

Versatile Lasers

LDS Series



Specifications

Product Name	Laser Projector								
Laser Color	Red						Green	Red	
Model	LDS167S	LDS163S	LDS263S	LDS163L	LDS263L	LDS563L	LDS252L	LDS152S	LDS163C
Work Distance (W.D.)	1,000 mm fixed	100 mm to 5,000 mm					300 mm to 1,000 mm	300 mm to 1,000 mm	100 mm to 3,000 mm
Projection Pattern and Dimensions	Spot pattern ϕ 1			Line pattern			Line pattern	Spot pattern	Cross pattern
	W.D.: 1,000 mm			Length: 1,300 mm Width: 0.8 mm			Length: 1,200 mm or more	Spot Width: ϕ 1	200 mm x 200 mm
				W.D.: 1,000 mm			Width: 1 mm	W.D.: 1,000 mm	W.D.: 1,000 mm
							W.D.: 1,000 mm		
Projection System	Fixed	Variable lens focus type							
Wave Length	670 nm	635 nm					515 nm		635 nm
Optical Output Power	1 mW	1 mW	2 mW	1 mW	2 mW	5 mW	1.4-1.7 mW	0.7-1.0 mW	1 mW
	Class 2	Class 2	Class 3R	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Average Operating Life	10,000 hours							20,000 hours	10,000 hours
Operating Voltage/Current	DC5V \pm 5% 100 mA (Max)						DC5V \pm 5%	DC5V \pm 5%	
							200 mA (Max)	100 mA (Max)	
Indicator	N/A								
Connection	Lead-wire cable with connector (length: 1.5 m)						Connector	Wire	Lead-wire cable with connector (length: 1.5 m)
Operating Temperature	-10°C to 50°C (non freezing)						-10°C to 40°C (non freezing)	-10°C to 40°C (non freezing)	-10°C to 50°C (non freezing)
Operating Humidity	20 to 85%RH (non condensing)								
Degrees of Protection	IP40								
Mass	Approx. 30 g	Approx. 40 g							