



LumiSheet™

LED Light Panel



ELECTRICAL

Input Voltage	12 Volt DC - Constant Voltage
Power Consumption	4.0 Watts/ft (Standard) 5.0 Watts/ft (High Output)
Wire Size	20 AWG 2 wire
Wiring	Each panel must have direct connection to power supply. Do not wire panels in series.
Connector	2.1/5.5mm barrel plug. Standard 5' (1500mm), Optional 10' (3000mm)
Certification	UL / cUL (E346146, E325925)

PHYSICAL

Color Temperature	Warm White approx. 3000K Neutral White approx. 4100K Pure/Cool White approx. 5300K White Adjustable 3000K - 6500K * Color Adjustable RGB
Mounting	Wall mounted with screws, Z-clips, U-channel, mirror clips or standoffs
Operating Temperature	-30°C (-22°F) ~ + 40
Environment	Dry location only (Standard) Wet location (Additional protection by others required)
Thickness	** 8MM (Standard), 4MM, 6MM and 10MM also available depending on application
Minimum Size	2"W x 2"L x 5/16" D (50mm x 50mm x 8mm)
Maximum Size	59"W x 118"L x 5/16"D (1499mm x 2997mm x 8mm)
Weight	1.95 lbs/sq. ft. 9.54 kg/sq. M
* See RGB product line for more details	** Please consult an Evo-Lite™ sales engineer if a thickness other than 8MM is desired

STANDARD PLUG-IN POWER ADAPTORS

Power Adaptors	12V DC, 1A, 12W, UL Listed 12V DC, 5A, 60W UL class 2 listed
Spider Cables	PL-2: 2-way long spider cable PL-4: 4-way long spider cable PS-2 / PS-4 / PS-6: 2/4/6-way short spider cable

STANDARD HARDWIRE POWER ADAPTORS

Power Adaptors	PA-60W-HW 60W 12V Hardwire power adaptor Input 110V AC ~ 240V AC PA-150W-HW 150W 12V Hardwire power adaptor Input 110V AC ~ 240V AC
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DIMMING & CONTROLS

Refer to dimming & control options

SPECIAL FEATURES

Custom Shapes	•
Full Integration Support	•
3D V-Cutting Technology	•
High Brightness	• (2,000 - 10,000 LUX)
Consistent Light Quality	•
Patented Heat Sink Technology	•
Low Power Consumption	• (70% Less than fluorescent)
Energy Saving & Maintenance Free	•
Advanced 3-Year Warranty	•

BRIGHTNESS & POWER CONSUMPTION REFERENCE

Size (IN)	Size (MM)	LED Strip	*Avg Surface Brightness (LUX)	Power Consumption (W)
6 x 6	150 x 150	1 side	5,000 (DL)	2.0
12 x 12	300 x 300	1 side	3,500 (DL)	4.0
24 x 24	600 x 600	2 sides	2,800 (DL)	15.0
36 x 36	900 x 900	2 sides	2,000 (DL)	23.0
48 x 48	1200 x 1200	2 sides	1,800 (HO)	40.0
48 x 96	1200 x 2400	2 sides	1,800 (HO)	80.0
Ø 6	Ø 150	all around	17,000 (DL)	5.8
Ø 12	Ø 300	all around	11,000 (DL)	11.2
Ø 24	Ø 600	all around	4,500 (DL)	24.0
Ø 36	Ø 900	all around	3,000 (DL)	36.0
Ø 48	Ø 1200	all around	2,200 (DL)	48.0

*Brightness data was measured from Jan. to Aug., 2009. "DL" denotes regular LEDs.

PROFILE OF LUMISHEET

