

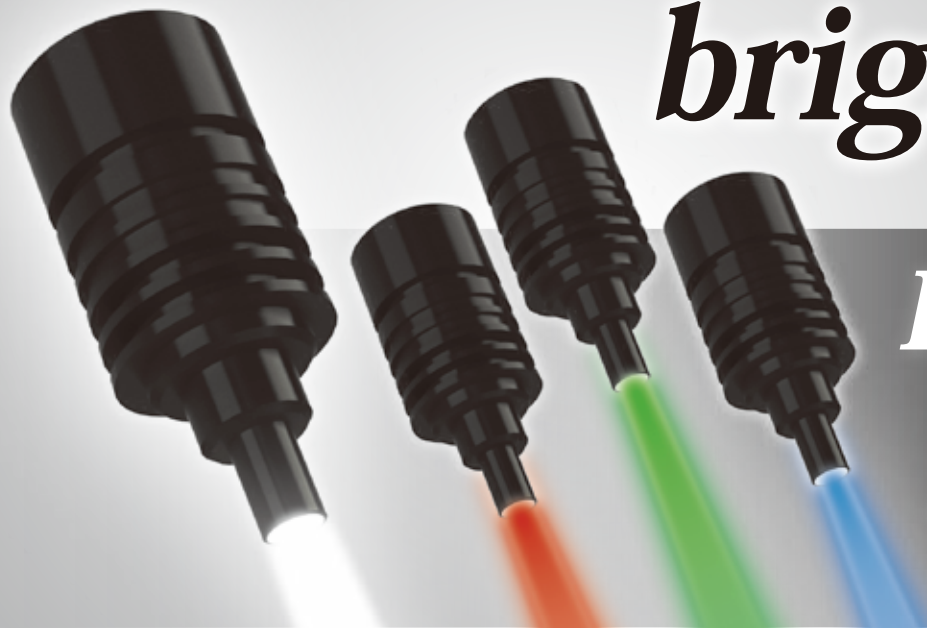
Exclusively for Telecentric Lens

Highly uniform coaxial spot lighting

IHVT-28 series

**New
Product**
Patent Pending

*Industry-leading
brightness!!*



*High
uniformity
& High
output!!*

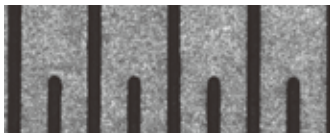
Brightness comparison with conventional products (reference values)

Conventional products could only cope with a maximum input current of 700mA, but the IHVT-28 series can handle a maximum input current of 1A. In addition to that, the diameter of the light-emitting part is increased to $\phi 7\text{mm}$, making it twice as bright as conventional products.

Telecentric lens w/2x optical magnification, WD=110mm

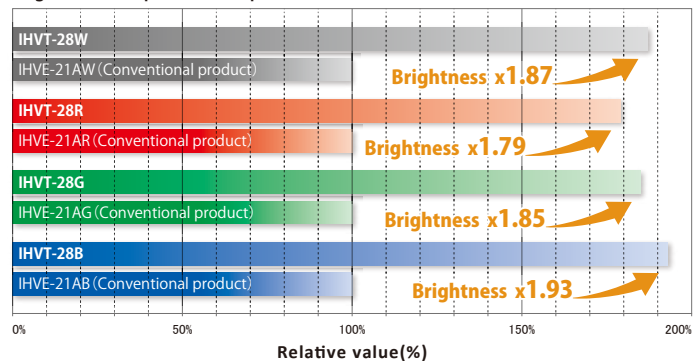


(Illumination used : IHVE-21AW Conventional product)



(Illumination used : IHVT-28W)

Brightness comparison at input current of 700mA

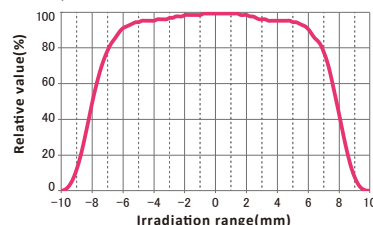


Illuminance distribution (reference value)

