

LIGHT SOURCE UNIT SOLUTION

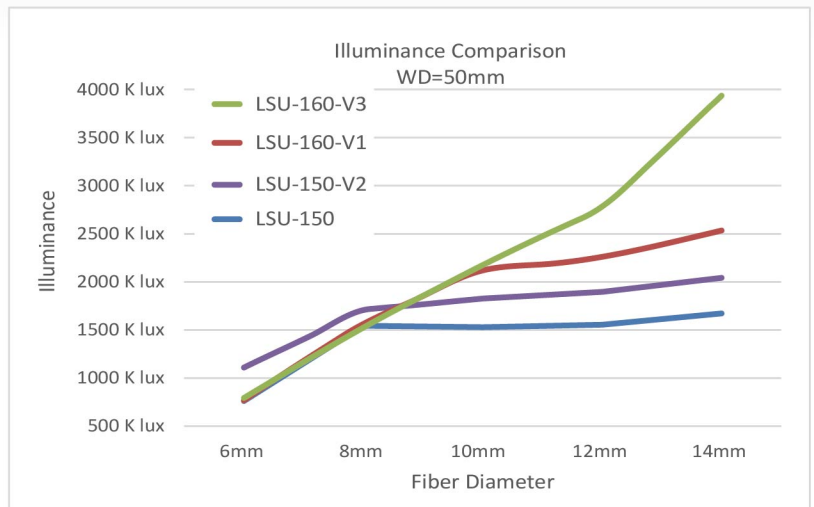
LSU Series

Ultra-high Brightness up to 4M Lux.
Superior Strobe Control frequency reaches to 100KHz.



Compatible with major light guide manufacturers
Full line-up models for your various requirements
Precise current adjustment resolution

High Power Light Source Unit LSU-150/160 Series



- Max. brightness up to 4M Lux. (LSU-160 series @14mm fiber)
- High-speed photo-coupler receiver allows the strobe output frequency reaches to 100KHz.
- Precise and user friendly current adjustment
 - > Digital knob provides 256 levels
 - > USB interface provides 4096 levels
- More than 30,000 hours life time

New version of optical design provides higher brightness up to 4,000,000 Lux. in bigger fiber diameter.

Color Light Source Unit LSU-80/100 Series



• LSU-80 COLORS

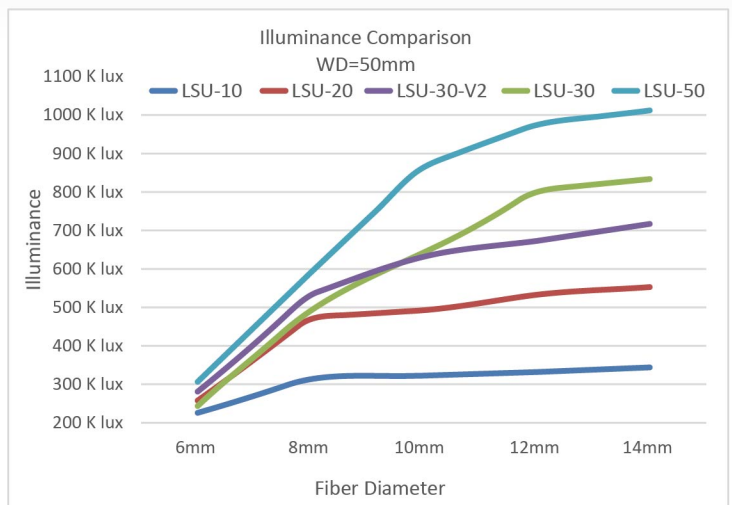
- LSU-80 offers RGBW color mixing function for even denser levels of brightness and color effect
- LSU-100 offers a variety of single color to choose from, including white, red, blue, green, IR and UV
- High-speed photo-coupler receiver allows the strobe output frequency reaches to 100KHz.
- Precise and user friendly current adjustment
 - > Digital knob provides 256 levels
 - > USB interface provides 4096 levels
- More than 30,000 hours life time



