

LED light source for use with light-guide

LLS-W

RoHS

Catalog
Code

W5035

Longer lifetime, lower replacement costs, low energy consumption and much bright.



- Over 30,000 hours lifetime ^{*1}
- 160VA low energy consumption
- White-light emission with brightness over 3000 lumens ^{*2}
- Output aperture for $\phi 10\text{mm}$ or $\phi 14\text{mm}$
- 8bit external dimming control as standard
- Error messages displayed at front panel or PC through RS232C interface.

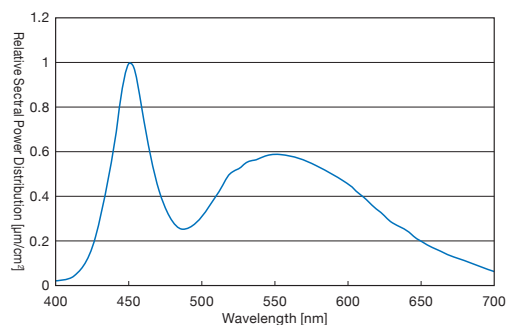
Specifications

Part Number	LLS-W
LED	White light (correlated color temperature = 6,500K) *as reference
Brightness	3,500lm ^{*2}
LED lifetime	30,000H ^{*1}
Rated input power	AC100V – 240V $\pm 10\%$ (50/60Hz)
Power consumption	160VA
Dimming control	Manual control with front panel control knob External control by 8bit I/O or RS232C interface
Cooling	Forced-air-cooling
Error indication (output)	LED element temperature error, Cooling fan error, etc.
Interface	RS232C, I/O
Operating environment	Ambient temperature: 5 – 40°C Ambient humidity: 20% – 80%RH (without dew condensation)
Dimensions	(W)190 × (H)200 × (D)322mm (excluding extrusions)
Weight	7.5kg (excluding cables)

^{*1} Operation life is prescribed by 70% intensity dropping point. Operation life may vary from the condition of use and not a guaranteed specification.

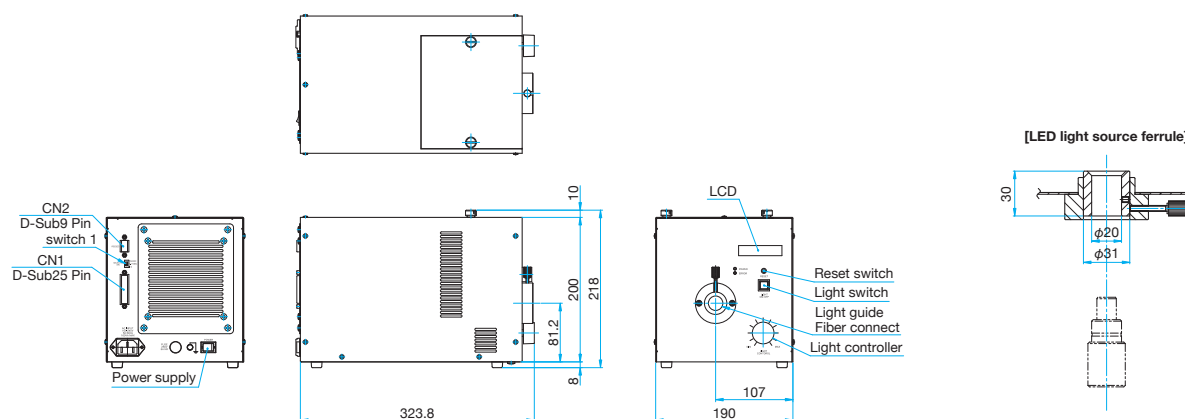
^{*2} Brightness is measured at the spreading illumination of 0.5m×0.5m area (0.25m²), which generated by a rod homogenizer with 12mm on a side.

Spectral Distribution



Outline Drawing

(Units: mm)



Applicable Light Guide



Guide

► Various light guides are available. [Reference](#)► H037, H038

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