0.54m
3.0ft	0.91m	22.5fc	2.7ft	0.82m	2.7ft	0.82m
4.0ft	1.22m	12.7fc	3.6ft	1.09m	3.6ft	1.09m
5.0ft	1.52m	8.10fc	4.5ft	1.37m	4.6ft	1.40m
6.0ft	1.83m	5.63fc	5.4ft	1.64m	5.5ft	1.67m

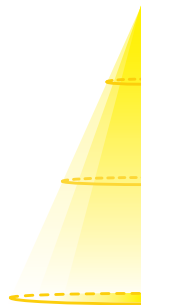
Delivered Lumen: 151.7 lm
 ■ Vertical Beam Spread: 48.3°
 ■ Horizontal Beam Spread: 49.0°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



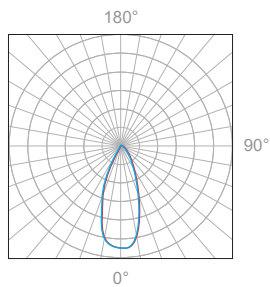
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	204fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	51.0fc	1.6ft	0.48m	1.6ft	0.48m
3.0ft	0.91m	22.7fc	2.5ft	0.76m	2.4ft	0.73m
4.0ft	1.22m	12.8fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	8.17fc	4.1ft	1.25m	4.1ft	1.25m
6.0ft	1.83m	5.67fc	4.9ft	1.49m	4.9ft	1.49m

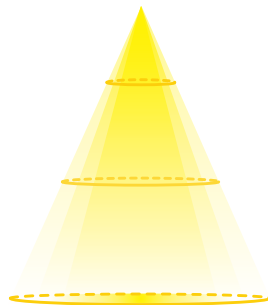
Delivered Lumen: 129.2 lm
 ■ Vertical Beam Spread: 44.8°
 ■ Horizontal Beam Spread: 44.3°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



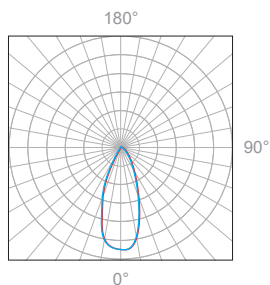
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	204fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	51.0fc	1.6ft	0.48m	1.6ft	0.48m
3.0ft	0.91m	22.7fc	2.5ft	0.76m	2.4ft	0.73m
4.0ft	1.22m	12.8fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	8.17fc	4.1ft	1.25m	4.1ft	1.25m
6.0ft	1.83m	5.67fc	4.9ft	1.49m	4.9ft	1.49m

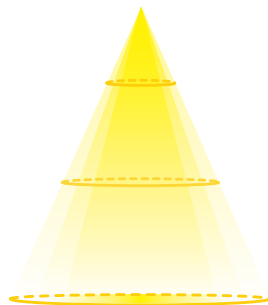
Delivered Lumen: 129.2 lm
 ■ Vertical Beam Spread: 44.8°
 ■ Horizontal Beam Spread: 44.3°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

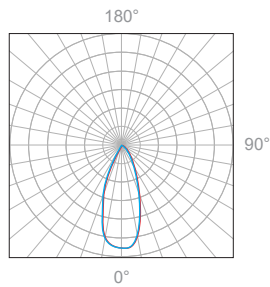
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	243fc	0.8ft	0.24m	0.8ft	0.24m
2.0ft	0.61m	60.7fc	1.7ft	0.51m	1.7ft	0.51m
3.0ft	0.91m	27.0fc	2.5ft	0.76m	2.4ft	0.73m
4.0ft	1.22m	15.2fc	3.3ft	1.00m	3.3ft	1.00m
5.0ft	1.52m	9.71fc	4.2ft	1.28m	4.1ft	1.25m
6.0ft	1.83m	6.74fc	5.0ft	1.52m	5.0ft	1.52m

Delivered Lumen: 158.6 lm
 ■ Vertical Beam Spread: 45.2°
 ■ Horizontal Beam Spread: 45°

