



Kowa Europe GmbH

LED - Module

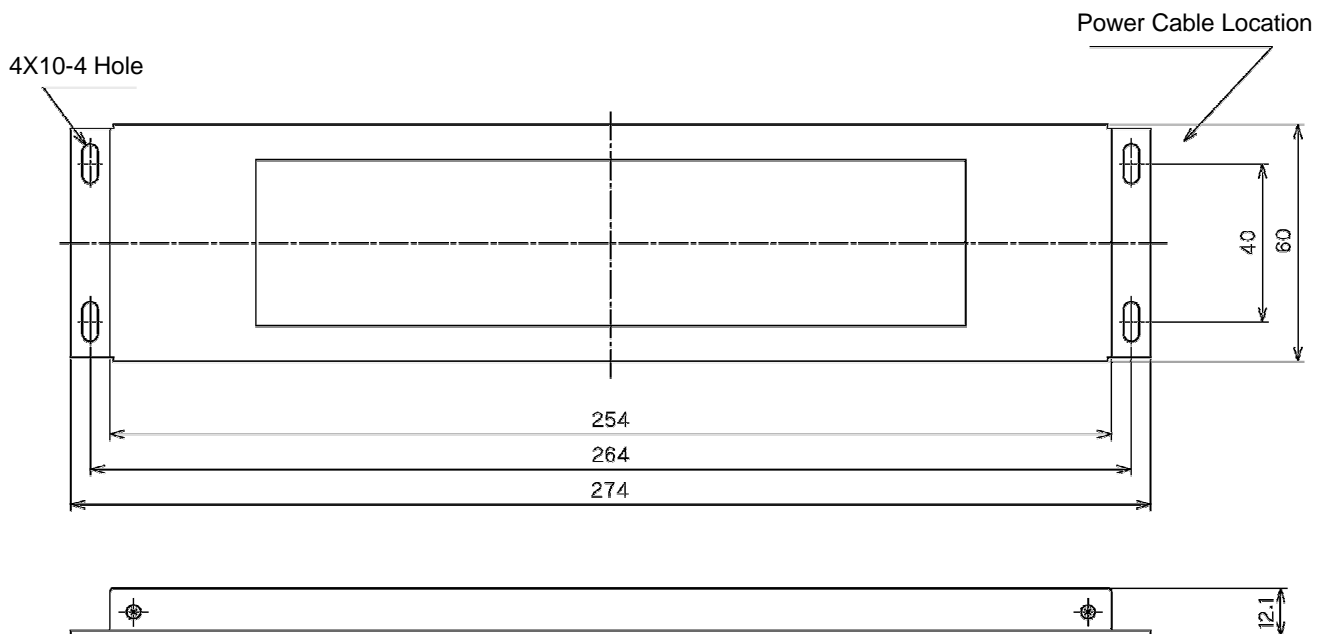
LED Module Specification Sheet 8W Type (1W×4×2)

	Luminous Flux	Average Brightness	Chromaticity	Forward Current	Maximum Rated Current	Color Rendering Index	Operating Temperature	Storage Temperature
White Light	380lm	17000mcd/m	x0.344 y0.355	I_F 300mA (V_F 15.2 V)	I_{Fmax} 350mA (V_{Fmax} 17.6 V)	70	-30~ Non Condensing	-40~
Natural Light	310lm	13800mcd/m	x0.41 y0.39			75		
				*1		*2		*2

The illumination directly below the white type will be the same as a 20W fluorescent light.

*1 This is the LED manufacturers nominal number and is not a guaranteed number for the module.

*2 This is not confirmed and is not a guaranteed specification.

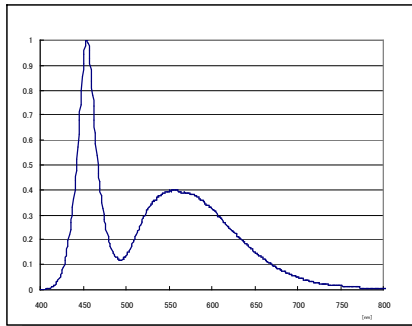


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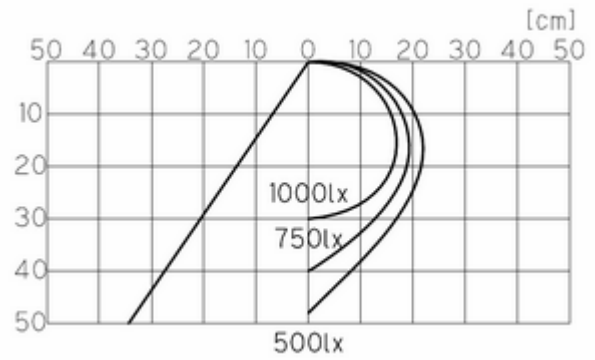


