

# Kokyo

株式会社 光響

Email : [info@symphotony.com](mailto:info@symphotony.com)

Web : <https://www.symphotony.com/>



WAVE spectrum

## CATALOG

### OEM Fiber Coupled Diode Laser System



# Product Portfolio

630nm 633nm  
635nm 638nm  
640nm 650nm  
653nm 660nm  
670nm 680nm  
685nm 690nm

Red Laser

705nm  
730nm 755nm 760nm  
770nm 780nm 785nm  
790nm 808nm 820nm  
830nm 850nm 860nm  
880nm 905nm 915nm  
940nm 960nm 980nm  
1064nm

IR Laser

505nm 510nm  
520nm 525nm  
532nm

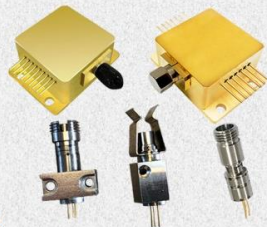
Green Laser



Laser Diode



Fiber Coupled Laser Module



Fiber Detachable Laser Module



Laser System

425nm  
435nm 445nm  
450nm 455nm  
460nm 465nm  
473nm 480nm  
488nm 495nm

Blue Laser

375nm  
395nm 400nm  
405nm 410nm  
413nm

UV Laser

1270nm  
1290nm 1310nm  
1330nm 1350nm 1370nm  
1390nm 1410nm 1430nm  
1450nm 1470nm 1490nm  
1510nm 1530nm 1550nm  
1570nm 1590nm 1610nm  
1625nm 1650nm  
1920nm

IR Laser



**WAVESPECTRUM GROUP** was founded in 1999. It is comprised by a group of experienced and innovative experts in the fields of laser physics, materials science, electronic technology and mechanical design. It has established solid cooperation with some famous universities, research institutes and laboratories.

Wavespectrum products are widely used in space science, optical communication technology, laser display, laser medical, life sciences and materials processing. With the rapid development, R&D centers and production bases have been established in China and Europe. The current plant area is 4,000 square meters, including 2,000 square meters of Class 1,000 clean workshops.

Wavespectrum products include laser diodes, fiber-coupled laser modules and fiber-coupled laser systems with wavelengths from 375nm to 1920nm. Our products are used in medical, printing, laser display, life science, laser communication and other fields. At present, the products have all passed the certifications of ROHS, REACH, CE, etc. At the same time, we have got ISO9001 quality management system certification.

Wavespectrum has world-class R&D team, and it has the world first-class production processing plants. Our products can meet the military-grade production and design standards. The products are well acclaimed world-wide, such in Germany, Austria, the United States, Japan, South Korea and other parts of the world. We have established close cooperation with a number of well-known enterprises world-wide.

**Wavespectrum offers laser products with wavelength ranges from 375nm to 1920nm.**

375nm	395nm	400nm	405nm	410nm	413nm	435nm	445nm	450nm	455nm	460nm	465nm	473nm
480nm	488nm	495nm	505nm	510nm	520nm	525nm	532nm	630nm	633nm	635nm	638nm	640nm
650nm	653nm	660nm	670nm	680nm	685nm	690nm	705nm	730nm	755nm	760nm	770nm	780nm
785nm	790nm	808nm	820nm	830nm	850nm	860nm	880nm	905nm	915nm	940nm	960nm	980nm
1064nm	1210nm	1270nm	1280nm	1290nm	1310nm	1330nm	1350nm	1370nm	1390nm	1410nm	1430nm	1450nm
1470nm	1490nm	1510nm	1530nm	1550nm	1570nm	1590nm	1610nm	1625nm	1650nm	1720nm	1900nm	1920nm

Pls visit our website for more detailed information: <http://en.wavespectrum-laser.com.cn>

## CONTACT US

### Wavespectrum Laser Group Limited

Address : 2-2-1504, 2# Haitai Innovation 6th Road, Xiqing Dist, 300392, TianJin, China

Web : [www.wavespectrum-laser.com.cn](http://www.wavespectrum-laser.com.cn)

