



COLOR SPECIFIC 16mm LED TILES

From scenic effects, DJ Booth surrounds, to massive LED Walls, the CS 16mm mesh panel is perfect for a number of applications.

TECHNICAL SPECIFICATIONS

LEDS	Pixel Pitch	16mm SMD
	Pixel Configuration	1R1G1B
Cabinet	LED Panel Resolution	48 w x 48 h (pixels)
	LED Cabinet Dimensions	W: 768mm / 30.24 in.; H: 768mm / 30.24 in.; D: 158.2mm / 6.22 in.
	LED Cabinet Area	0.59 sqm. / 6.35' sq.
	Transparency Ratio	30% (0% Transparency w/rear masks installed)
	Brightness	5,000 nits
	Viewing Angle	Horizontal: ≥ 120°; Vertical: ≥ 60°
	Processing Depth	16 bits
	Display Refresh Rate	1440 Hz
Power Supply	Power Consumption (max.)	≤ 630 watts/sqm.
	Power Consumption (avg.)	≤ 210 watts/sqm.
	Input voltage	AC 110 or 220 V ±10%
Mechanical Design	LED Cabinet Weight	21kg / 46.3 lbs.
	Structure	Die-cast Aluminum Cabinet
	Ingress Protection	Indoor/Outdoor: IP65
	Serviceability	Front & Rear Access
Support	Support Options	Flown, Ground-Supported
Flexibility	Degree screen can curve	150 - 170 degree (convex), Concave TBD
Certifications	Certifications	CE, RoHS, FCC, ETL, CCC

The 16mm SMD LED chip from Cree allows this product to be used in situations where image quality and color calibration are of the utmost importance. Broadcast clients will appreciate the high refresh rate. Concert clients will appreciate the lightweight die cast aluminum frame. The panels transport as two 4x4 pieces on touring carts, partially pre-cabled, ready for fast-rig productions.

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