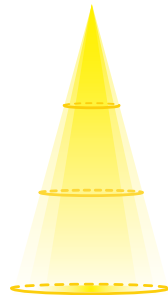
Tested on 23/05/2025

2W, 3000K, 90+ CRI, 30°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



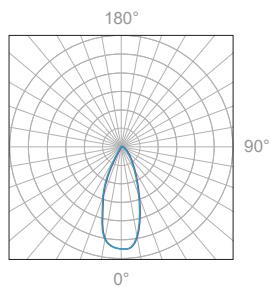
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	769fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	192fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	85.4fc	1.3ft	0.39m	1.3ft	0.39m
4.0ft	1.22m	48.0fc	1.7ft	0.51m	1.7ft	0.51m
5.0ft	1.52m	30.7fc	2.1ft	0.64m	2.1ft	0.64m
6.0ft	1.83m	21.3fc	2.5ft	0.76m	2.5ft	0.76m

Delivered Lumen: 167.5 lm
 ■ Vertical Beam Spread: 23.9°
 ■ Horizontal Beam Spread: 23.9°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



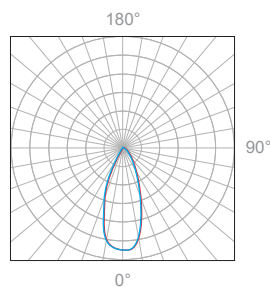
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	769fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	192fc	0.8ft	0.24m	0.9ft	0.27m
3.0ft	0.91m	85.4fc	1.2ft	0.36m	1.3ft	0.39m
4.0ft	1.22m	48.0fc	1.6ft	0.48m	1.7ft	0.51m
5.0ft	1.52m	30.7fc	2.0ft	0.61m	2.1ft	0.64m
6.0ft	1.83m	21.3fc	2.4ft	0.73m	2.6ft	0.79m

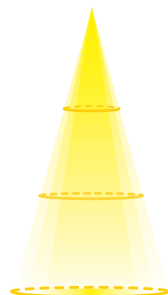
Delivered Lumen: 162.8 lm
 ■ Vertical Beam Spread: 23.1°
 ■ Horizontal Beam Spread: 24.2°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



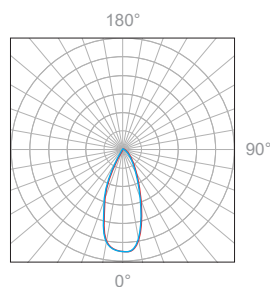
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	804fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	201fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	89.3fc	1.3ft	0.39m	1.2ft	0.36m
4.0ft	1.22m	50.2fc	1.7ft	0.51m	1.6ft	0.48m
5.0ft	1.52m	32.2fc	2.1ft	0.64m	2.0ft	0.61m
6.0ft	1.83m	22.3fc	2.5ft	0.76m	2.4ft	0.73m

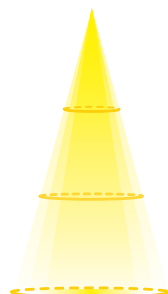
Delivered Lumen: 156.9 lm
 ■ Vertical Beam Spread: 24°
 ■ Horizontal Beam Spread: 22.4°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

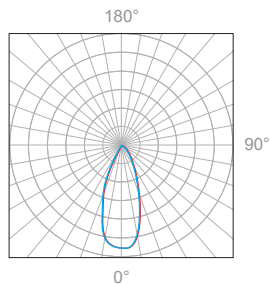
Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	785fc	0.4ft	0.12m	0.4ft	0.12m
2.0ft	0.61m	196fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	87.2fc	1.2ft	0.36m	1.3ft	0.39m
4.0ft	1.22m	49.0fc	1.6ft	0.48m	1.7ft	0.51m
5.0ft	1.52m	31.4fc	2.0ft	0.61m	2.1ft	0.64m
6.0ft	1.83m	21.8fc	2.4ft	0.73m	2.5ft	0.76m