Email : [sales@wavespectrum-laser.com.cn](mailto:sales@wavespectrum-laser.com.cn)

Tel : +86-022-87931118

Fax : +86-022-86392109

**Distributors Wanted World-Wide!**

# Product Catalogue


**Single Mode Laser Diode**




**Multi-mode Laser Diode**




**Single Mode Fiber Coupled Laser Module**




**Multi-mode Fiber Coupled Laser Module**




**Single Mode Fiber Detachable Laser Module**




**Multi-mode Fiber Detachable Laser Module**



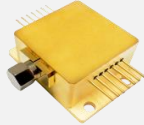
**405nm Fiber Detachable Laser Module**




**405nm High Power Fiber Coupled Laser Source**




**Medical Laser Module**



**Window Package High Power Laser Diode**




**Triplex (RGB) Fiber Coupled White Light Laser Module**




**Triplex (RGB) Fiber Coupled White Light Laser Source**



**Duplex (Dual- $\lambda$ ) Single Mode Fiber Coupled Laser Module**



**Red & Green Aiming Beam for Fiber Laser**



## Product Catalogue

**Turnkey Fiber Coupled  
Diode Laser System**



**OEM Fiber Coupled  
Diode Laser System**



**3-channel (Multi-channel)  
Fiber Coupled Laser System**



**3-wavelength (Multi-λ)  
Fiber Coupled Laser System**



**High Power Fiber  
Bundled Laser Module**



**Multi-wavelength Fiber  
Coupled Laser Module**



**Collimated Laser Diode**



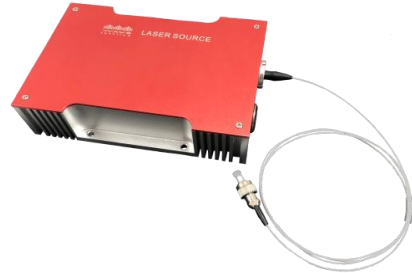
**Photodiode**



## OEM Fiber Coupled Diode Laser System

### PRODUCT FEATURE

375nm~1920nm  
 OEM Laser System  
 Integrated Package Size  
 SMF/PMF/MMF Optional  
 1mW~12W Output Power  
 Built-in TE Cooling & Driver  
 5V/12V /24V DC Input  
 TTL/Analog Modulation  
 Long Lifetime  
 High Stability  
 Customized Wavelength/Power/Fiber Type



### PRODUCT OVERVIEW

OEM Fiber Coupled Diode Laser System is the most competitive product of WAVESPECTRUM.

We offer 375nm~1920nm Fiber Coupled Laser Source with Single Mode Fiber (SMF), Multi-mode Fiber (MMF) and Polarization Maintaining Fiber (PMF) . The Output Power is from 1mW to 12W.

The OEM Fiber Coupled Diode Laser System contains the Fiber Coupled Laser Module, LD Driver and Temperature Control System. It is with integrated package design and small size. With an Input of 5V/12V/24V DC input, the Laser Source can easily get to work. To ensure the long-time reliability and power stability, each Laser System will undergo rigorous testing and aging in factory.



Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
375nm	WSLS-375-100m-M-DC	0 ~ 100mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
395nm	WSLS-395-200m-M-DC	0~200mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-395-800m-M-DC	0~800mW	MMF	<400um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-395-1200m-M-DC	0~1.2W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
	WSLS-395-003-M-DC	0~3W	MMF	<650um	24VDC	FC/SMA	×	○	○	D-300
	WSLS-395-005-M-DC	0~5W	MMF	<1000um	24VDC	FC/SMA	×	○	○	D-300
	WSLS-395-007-M-DC	0~7W	MMF	<1000um	24VDC	FC/SMA	×	○	○	D-300
400nm	WSLS-400-015m-4-DC	0 ~ 15mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-400-030m-4-DC	0 ~ 30mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-400-015m-PM-DC	0 ~ 15mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-400-030m-PM-DC	0 ~ 30mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-400-400m-M-DC	0 ~ 400mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-400-1500m-M-DC	0 ~ 1.5W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-400-003-M-DC	0 ~ 3W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
405nm	WSLS-405-015m-4-DC	0 ~ 15mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-405-030m-4-DC	0 ~ 30mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-405-050m-4-DC	0 ~ 50mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-405-015m-PM-DC	0 ~ 15mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-405-030m-PM-DC	0 ~ 30mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-405-050m-PM-DC	0 ~ 50mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-405-300m-M-DC	0 ~ 300mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-405-400m-M-DC	0 ~ 400mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-405-1500m-M-DC	0 ~ 1.5W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-405-003-M-DC	0 ~ 3W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
	WSLS-405-005-M-DC	0 ~ 5W	MMF	<650um	24VDC	FC/SMA	×	○	○	D-300
	WSLS-405-010-M-DC	0 ~ 10W	MMF	<1000um	24VDC	FC/SMA	×	○	○	D-300
	WSLS-405-015-M-DC	0 ~ 15W	MMF	<1000um	24VDC	FC/SMA	×	○	○	D-300
	WSLS-405-020-M-DC	0 ~ 20W	MMF	<1000um	24VDC	FC/SMA	×	○	○	D-300
410nm	WSLS-410-300m-M-DC	0 ~ 300mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-410-1200m-M-DC	0 ~ 1.2W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-410-002-M-DC	0 ~ 2W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
413nm	WSLS-413-300m-M-DC	0 ~ 300mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-413-1200m-M-DC	0 ~ 1.2W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-413-002-M-DC	0 ~ 2W	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
445nm	WSLS-445-030m-4-DC	0 ~ 30mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-445-040m-4-DC	0 ~ 40mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-445-050m-4-DC	0 ~ 50mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-445-030m-PM-DC	0 ~ 30mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100

Note: √:Yes, ○:Optional, ×:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
445nm	WSLS-445-040m-PM-DC	0 ~ 40mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-445-050m-PM-DC	0 ~ 50mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-445-050m-M-DC	0 ~ 50mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-445-001-M-DC	0 ~ 1W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-445-3500m-M-DC	0 ~ 3.5W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
465nm	WSLS-465-002-M-DC	0 ~ 2W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
473nm	WSLS-473-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-473-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-473-010m-PM-DC	0 ~ 10mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-473-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
480nm	WSLS-480-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-480-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-480-010m-PM-DC	0 ~ 10mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-480-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
488nm	WSLS-488-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-488-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-488-030m-4-DC	0 ~ 30mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-488-010m-PM-DC	0 ~ 10mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-488-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-488-030m-PM-DC	0 ~ 30mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-488-050m-M-DC	0 ~ 50mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-488-150m-M-DC	0 ~ 150mW	MMF	<300um	24VDC	FC/SMA	√	○	○	D-100
	WSLS-488-300m-M-DC	0 ~ 300mW	MMF	<400um	24VDC	FC/SMA	√	○	○	D-200
495nm	WSLS-495-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-495-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-495-010m-PM-DC	0 ~ 10mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-495-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-495-050m-M-DC	0 ~ 50mW	MMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
505nm	WSLS-505-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-505-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-505-010m-PM-DC	0 ~ 10mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-505-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-505-030m-M-DC	0 ~ 30mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-505-050m-M-DC	0 ~ 50mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
520nm	WSLS-520-010m-4-DC	0 ~ 10mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-020m-4-DC	0 ~ 20mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-030m-4-DC	0 ~ 30mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-040m-4-DC	0 ~ 40mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100

Note: √:Yes, ○:Optional, x:No.



Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
520nm	WSLS-520-050m-4-DC	0 ~ 50mW	SMF	3um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-010m-PM-DC	0 ~ 10mW	PM	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-520-020m-PM-DC	0 ~ 20mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-520-030m-PM-DC	0 ~ 30mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-520-040m-PM-DC	0 ~ 40mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-520-050m-PM-DC	0 ~ 50mW	PMF	3um	7.5VDC	FC-APC	√	○	○	D-100
	WSLS-520-050m-M-DC	0 ~ 50mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-300m-M-DC	0 ~ 300mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-100
	WSLS-520-800m-M-DC	0 ~ 800mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
	WSLS-520-001-M-DC	0 ~ 1W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
525nm	WSLS-525-800m-M-DC	0 ~ 800mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
	WSLS-525-001-M-DC	0 ~ 1W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
532nm	WSLS-532-800m-M-DC	0 ~ 800mW	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
	WSLS-532-001-M-DC	0 ~ 1W	MMF	105um	7.5VDC	FC/SMA	√	○	○	D-200
633nm	WSLS-633-030m-4-DC	0~30mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-633-050m-4-DC	0~50mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-633-030m-PM-DC	0~30mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-633-050m-PM-DC	0~50mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
635nm	WSLS-635-030m-4-DC	0 ~ 30mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-050m-4-DC	0 ~ 50mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-080m-4-DC	0 ~ 80mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-100m-4-DC	0 ~ 100mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-030m-PM-DC	0 ~ 30mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-635-050m-PM-DC	0 ~ 50mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-635-080m-PM-DC	0 ~ 80mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-635-100m-PM-DC	0 ~ 100mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-635-100m-M-DC	0 ~ 100mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-300m-M-DC	0 ~ 300mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-001-M-DC	0 ~ 1W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-635-1800m-200M-DC	0 ~ 1.8W	MMF	200um	5VDC	FC/SMA	√	○	○	D-100
660nm	WSLS-660-050m-4-DC	0 ~ 50mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-660-080m-4-DC	0 ~ 80mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-660-100m-4-DC	0 ~ 100mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-660-030m-PM-DC	0 ~ 30mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-660-050m-PM-DC	0 ~ 50mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-660-080m-PM-DC	0 ~ 80mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-660-100m-PM-DC	0 ~ 100mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-660-100m-M-DC	0 ~ 100mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100

Note: √:Yes, ○:Optional, x:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
660nm	WSLS-660-001-M-DC	0 ~ 1W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
670nm	WSLS-670-005m-4-DC	0 ~ 5mW	SMF	3um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-670-050m-4-DC	0 ~ 50mW	SMF	3um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-670-080m-4-DC	0 ~ 80mW	SMF	3um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-670-005m-PM-DC	0 ~ 5mW	PMF	3um	5VDC	FC-APC	√	○	○	D-100
	WSLS-670-050m-PM-DC	0 ~ 50mW	PMF	3um	5VDC	FC-APC	√	○	○	D-100
	WSLS-670-080m-PM-DC	0 ~ 80mW	PMF	3um	5VDC	FC-APC	√	○	○	D-100
	WSLS-670-100m-M-DC	0 ~ 100mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-670-150m-M-DC	0 ~ 150mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
685nm	WSLS-685-010m-4-DC	0 ~ 10mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-685-015m-4-DC	0 ~ 15mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-685-010m-PM-DC	0 ~ 10mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-685-015m-PM-DC	0 ~ 15mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-685-030m-M-DC	0 ~ 30mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
690nm	WSLS-690-700m-M-DC	0 ~ 700mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
705nm	WSLS-705-010m-4-DC	0 ~ 10mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-705-015m-4-DC	0 ~ 15mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-705-010m-PM-DC	0 ~ 10mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-705-015m-PM-DC	0 ~ 15mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
730nm	WSLS-730-010m-4-DC	0 ~ 10mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-730-015m-4-DC	0 ~ 15mW	SMF	4um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-730-010m-PM-DC	0 ~ 10mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
	WSLS-730-015m-PM-DC	0 ~ 15mW	PMF	4um	5VDC	FC-APC	√	○	○	D-100
760nm	WSLS-760-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
770nm	WSLS-770-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-770-004-M-DC	0 ~ 4W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
785nm	WSLS-785-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-785-040m-4-DC	0 ~ 40mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-785-030m-PM-DC	0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-785-040m-PM-DC	0 ~ 40mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-785-050m-M-DC	0 ~ 50mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-785-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-785-004-M-DC	0 ~ 4W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
808nm	WSLS-808-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-808-050m-4-DC	0 ~ 50mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-808-020m-PM-DC	0 ~ 20mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-808-040m-PM-DC	0 ~ 40mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-808-150m-M-DC	0 ~ 150mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100

