



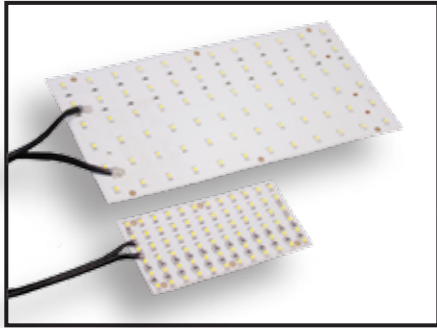
LITEGEAR

SPECIALTY LIGHTING GEAR

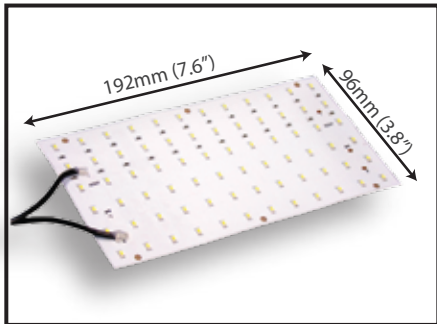
litecard

FLEXIBLE LED ARRAY

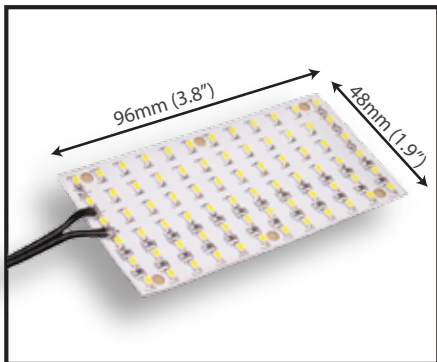
LED LITECARD - VHO 8MM, VHO 16MM SINGLE COLOR, WARM WHITE & COOL WHITE



LED LiteCards, 16mm and 8mm



VHO LiteCard 16mm



VHO LiteCard 8mm



LiteCard Kit

PRODUCT NAME

VHO LED LiteCard Warm White, Cool White, 16mm, 8mm

LiteCard: The newest building blocks for your next great idea.

FEATURES

LiteCard is a flexible sheet of light composed of a multiple array of low profile LED emitters. They are arranged in a 2:1 ratio, and are mounted to a flexible adhesive backed circuit board. LiteCard is designed for use where requirements are: consistent, bright, even light with low power consumption.

VHO LiteCards are available in 2 sizes:

- LiteCard 8 has dimensions of 48x96mm with emitters at 8mm spacing
- LiteCard 16 has dimensions of 96x192mm with emitters on 16mm spacing

LiteCard 8 and 16 each have 72 emitters that are identical to VHO LiteRibbon. They are available in either Warm White (3000k), or Cool White (6000k). LiteCard 8 and 16 can be cut at each vertical row to create custom sizes. LiteCard 8 is an incredibly bright light source that packs the maximum amount of LED's into a small surface area. Litecard 16 spreads the LEDs out to 4 times the area making it great to augment the light from a computer screen or for use in an automobile. LiteCards draw just 1 amp of 12v DC power and use the same controls, cables and power distribution that VHO LiteRibbon uses.

LiteCards are able to provide a stunning amount of light all in a package that is thinner than 2 credit-cards and roughly the size of an iPhone (8mm) and an iPad (16mm). And each one can run on a pack of AA batteries for 2 hours!

LITECARD FEATURES

- Cover areas quickly and evenly
- Low power consumption
- Cut to desired size
- Flexible sheet of light.
- Can adhere and contour to surfaces
- Very low profile
- High output
- Fully dimmable

LITECARD USES

- Easily create custom light fixtures
- Television/computer screen effects
- Automobile interiors, for day or night
- Lighting architectural elements
- Augment practicals or handheld props





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LITECARD 8MM SPECIFICATIONS

LC-WW-8, WARM WHITE / TUNGSTEN

LC-CW-8, COOL WHITE / DAYLIGHT

SIZE: 48mm (1.9") wide x 96mm (3.8") long x 1.8mm (.07") tall

ELECTRICAL: 12V DC, (8-13v) 12 watts, 1 amp per unit

PHYSICAL: 72 LED'S arranged 6 x 12, on 8mm (.32") centers, flexible and cuttable in 48mm direction

LIFESPAN: 50,000 Hours (depending on environmental conditions)

OPTICAL: 120° Beam angle

LITECARD 16MM SPECIFICATIONS

LC-WW-16, WARM WHITE / TUNGSTEN

LC-CW-16, COOL WHITE / DAYLIGHT

SIZE: 96mm (3.8") wide x 192mm (7.6") long x 1.8mm (.07") tall

ELECTRICAL: 12V DC, (8-13v) 12 watts, 1 amp per unit

PHYSICAL: 72 LED'S arranged 6 x 12, on 16mm (.63") centers, flexible and cuttable in 96mm direction

LIFESPAN: 50,000 Hours (depending on environmental conditions)

OPTICAL: 120° Beam angle

CURRENT CALCULATIONS

Multiply LED quantity by 0.013 = Amperage

PHOTOMETRICS

Color / Model	Kelvin Temp.	Footcandles at	3"	6"	12"	18"	2'	3'	4'	5'	6'
LiteCard 8mm Warm White	3000° K		2140	636	172	79	45	20.8	11.8	8	5.9
LiteCard 16mm Warm White	3000° K		1600	656	202	97	56	25	14.8	9.9	7.3
LiteCard 8mm Cool White	6000° K		3100	1040	240	102	60	27.7	16.5	11.4	8.5
LiteCard 16mm Cool White	6000° K		1830	850	223	108	60	27.7	16.5	11.4	8.5

