

Product Description

The MaxiLED Lighting Spotlight Series includes small but powerful LED projectors that smoothly illuminate with white or colorful lighting. Choose from three precise beam angles (15, 25 and 40 degree) to meet lighting requirements from narrow spots to medium floods. Use for interior or exterior lighting projects. Utilizes the latest CREE LEDs.



Product Specifications

- **Power Input:** 110-240VAC (50/60 Hz)
- **Power Output:** 48VAC with combined data over line voltage.
- **Watts:** 2.35W per fixture at full RGBW on.
- **Cable/Run Lengths:** 100 fixtures per run. 100 m (328 ft) maximum run length.
- **Environment:** Dry, damp, and wet locations (IP 68). Not for use as a submersible light. Proper drainage required.
- **Fixture Finishes:** Corrosion resistant anodized black or anodized silver.
- **Connectors:** Water-tight (IP 68) and self-locking.
- **Light Source:** Multi-chip LED with red, green, blue, and white dies.
- **Lumen Maintenance:** Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.
- **Cable:** 16 AWG. Weather resistant insulated rubber sheath with two core copper conductors.
- **Accessories:** Optional lighting cowl adds additional glare control.
- **Installation:** Surface mounted base or yard spike.
- **Lens:** UV stabilized tempered clear glass.
- **Distributions:** 15°, 25°, 40°, and 170° (no lens).
- **Operating Temperature:** -25° to 50°C (-13° to 122°F)
- **Listings:** UL/cUL (pending), CE

Product Views

SIDE VIEW



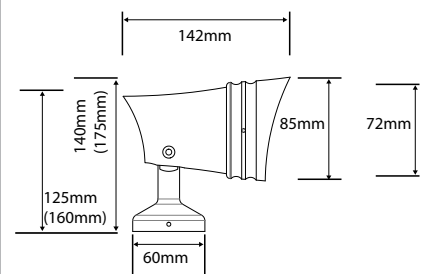
FRONT VIEW



SIDE VIEW WITH COWL



DIMENSIONS



Distributions



15° Distribution
Narrow Spot for columns, monuments, small trees, etc.



25° Distribution
Narrow Flood for monuments, paths, landscaping, etc.



40° Distribution
Flood for large trees, landscaping, walls, trellises, etc.



170° Distribution
Wide Flood for wash of large landscaping, walls, trellises, etc.

Ordering

EXAMPLES: SPT-RGBW-SM-CL40-M-100, SPT-RGBW-YS-CL15-I-36

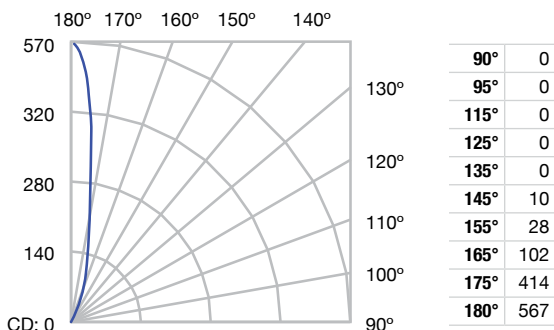
PRODUCT CODE	LED COLOR	GLARE CONTROL	LENS AND OPTICS	UNITS	LEAD
SPT	RGBW				
SPT Spotlight Series	RGBW Each fixture includes a RGBW (red, green, blue, and white) LED and uses four DMX-512 channels	YC Include lighting cowl NC No lighting cowl	CL15 Clear lens, 15° beam CL25 Clear lens, 25° beam CL40 Clear lens, 40° beam NL170 No lens, 170° beam	I Imperial M Metric	CMS OR INS Length of cable lead from fixture. 100 cm (39-3/8 in) standard

Photometrics

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Clear Lens, 15° beam (CL15)

POLAR CANDELA DISTRIBUTION

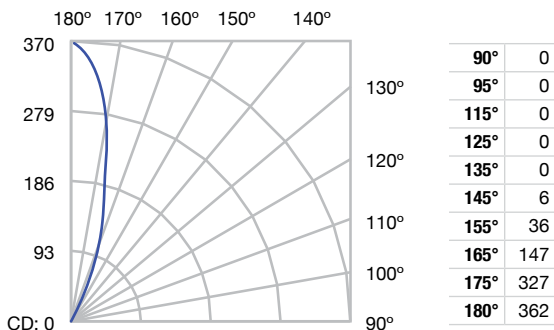


ILLUMINANCE AT DISTANCE

	Center Beam fc	Beam Width
17 ft	1.9 fc	4.8 ft
34 ft	0.49 fc	9.5 ft
51 ft	0.22 fc	14.3 ft
68 ft	0.12 fc	19.1 ft
85 ft	0.08 fc	23.8 ft
102 ft	0.05 fc	28.6 ft

Clear Lens, 25° beam (CL25)

POLAR CANDELA DISTRIBUTION



ILLUMINANCE AT DISTANCE

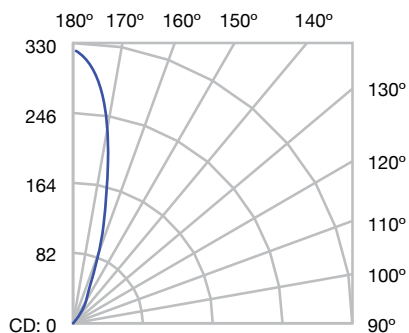
	Center Beam fc	Beam Width
17 ft	1.25 fc	7.9 ft
34 ft	0.31 fc	15.7 ft
51 ft	0.14 fc	23.6 ft
68 ft	0.08 fc	31.5 ft
85 ft	0.05 fc	39.3 ft
102 ft	0.03 fc	47.2 ft

Photometrics

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Clear Lens, 40° beam (CL40)

POLAR CANDELA DISTRIBUTION



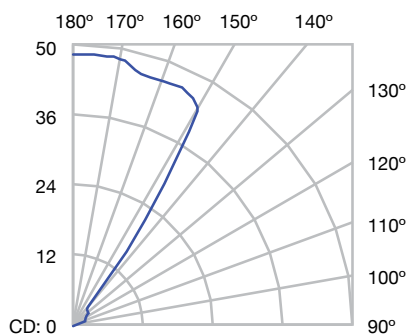
90°	0
95°	0
115°	0
125°	0
135°	0
145°	8
155°	33
165°	136
175°	297
180°	323

ILLUMINANCE AT DISTANCE

	Center Beam fc	Beam Width
	1.12 fc	8.2 ft
17 ft	0.28 fc	16.4 ft
34 ft	0.12 fc	24.6 ft
51 ft	0.07 fc	32.8 ft
68 ft	0.04 fc	41.0 ft
85 ft	0.03 fc	49.2 ft
102 ft		

No Lens, 170° beam (NL170)

POLAR CANDELA DISTRIBUTION



90°	0
95°	0
115°	2
125°	3
135°	3
145°	18
155°	42
165°	43
175°	45
180°	44

ILLUMINANCE AT DISTANCE

	Center Beam fc	Beam Width
	0.15 fc	22.5 ft
17 ft	0.04 fc	45.1 ft
34 ft	0.02 fc	67.6 ft
51 ft	0.01 fc	90.1 ft
68 ft	0.01 fc	112.6 ft
85 ft	0.00 fc	135.2 ft
102 ft		

Notes

INSTALLATION, ACCESSORIES, AND WIRING: SEE WWW.MAXILEDLIGHTING.COM OR CONTACT FACTORY