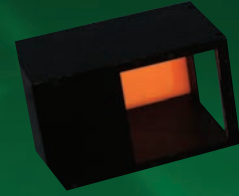


Honey Yellow Light



Suitable for inspection of a photo-sensitive work such as a resist

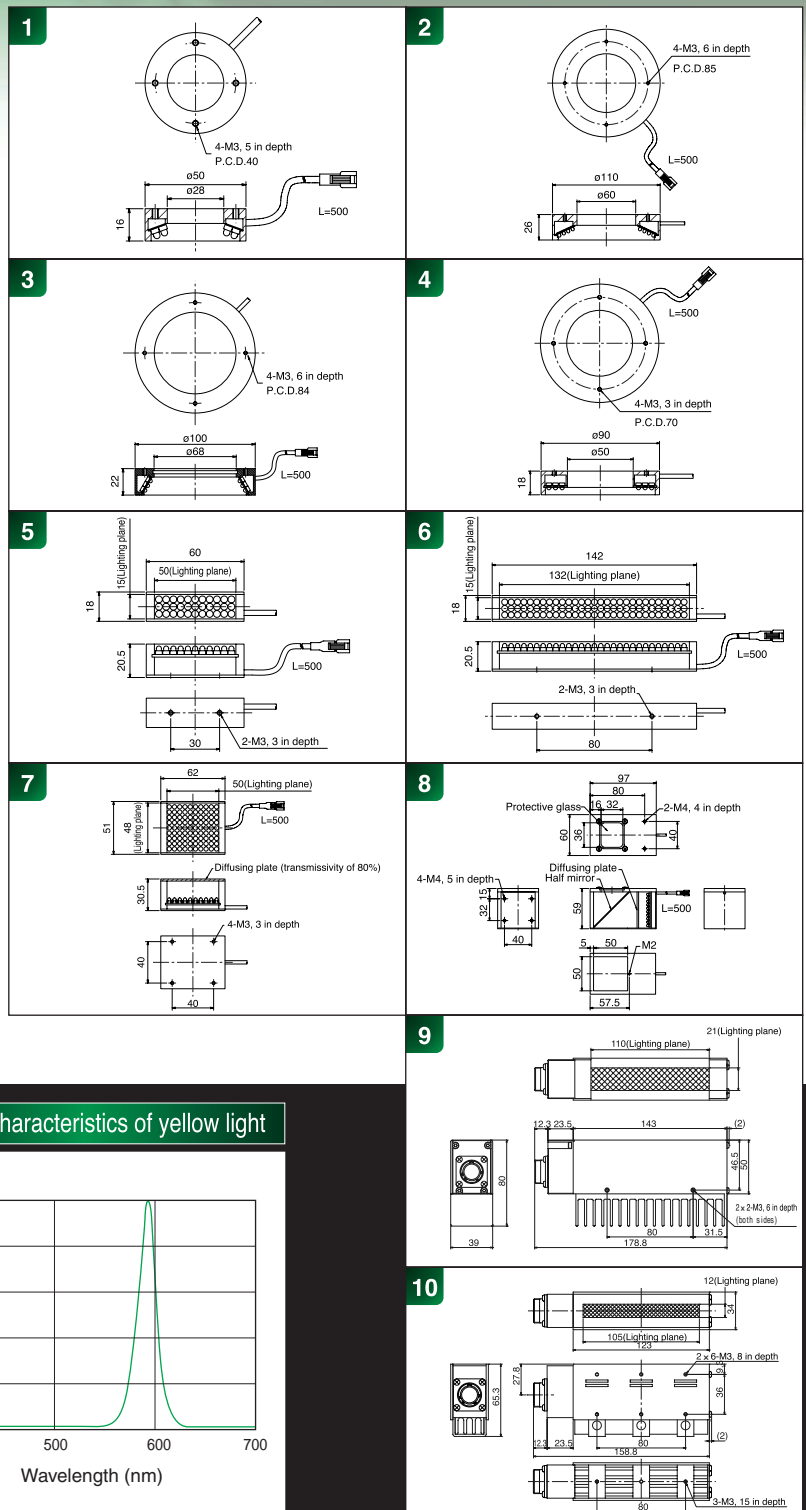
Resists are photo-sensitive to light ranging from ultraviolet to blue; it had therefore been impossible to inspect them using short wavelength light. However, yellow LED light now enables inspection of even a photo-sensitive work since it does not contain any wavelengths shorter than those of blue. The large sized flat surface lighting type has been extensively used for exposing machines. It is effectively used also for replacement, since the peak wavelength of yellow light is close to that of a sodium lamp. It is also suitable for visual inspection lighting since the peak wavelength is close to the visibility characteristics of the human eye. It is also effectively used for the recently increasing types of cameras, with its peak sensitivity close to the visibility characteristics.

Unit: mm

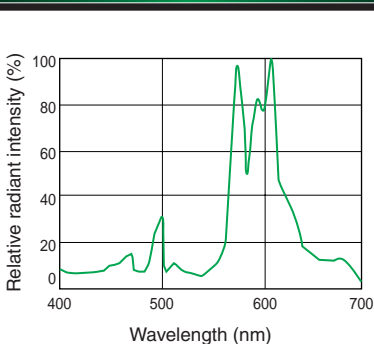
Model (12V)	Number of LEDs	Power Consumption (W)	Outline drawing
IDR-50/28Y	45	3.6	1
IDR-110/60Y	205	9.9	2
IDR-LA100/68Y-3	168	10.1	3
IDR-F90/50Y	125	6.0	4
IDBA-C50/15Y	33	2.7	5
IDBA-C132/15Y	87	7.0	6
IDBA-C50/50YS	90	4.4	7
IFV-C50Y	100	4.8	8
IDBA-LSR100Y	-	17.5	9
IDBA-RE100Y	-	17.5	10
IHVB-22Y	1	2.6	-

Input voltage is DC 12V.

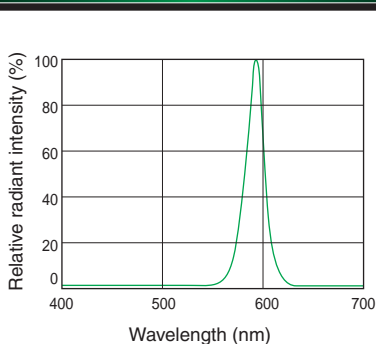
New release of the line type most suitable as a substitute for a sodium lamp!



Spectral characteristics of a sodium lamp



Spectral characteristics of yellow light



It has the same peak wavelength of around 600 nm as a sodium lamp.