

Product Description

VaOpto's LED Module IP67 Series is an energy-efficient, lead-free, UV-free, and long-lasting cold lighting source. In comparison to traditional light sources, VaOpto's LED Module IP67 Series reduces energy consumption by 50%-75%.

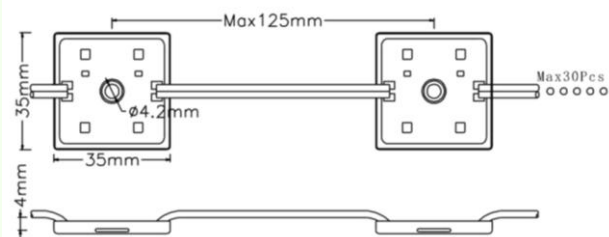
Product Information

- Cool White: CRI > 80
- Neutral White: CRI > 80
- Warm White: CRI > 80
- Work voltage: 12V DC
- Viewing angle: 110°
- Three-year limited warranty

Ordering Information

ZLS-PCBC-XT Series (X may be R, Y, G, B, CW, NW, WW)

Part Number	Color	Size(in)	Power (W)	LED Qty. /module	Luminosity (LM)	Wavelength/CCT
ZLS-PCBC-RT	Red	1.38×1.38×0.2	0.60	4	15	625nm
ZLS-PCBC-YT	Yellow	1.38×1.38×0.2	0.60	4	15	589nm
ZLS-PCBC-GT	Green	1.38×1.38×0.2	0.72	4	12	515nm
ZLS-PCBC-BT	Blue	1.38×1.38×0.2	0.36	4	3	470nm
ZLS-PCBC-CWT	Cool white	1.38×1.38×0.2	0.36	4	10	5500-8000K
ZLS-PCBC-NWT	Neutral white	1.38×1.38×0.2	0.36	4	10	3500-5500K
ZLS-PCBC-WWT	Warm white	1.38×1.38×0.2	0.36	4	10	2600-3500K



ZLS-PCB-XT Series (X may be R, Y, G, B, CW, NW, WW)

Part Number	Color	Size(in)	Power (W)	LED Qty. /module	Luminosity (LM)	Wavelength/CCT
ZLS-PCB-RT	Red	2×0.47×0.2	0.42	4	10	625nm
ZLS-PCB-YT	Yellow	2×0.47×0.2	0.42	4	10	589nm
ZLS-PCB-GT	Green	2×0.47×0.2	0.36	4	12	515nm
ZLS-PCB-BT	Blue	2×0.47×0.2	0.36	4	3	470nm
ZLS-PCB-CWT	Cool white	2×0.47×0.2	0.36	4	10	5500-8000K
ZLS-PCB-NWT	Neutral white	2×0.47×0.2	0.36	4	10	3500-5500K
ZLS-PCB-WWT	Warm white	2×0.47×0.2	0.36	4	10	2600-3500K



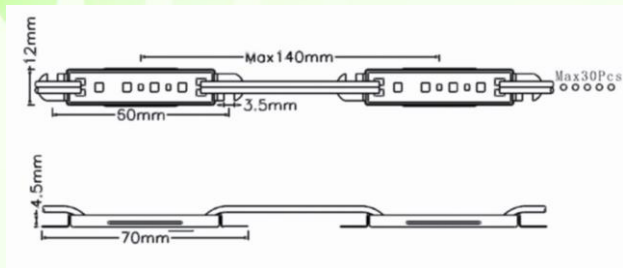
E301137



VaOpto
LED Manufacturer

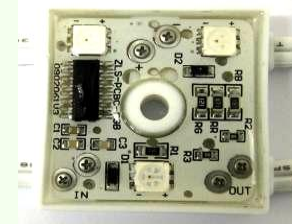
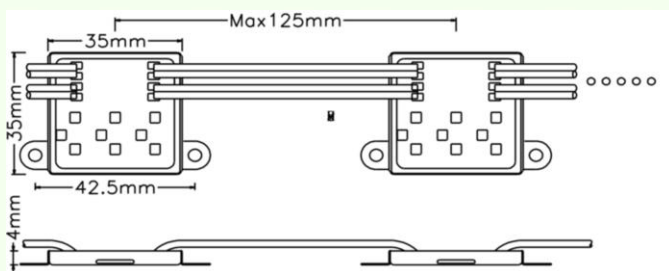
IP67

LED Module



ZLS-PMBC-X Series (X may be C, RGB)

Part Number	Color	Size(in)	Power (W)	LED Qty. /module	Luminosity (LM)
ZLS-PMBC-C	RGB	1.38×1.38×0.2	0.84	9	12
ZLS-PCBC-RGB3	RGB	2.13×0.47×0.2	0.78	3	10



Energy Star Performance

- Lamps designed to produce at least 70% of initial light output after 25,000 hours

Power

- Input Voltage: 12V DC

Certifications

- cULus File # E301137

Installation

For installation information please refer to the installation guide found on our website, www.vaopto.com.