Telecentric lens w/2x optical magnification, WD=110mm

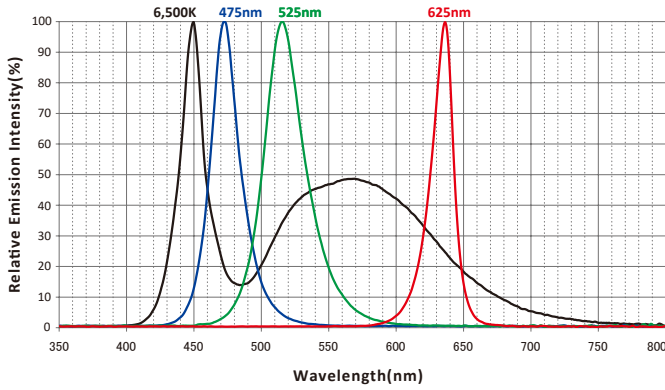


(Illumination used : IHVT-28)



Possible to irradiate the area so that a broader peak appears near the center than before. By using a telecentric lens, enable to irradiate the area almost uniformly.

Wavelength characteristics (reference value)



Series Variance

Model	Emitted color	Input	Dimensions
IHVT-28□	W R G B	1A	1

* The □ in the model list indicates the emitting color (W=white, R=red, G=green, B=blue).

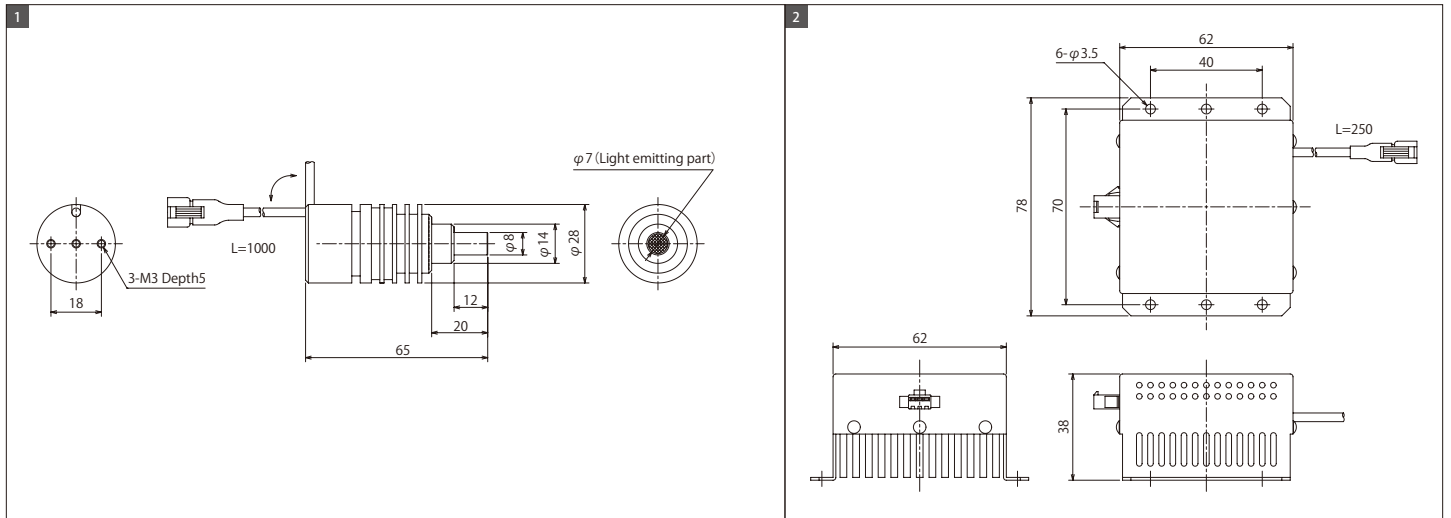
Options

Model	Input	Output	Dimensions
RBOX4W-W	DC12V	1A	2
RBOX4W-R			



* For red light, use "RBOX4W-R". For other light colors, use "RBOX4W-W".

Dimensions



Dimensions

A variety of constant current controllers available. By using the optional resistor box, a constant voltage controller (variable voltage type/PWM type) can be used.



ILC series



IDCA series



ILC/IRC series

Visit our website to learn more details about Leimac products (QR code link <https://leimac.jp/en/ihvt>)



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* Our Product in an industrial product based on an assumption of use for built-in equipment, during the manufacturing-process, or in the manufacturing plant.
 * Carried data is for reference. The performance of the product isn't guaranteed.
 * The specification of the product and the design are sometimes changed without notice. Please accept it beforehand.