



You can also use
your smartphone
or cell phone.

Provides light output that exceeds that of a 100 W halogen light source



(Without external control)

(With external control)

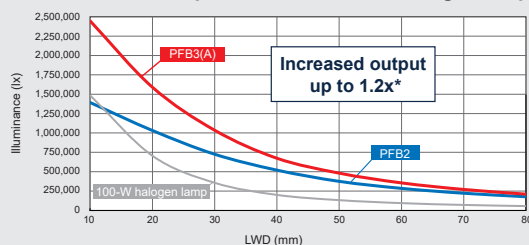


Applications Connect to light guides and use as a light source

Renewed with Increased Brightness

Achieved high output up to 1.2x that of the conventional PFB2 Series.

Illuminance comparison with a 100-W halogen lamp



* Actual measurement values with light intensity of 100%, bundles of Ø8 mm, a straight light guide installed, and at positions of 50 mm illuminating distance away from the fiber output edge.
The data included is for reference only and the results for individual products may vary.

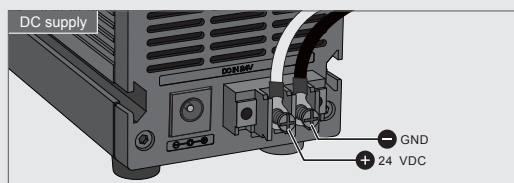
Supports Major Light Guide Manufacturers

Supports major light guide manufacturers
(5 Japanese companies, 6 international companies).

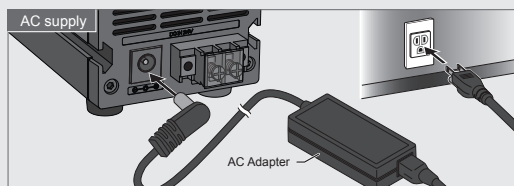
For details, refer to *Light Guide Adapter Dimensions Chart* on P. 220.

Select a Power Supply to Match Your Actual Environment

The terminal block on the unit rear supports 24 VDC input. With an optional AC adapter, it can also support 100 to 240 VAC input. You can make a selection to match your actual environment.



Use the terminal block on the rear of this unit for 24 VDC input.



Use the optional AC adapter for 100 to 240 VAC input.

Model name: ADP2460-PFB-JTLV6

(U.S. DoE CEC Level VI External Power Supply Efficiency Standards compliant)

Selectable External Control

The lineup includes a model where intensity can only be manually adjusted, and models that allow for external control. There are three types of external control: serial, parallel, and analog. ON/OFF control and intensity control are possible by each control type.



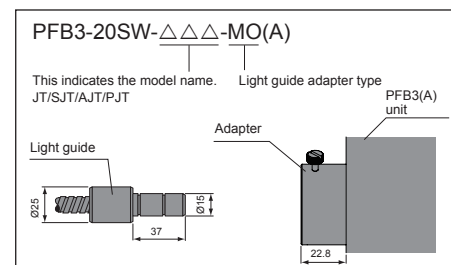
Lineup

Model name	LED color	Power consumption	Options	Weight
PFB3-20SW-JT-□□□(A)	White	18 W	AC Adapter	1,200 g
PFB3-20SW-SJT-□□□(A)			AC Adapter External control cable (Serial type)	
PFB3-20SW-PJT-□□□(A)			AC Adapter	
PFB3-20SW-AJT-□□□(A)			AC Adapter External control cable (Parallel, Analog type)	

LED Properties: Spectral Distribution ▶ P.400

Inquire with your light guide manufacturer for details about the light guide.
Installation method: Do not place anything within 50 mm of the fan exhaust outlet on the rear, the air inlets on the left and right sides, and the top of the PFB3(A) unit.