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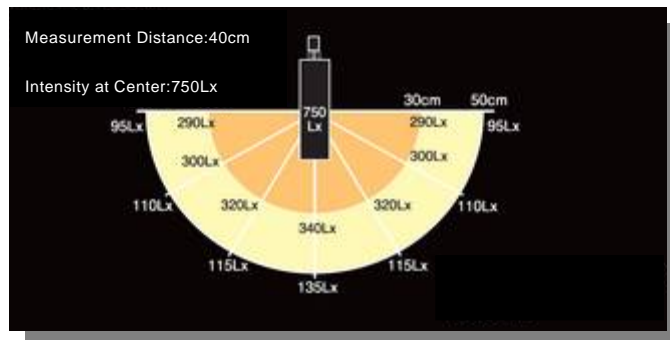
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Emission Spectrum



Luminous Intensity distribution

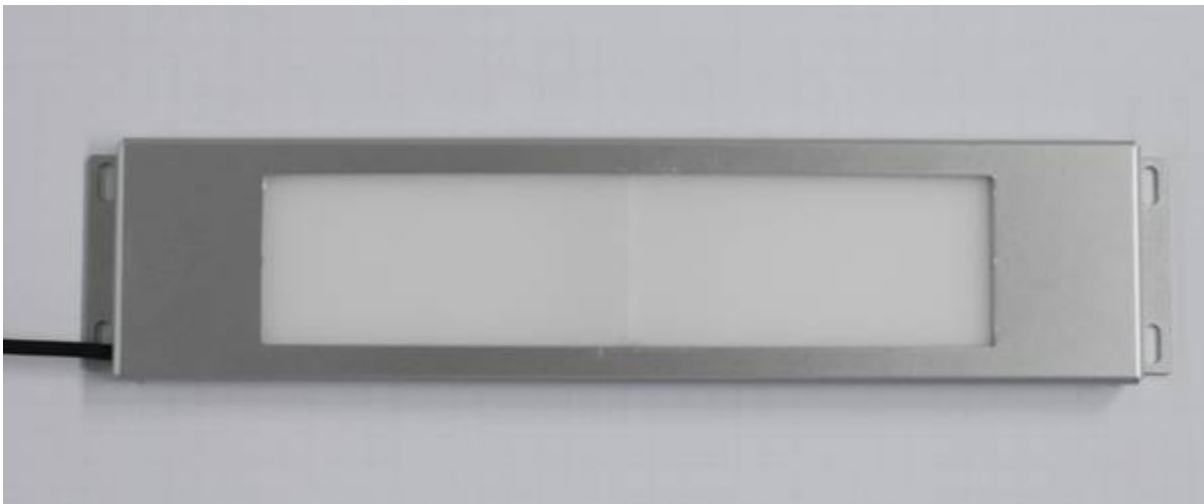
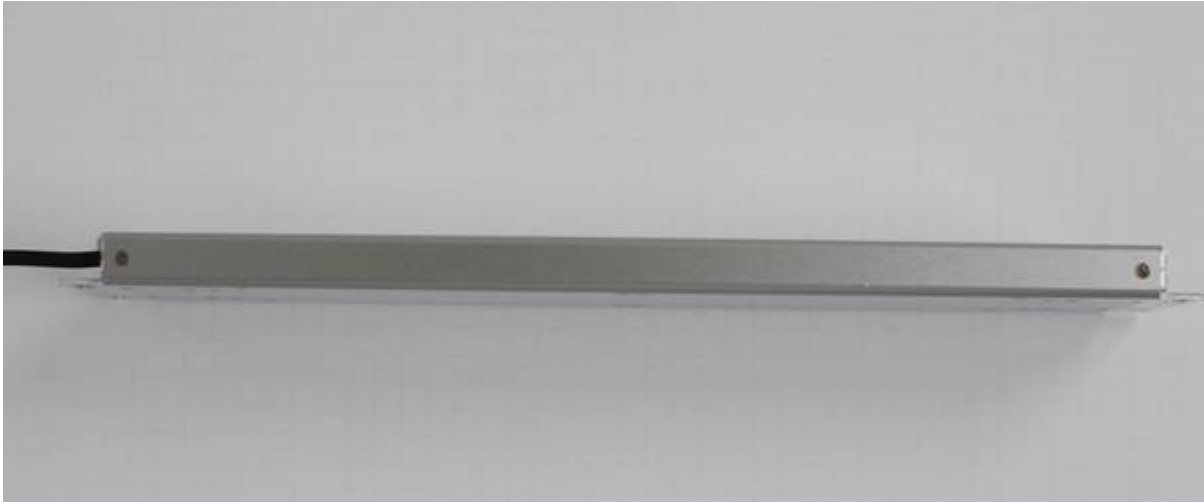


Illumination distribution



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Kowa Europe GmbH
Immermannstr. 43B
40210 Düsseldorf
Germany

Tel: +49-(0)211-179354-0
Email: lens@kowaeurope.de
web: www.kowa.eu