Magnalight.com Adds More Powerful LED Infrared Flood Lights and Spot Lights

Larson Electronics' magnalight.com offers several new infrared LED emitter lights for military, security and commercial applications. Ranging from ultra-compact infrared LED trailing lights and grill lights to 240 watt infrared LED light emitters for the military MRAP, MATV and HUMVEE vehicles, magnalight.com continues to develop new infrared LED lights that feature low amp draw and high light energy output.

Larson Electronics' magnalight.com added several new infrared LED flood lights and spotlights. Ranging from single 3 watt LED IR emitters to 240 watt LED infrared lights, magnalight.com offers a variety of configurations to suit a multitude of applications. The two latest additions come at either end of the size spectrum, with the http://www.magnalight.com/pc-46408-186-240w-led-light--80-leds--visible-... [1] [LEDLB-80X2-VIR infrared LED MRAP light] at 240 watts and 14,400 lumens and the https://www.magnalight.com/pc-46707-186-infrared-led-light--3-watts--180... [2] LEDLB-1-IR 2 inch square infrared LED light with 180 lumens output.

The 240 watt infrared LED emitter light can be configured with all infrared LEDs or 2 rows of visible light and 2 rows of infrared light. With separate power connections for the visible and covert lighting, military personnel can attach one power lead to their black out systems on the MRAP and MATV military vehicles. When they go into black out mode, the visible lighting will be cut, but 7200 lumens of infrared lighting will continue to illuminate the surroundings with night vision support. Measuring approximately 21 inches long, 5 inches high and 3 inches deep, the LEDLB-80X2-VIR can be configured for infrared 850nm or 940nm.

Like the larger sibling, the LEDLB-1-IR can also be configured for 850nm or 940nm wavelength infrared LEDs. Measuring 2 inches by 2 inches by 2 inches, the LEDLB-1-IR infrared emitter is applicable as an infrared grill light or infrared trailing light. Other applications include motorcycles, ATVs and other small off-road military vehicles. A special handlebar mount is now available the for the small infrared emitter light.

"We continue to develop a wider range of infrared LED lights for military, security and commercial applications," said Rob Bresnahan with Larson Electronics' magnalight.com. We learned about infrared covert lighting applications when developed an infrared cover for our HML-5M Escalation of Force Kit spotlight and infrared headlight covers for the military HUMVEE. Now and then, we continue to produce infrared filter covers from vacuum coated borosilicate. By using this process, we are able to preserve more than 90 percent of the emitted light energy. We continue to manufacture these infrared covers for other high powered HID spotlights, like our RL-11 and RL-10 rechargeable HID spotlight models. We used

vacuum coated glass to preserve the light energy. We make and sell “plastic” type infrared filter covers as well for some of our vehicle mounted spotlights, like the HID-6550-S HID spotlight series, but we really looked to preserve the light energy output. That is why we were so attracted to infrared LED lighting. Much like the vacuum coating process, where we can define the cut on and cut off of wavelengths, we can define the specific wavelength we want to produce by simply selecting the right LED. By packaging that LED with specific types of optics, we can create spot or flood light patterns. It is a very efficient means of producing LED lighting, since we are only consuming amps to produce only the bandwidth we need and nothing else.”

Rob continued, “While we anticipated military and security applications for infrared LED lighting, we have seen a variety of other applications that we did not anticipate in the industrial and commercial sectors. As such, we have developed underwater LED lighting with our https://www.magnalight.com/p-46774-underwater-led-light-to-60-meters--al... [3] [LED-EUL4 underwater light], which also serves as an infrared dome light. Even the consumer market has really adopted the use of infrared lighting for security, hunting and other common applications,” Rob concluded.

Larson Electronics’ magnalight.com offers a wide array of LED lighting, ranging from infrared LED lighting to visible LED lighting. Applications included explosion proof LED lights, handheld LED hunting lights, vehicle mounted infrared LED lights and a wide range of LED boat lights, LED engine room lights and underwater LED lights. You can learn more about Larson Electronics’ LED lights at magnalight.com or contact 1-800-369-6671 (1-214-616-6180 international).

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