Note: √:Yes, ○:Optional, x:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
808nm	WSLS-808-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-808-004-M-DC	0 ~ 4W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
	WSLS-808-007-M-DC	0 ~ 7W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
830nm	WSLS-830-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-050m-4-DC	0 ~ 50mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-080m-4-DC	0 ~ 80mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-100m-4-DC	0 ~ 100mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-030m-PM-DC	0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-830-050m-PM-DC	0 ~ 50mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-830-080m-PM-DC	0 ~ 80mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-830-100m-PM-DC	0 ~ 100mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-830-150m-M-DC	0 ~ 150mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-001-M-DC	0 ~ 1W	MMF	50um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-830-003-M-DC	0 ~ 3W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	850nm	WSLS-850-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○
WSLS-850-050m-4-DC		0 ~ 50mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
WSLS-850-070m-4-DC		0 ~ 70mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
WSLS-850-030m-PM-DC		0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
WSLS-850-050m-PM-DC		0 ~ 50mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
WSLS-850-070m-PM-DC		0 ~ 70mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
WSLS-850-120m-M-DC		0 ~ 120mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
880nm	WSLS-880-001m-4-DC	0 ~ 1mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-880-001m-PM-DC	0 ~ 1mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-880-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-880-003-M-DC	0 ~ 3W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
905nm	WSLS-905-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-905-050m-4-DC	0 ~ 50mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-905-070m-4-DC	0 ~ 70mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-905-030m-PM-DC	0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-905-050m-PM-DC	0 ~ 50mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-905-070m-PM-DC	0 ~ 70mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-905-120m-M-DC	0 ~ 120mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
915nm	WSLS-915-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-915-010-M-DC	0 ~ 10W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
940nm	WSLS-940-030m-4-DC	0 ~ 30mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-940-050m-4-DC	0 ~ 50mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-940-080m-4-DC	0 ~ 80mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100

Note: √:Yes, ○:Optional, x:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
940nm	WSLS-940-100m-4-DC	0 ~ 100mW	SMF	5um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-940-030m-PM-DC	0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-940-050m-PM-DC	0 ~ 50mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-940-080m-PM-DC	0 ~ 80mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-940-100m-PM-DC	0 ~ 100mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-940-200m-M-DC	0 ~ 200mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-940-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
WSLS-940-010-M-DC	0 ~ 10W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200	
980nm	WSLS-980-010m-4-DC	0 ~ 10mW	SMF	6um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-980-100m-M-DC	0 ~ 100mW	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-980-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-980-010-M-DC	0 ~ 10W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1064nm	WSLS-1064-010m-4-DC	0 ~ 10mW	SMF	6um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1064-030m-4-DC	0 ~ 30mW	SMF	6um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1064-050m-4-DC	0 ~ 50mW	SMF	6um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1064-010m-PM-DC	0 ~ 10mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1064-030m-PM-DC	0 ~ 30mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1064-050m-PM-DC	0 ~ 50mW	PMF	5um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1064-001-M-DC	0 ~ 1W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
WSLS-1064-008-M-DC	0 ~ 8W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200	
1270nm	WSLS-1270-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1270-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1270-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1270-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1290nm	WSLS-1290-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1290-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1290-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1290-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1310nm	WSLS-1310-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1310-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1310-015m-9-DC	0 ~ 15mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1310-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1310-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1310-015m-PM-DC	0 ~ 15mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1310-001-M-DC	0 ~ 1W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
1330nm	WSLS-1330-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1330-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1330-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100

