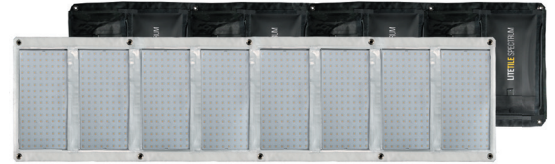


LITETILE SPECTRUM 8

PRELIMINARY

April 2025

LiteTile Spectrum 8 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 8 features eight light engines.



SPECIFICATIONS

Product Name: LiteTile Spectrum 8

Beam Angle: 120° HPA

Input Voltage: 48VDC

Input Current: 1.1A per module

LE Wattage: 50W Nominal per module

Total Power: 400W Nominal (480W 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: 64 individual medium format pixels

IP Rating: IP65

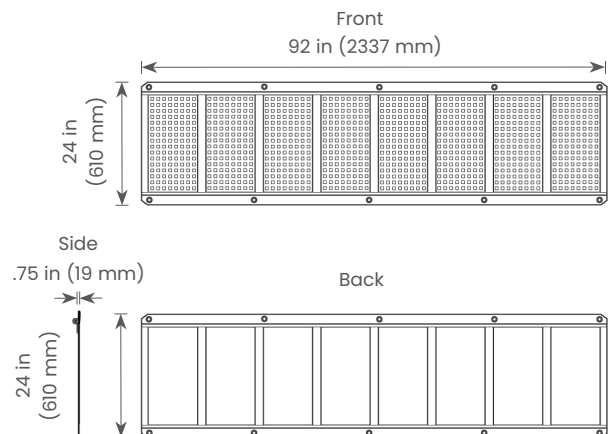
Max Operating Temp: 122°F (50°C)

Weight: 15.7 lbs (7.1 kg)

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

Total LED Quantity: 6,144

Dimensions: Height: 24 in (610 mm)
 Width: 92 in (2337 mm)
 Depth: 0.75 in (19 mm)



LITETILE SPECTRUM 8

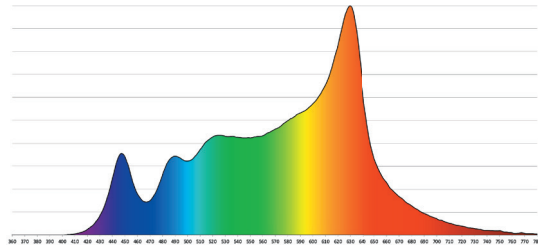
PRELIMINARY

April 2025

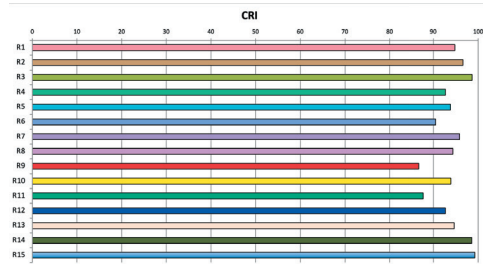
PHOTOMETRIC DATA

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	1,509	16,241	216	2,330	80	866	41	440	25	268	14	150
	5,600K	1,430	15,382	195	2,104	73	782	37	398	22	242	13	136

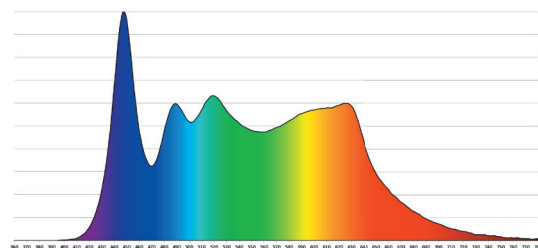
TUNGSTEN SPECTRAL GRAPH



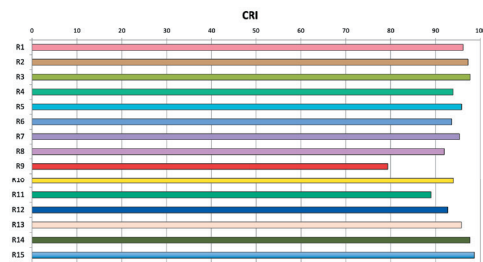
TUNGSTEN COLOR INDEX



DAYLIGHT SPECTRAL GRAPH



DAYLIGHT COLOR INDEX



ACCESSORIES

Head

LT1.00105 LiteTile 8 Spectrum Head

Dimmer

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

LT2.00151 LiteTile 8, Carrying Bag

AirGlow Frame

LT2.00153 LiteTile AirGlow Frame 4 x 8 (for 2x LiteTile 8s)