



LED Light Source UFLS Series

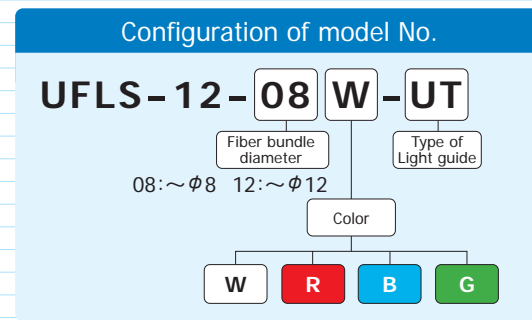


Specifications	
Model No	UFLS-12-08 UFLS-12-12
Fiber bundle diameter	~φ8 ~φ12
Illumination intensity	300.000 lx *at WD 50mm
Color	Standard : White / Make to Oder : Red Blue Green
Color Temperature	6.500K (white)
Input Voltage	AC100~230V 50/60HZ
POWER CONSUMPTION	80VA
Intensity Control System	Manual by volume knob on the front panel
	Remote RS-232C 8bit digital 0~5V Analog
Interface	D-sub25pin
Average Lifetime	30.000H*
Operating Temperature	0°~40°
Dimension	W74 x H118 x D242 *not including protruding parts.
Weight	approx 1.5Kg
	ROHS Compliant.

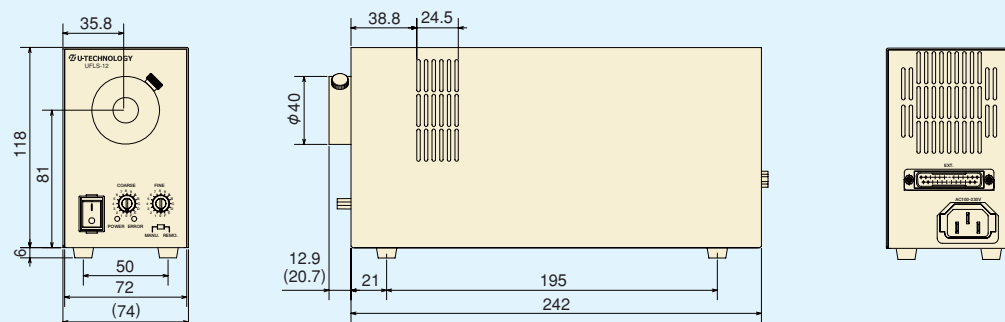
ROHS Compliant.

*Measured by using straight light guide.
*Not guaranteed lifetime, which depends on the operation enviroment.

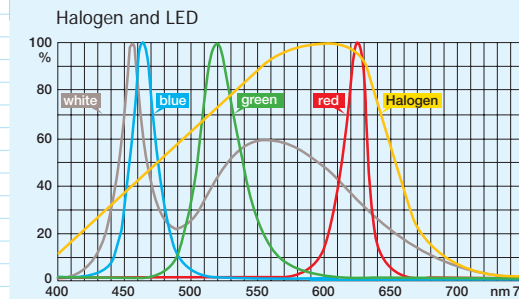
● High Power LED with original optics providing extremely high intensity **Brighter than 150W** halogen light source.



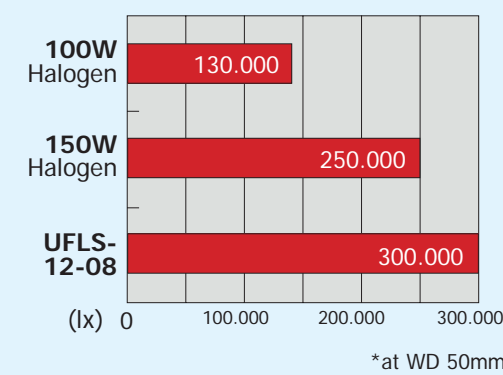
Dimension



Spectrum characteristics



Intensity Comparison.

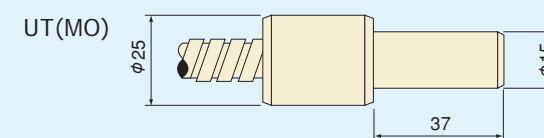


Pin Assignment

S1 Position	Serial (RS232C)	8-bit Digital	Analog	In/Out	Power On/Off to change modes
1		Common(+)	Common(+)	(A)	Shared Power Source
2	TxD			Out	Data Output
3	RxD			In	Data Input
4	RTS(N.C)			Out	
5	CTS(N.C)			In	
6					
7	D.GND	D.GND	D.GND		Digital Ground
8					
9		Bit 0(LSB)	Analog input (0-5V)	In(K)	Light Modulating Signal (LSB) Analog 0-5V
10		Bit 1		In(K)	Light Modulating Signal
11		Bit 2		In(K)	Light Modulating Signal
12		Bit 3		In(K)	Light Modulating Signal
13		Bit 4		In(K)	Light Modulating Signal
14		Bit 5		In(K)	Light Modulating Signal
15		Bit 6		In(K)	Light Modulating Signal
16		Bit 7(MSB)		In(K)	Light Modulating Signal (MSB)
17		On/Off	On/Off	In(K)	External On/Off
18					
19					
20					
21					
22		Error Signal	Error Signal	Out(E)	Alarm Output
23					
24					
25		Trigger Input / Error Signal Off	Error Signal Off	In(K)	Trigger Input / Error Signal Off

Dimension example of Light Guide.

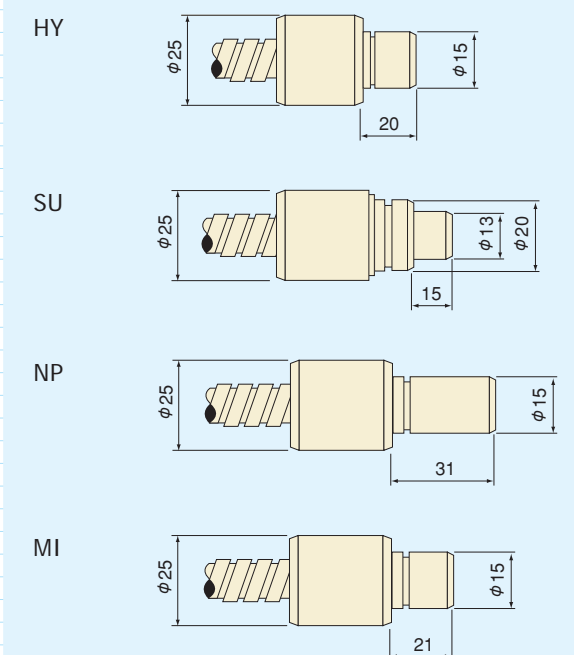
<Standard>



* If you use other light guide, please ask us.

Dimension example of Light Guide.

<Optional>



Option.

*External control cable.
UTC-EXC-25P / D-sub 25pin