Note: √:Yes, ○:Optional, x:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
1330nm	WSLS-1330-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1330-001-M-DC	0 ~ 1W	MMF	105um	5VDC	FC/SMA	√	○	○	D-100
1350nm	WSLS-1350-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1350-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1350-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1350-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1370nm	WSLS-1370-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1370-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1370-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1370-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1390nm	WSLS-1390-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1390-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1390-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1390-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1410nm	WSLS-1410-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1410-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1410-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1410-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1430nm	WSLS-1430-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1430-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1430-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1430-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1450nm	WSLS-1450-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1450-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1450-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1450-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1450-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1470nm	WSLS-1470-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1470-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1470-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1470-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1470-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1490nm	WSLS-1490-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1490-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1490-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1490-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1490-002-M-DC	0 ~ 2W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1510nm	WSLS-1510-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100

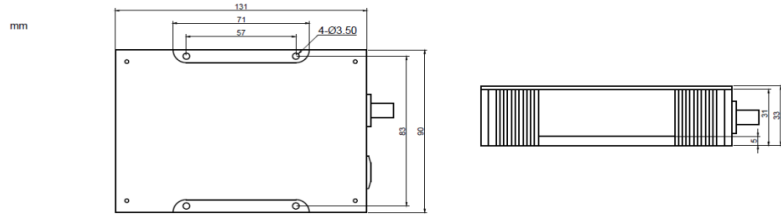
Note: √:Yes, ○:Optional, x:No.

Wavelength	Part Number	Output Power Range	Fiber Type	Fiber Core	Supply Voltage	Connector	TEC	Analog	TTL	Case Model
1510nm	WSLS-1510-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1510-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1510-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1530nm	WSLS-1530-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1530-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1530-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1530-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1530-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1550nm	WSLS-1550-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1550-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1550-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1550-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1550-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1570nm	WSLS-1570-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1570-010m-9-DC	0 ~ 10mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1570-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1570-010m-PM-DC	0 ~ 10mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1570-1500m-M-DC	0 ~ 1.5W	MMF	105um	5VDC	FC/SMA	√	○	○	D-200
1590nm	WSLS-1590-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1590-008m-9-DC	0 ~ 8mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1590-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1590-008m-PM-DC	0 ~ 8mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1610nm	WSLS-1610-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1610-008m-9-DC	0 ~ 8mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1610-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1610-008m-PM-DC	0 ~ 8mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1625nm	WSLS-1625-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1625-008m-9-DC	0 ~ 8mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1625-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1625-008m-PM-DC	0 ~ 8mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1650nm	WSLS-1650-005m-9-DC	0 ~ 5mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1650-008m-9-DC	0 ~ 8mW	SMF	9um	5VDC	FC/SMA	√	○	○	D-100
	WSLS-1650-005m-PM-DC	0 ~ 5mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
	WSLS-1650-008m-PM-DC	0 ~ 8mW	PMF	9um	5VDC	FC-APC	√	○	○	D-100
1920nm	WSLS-1920-400m-M-DC	0 ~ 500mW	MMF	105um	12VDC	FC/SMA	√	○	○	D-200

Note: √:Yes, ○:Optional, ×:No.

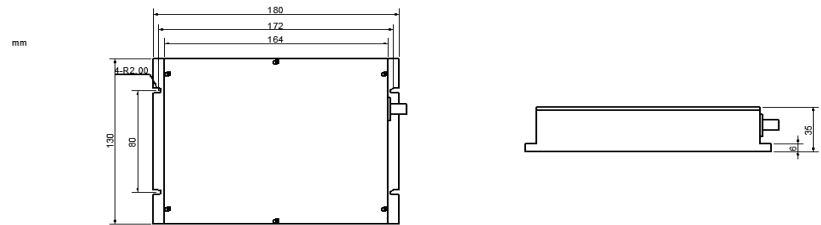
**D100 Package View :**

131mm\*90mm\*33mm



**D200 Package View :**

180mm\*130mm\*35mm



**D300 Package View :**

304mm\*224mm\*207mm