Delivered Lumen: 161.5 lm
 ■ Vertical Beam Spread: 22.7°
 ■ Horizontal Beam Spread: 23.7°

Tested on 23/05/2025

2W, 3000K, 90+ CRI, 12°

Polar Candela Distribution With NA (no accessories)



Beam width shown with NA (no accessories)



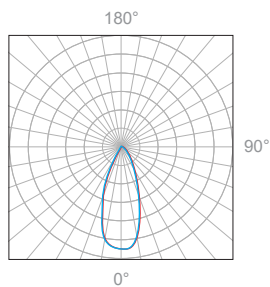
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1074fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	269fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	119fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	67.1fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	43.0fc	1.5ft	0.45m	1.6ft	0.48m
6.0ft	1.83m	29.8fc	1.8ft	0.54m	1.9ft	0.58m

Delivered Lumen: 162 lm
 ■ Vertical Beam Spread: 17.5°
 ■ Horizontal Beam Spread: 17.7°

Tested on 23/05/2025

Polar Candela Distribution With HS (half shroud)



Beam width shown with HS (half shroud)



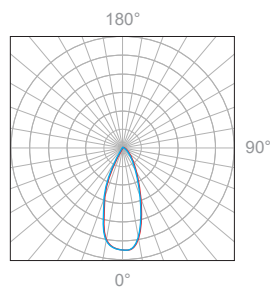
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1060fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	265fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	118fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	66.2fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	42.4fc	1.5ft	0.45m	1.5ft	0.45m
6.0ft	1.83m	29.4fc	1.8ft	0.54m	1.9ft	0.58m

Delivered Lumen: 158.7 lm
 ■ Vertical Beam Spread: 17.3°
 ■ Horizontal Beam Spread: 17.6°

Tested on 23/05/2025

Polar Candela Distribution With FS (full shroud)



Beam width shown with FS (full shroud)



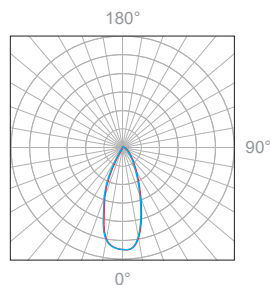
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	1079fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	270fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	120fc	0.9ft	0.27m	0.9ft	0.27m
4.0ft	1.22m	67.4fc	1.2ft	0.36m	1.2ft	0.36m
5.0ft	1.52m	43.2fc	1.5ft	0.45m	1.5ft	0.45m
6.0ft	1.83m	30.0fc	1.8ft	0.54m	1.7ft	0.51m

Delivered Lumen: 144.9 lm
 ■ Vertical Beam Spread: 16.7°
 ■ Horizontal Beam Spread: 16.6°

Tested on 23/05/2025

Polar Candela Distribution With AS (angled shroud)



Beam width shown with AS (angled shroud)



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.0ft	0.30m	892fc	0.3ft	0.09m	0.3ft	0.09m
2.0ft	0.61m	223fc	0.6ft	0.18m	0.6ft	0.18m
3.0ft	0.91m	99.1fc	1.0ft	0.30m	1.0ft	0.30m
4.0ft	1.22m	55.8fc	1.3ft	0.39m	1.3ft	0.39m
5.0ft	1.52m	35.7fc	1.6ft	0.48m	1.6ft	0.48m
6.0ft	1.83m	24.8fc	1.9ft	0.58m	1.9ft	0.58m

Delivered Lumen: 155.4 lm
 ■ Vertical Beam Spread: 18.1°
 ■ Horizontal Beam Spread: 18°

Tested on 23/05/2025

Appendix

Aluminum Finishes



MA matte clear anodized
W wide 120°
NA no accessories



BK black powder coat
W wide 120°
NA no accessories



W wide 120°
HS half shroud



W wide 120°
FS full shroud



S spot 12°/ **N** narrow 30°
NA no accessories



S spot 12°/ **N** narrow 30°
HS half shroud



S spot 12°/ **N** narrow 30°
FS full shroud