

LITETILE SPECTRUM 4

PRELIMINARY

April 2025

LiteTile Spectrum 4 is a powerful addition to the LiteGear family of products. With an entirely redesigned light engine, weatherproof housing, lightweight design, and compatibility with existing LiteGear dimmers, the LiteTile Spectrum is in a league all its own. Like the LiteTile Plus, LiteTile Spectrum is constructed of a durable and foldable engineered fabric housing which enables a vast number of applications and flexibility. LiteTile Spectrum 4 features four light engines.

SPECIFICATIONS

Product Name: LiteTile Spectrum 4

Beam Angle: 120° HPA

Input Voltage: 48VDC

Input Current: 1.1A per module

LE Wattage: 50W Nominal per module

Total Power: 200W Nominal (240W Maximum)

LED Mixture: Red, Green, Blue, Amber, Cyan, Lime

Color Temperature Range: 1,700K to 20,000K

Tint Control: Full plus and minus green adjustment

Dimming Range: 0 to 100% Continuous (When paired with a compatible LiteGear Dimmer)

Colored Light: Wide gamut hue and saturation control

Estimated LED Lifetime: 50,000 hrs

Power & Data Connector: PDX

Pixels: 32 individual medium format pixels

IP Rating: IP65

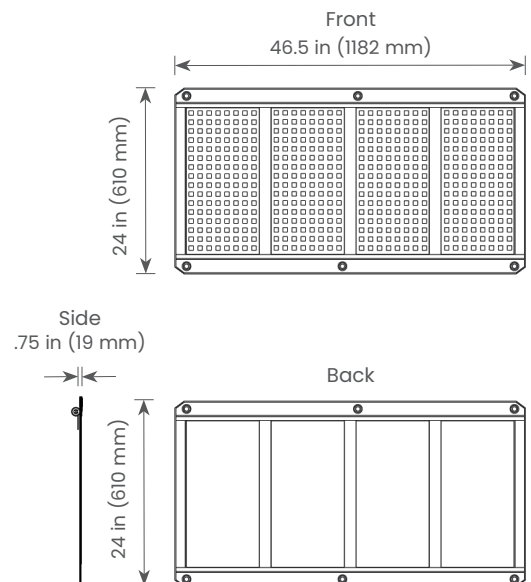
Max Operating Temp: 122°F (50°C)

Weight: 7.9 lbs (3.6 kg)

Color Rendition: CRI Average: >= 95
TLCI Average: >= 90
TM-30: >= 93

Total LED Quantity: 3,072

Dimensions: Height: 24 in (610 mm)
Width: 46.5 in (1182 mm)
Depth: 0.75 in (19 mm)



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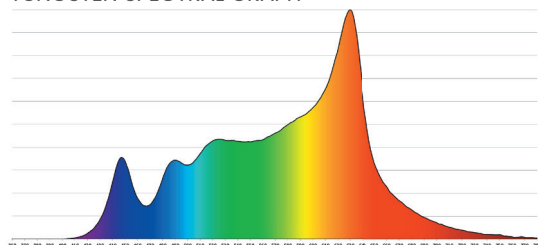
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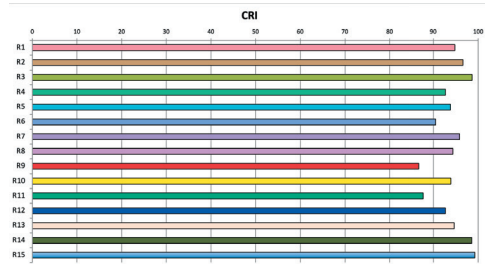
PHOTOMETRIC DATA

Diffusion	Color Temp.	3.3 ft, FC (spread, ft)	1 m, Lux (spread, m)	9.8 ft, FC (spread, ft)	3 m, Lux (spread, m)	16.4 ft, FC (spread, ft)	5 m, Lux (spread, m)	23 ft, FC (spread, ft)	7 m, Lux (spread, m)	29.5 ft, FC (spread, ft)	9 m, Lux (spread, m)	39.4 ft, FC (spread, ft)	12 m, Lux (spread, m)
None	3,200K	534	5,747	77	825	28	307	14	156	9	95	5	53
	5,600K	519	5,579	71	763	26	284	13	144	8	88	5	49

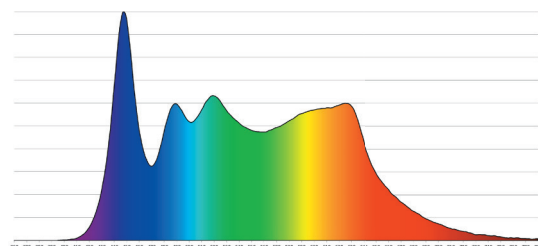
TUNGSTEN SPECTRAL GRAPH



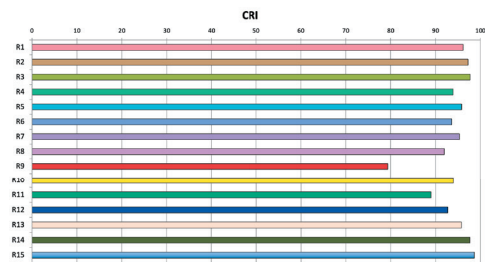
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LT1.00103 LiteTile 4 Spectrum Head

Dimmer

LD1.00129 LiteDimmer Spectrum AC/DC 200, no powerCON

LD1.00130 LiteDimmer Spectrum AC/DC 400, no powerCON

LD1.00128 LiteDimmer Spectrum AC 600, no powerCON

Cable

CA1.00124 PDX Extension Cable 25 ft (7.5 m)

CA1.00126 PDX Extension Cable 50 ft (15 m)

CA1.00120 powerCON TRUE1 TOP Mains Cable, Edison 3 m

CA1.00123 powerCON TRUE1 TOP Mains Cable, Schuko 3 m

CA1.00119 powerCON TRUE1 TOP Mains Cable, Bare Ends 3 m, US

CA1.00118 powerCON TRUE1 TOP Mains Cable, Bare Ends 3 m, Int.

CA1.00122 powerCON to powerCON US (4 m)

CA1.00121 powerCON to powerCON INT (4 m)

Carrying Bag

LT2.00150 LiteTile 4, Carrying Bag

AirGlow Frame

LT2.00152 LiteTile AirGlow Frame 2 x 4 (for 1x LiteTile 4)