• LSU-100

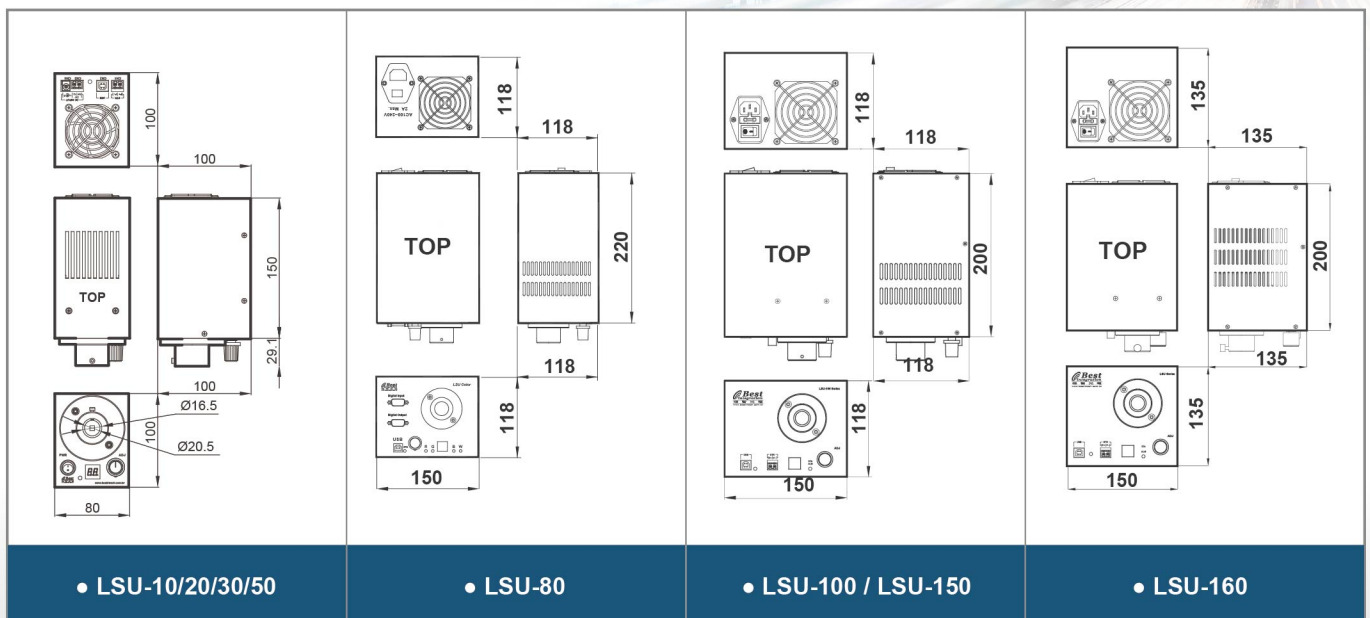
Light Source Unit

LSU-10/20/30/50 Series



- High efficient optical structure to provide the average brightness up to 600K Lux.
- For bigger fiber diameter, the brightness can be up to 1M Lux. (LSU-50 series @14mm fiber)
- Compact size to save space. Optional DIN rail adapter for screwing on switch-gear.
- Precise and user friendly current adjustment
 - > Digital knob provides 256 levels
 - > USB interface provides 4096 levels
- More than 30,000 hours life time

Dimensional Drawing



Series	LSU-10	LSU-20	LSU-30	LSU-30-V2	LSU-50	LSU-80
Description	Light Source Unit					Color Light Source Unit
Available Color	R/G/B/W/IR/UV		White			Color (RGBW)
Max. Output Power (W)	10	20	30	30	50	80
Input Voltage (V)	DC24V					AC100V ~ 240V
Recommend Light Guide Diameter (mm)	6/8	6/8/10	8/10	6/8/10	8/10/12/14	8/10/12/14
Available Light Guide Adaptor	Bestintech / Moritex / Sumita / Hayashi Customized available					
Drive mode	Continuous / Pulse 0~30KHz (Periodic or Non-periodic)					Continuous / Pulse Periodic : 0~100KHz Non-periodic : 0~100Hz

Series	LSU-100	LSU-150	LSU-150-V2	LSU-160	LSU-160-V3
Description	High Power Light Source Unit				
Available Color	R/G/B/W/IR/UV	White			
Max. Output Power (W)	100	150	150	160	
Input Voltage (V)	AC100V ~ 240V				
Recommend Light Guide Diameter (mm)	6/8	6/8/10	6/8/10	6/8/10	6/8/10/12/14
Available Light Guide Adaptor	Bestintech / Moritex / Sumita / Hayashi Customized available				
Drive mode	Continuous / Pulse Periodic : 0~100KHz, Non-periodic : 0~100Hz			Continuous / Pulse 0~30KHz (Periodic or Non-periodic)	

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