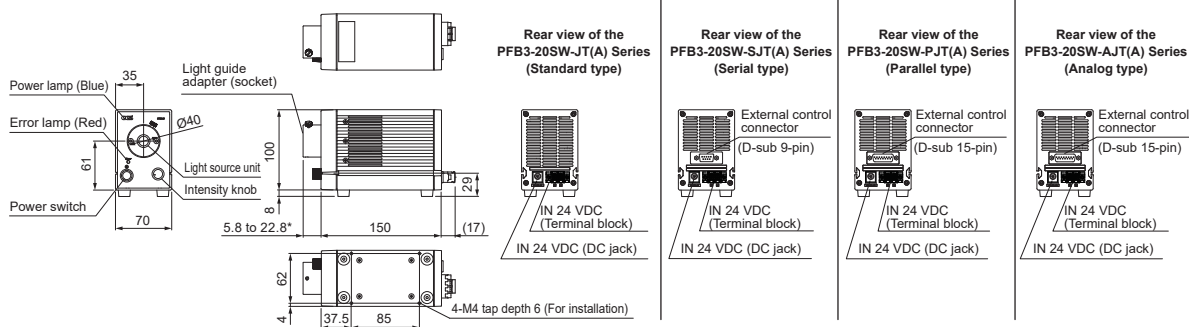
How to read light guide adapter dimensions chart



How to read the lineup selection chart

PFB3-20SW-JT-□□□(A)	This indicates the light guide adapter type.
JT/SJT/AJT/PJT	-MO/-NP/-MI/-HY/-SU/-VL/-TF/-TE/-SH1/-SH2/-DJ1/-DJ2/-DJ3/-DJ4/-CS1/-IT

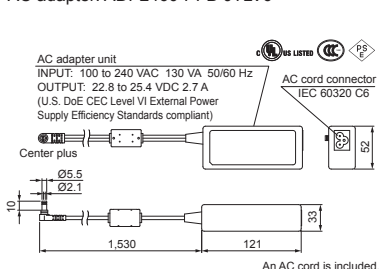
Dimensions (mm)



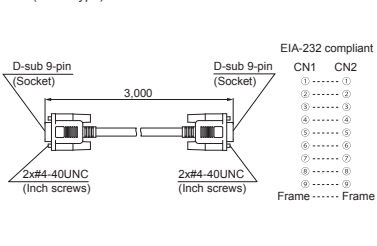
* The dimensions of the connection adapter (socket) vary based on the light guide in use. For detailed information, refer to *Light Guide Adapter Dimensions Chart*.

Options

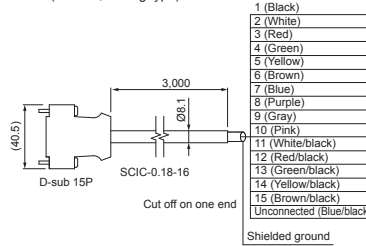
AC adapter: ADP2460-PFB-JTLV6



External control cable: EXCB2-9-9-3-ST (Serial type)



External control cable: EXCB2-B3 (Parallel, analog type)



Light Guide Adapter Dimensions Chart (mm)

Common for the series			
PFB3-20SW-□□□-MO(A)	PFB3-20SW-□□□-NP(A)	PFB3-20SW-□□□-MI(A)	PFB3-20SW-□□□-HY(A)
PFB3-20SW-□□□-SU(A)	PFB3-20SW-□□□-VL(A)	PFB3-20SW-□□□-TF(A)	PFB3-20SW-□□□-TE(A)
PFB3-20SW-□□□-SH1(A)	PFB3-20SW-□□□-SH2(A)	PFB3-20SW-□□□-DJ1(A)	PFB3-20SW-□□□-DJ2(A)
PFB3-20SW-□□□-DJ3(A)	PFB3-20SW-□□□-DJ4(A)	PFB3-20SW-□□□-CS1(A)	PFB3-20SW-□□□-IT(A)

You can inquire using our website.

Sample Testing	Light Unit Selection	Free Product Trial	Custom Orders	Product Details	Pricing/Quotation	Discontinued Products
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Inquire on our website here.
<https://www.ccs-grp.com/contact/>

LDR2	LDR2-LA	LDR-LA1	SQR	SQR-TP	Direct Lighting
HLDR3					Convergent Lighting
HPR2	LFR	LKR	FPR	FPQ3	Diffused Lighting
LDL2	LDLB	HDL3	HDL2		Direct Lighting / Convergent Lighting
TH2 (5 types)	LFL	HPD2	LDM2	LAV	Diffused Lighting
	PDM	LFV3	LFV3-G		
MSU	MFU				Colimated Lighting
PF					Spot Lighting
HLDR-IP	HSL-PCL				Water-proof
Small COB Lights					COB Lights
UV3/VL3	UV2	UV			UV / Violet Lighting
LNSP-UV3-FN	LNSP-UV-FN				
(Under 1000-nm type)	IR2	IR			Infrared Lighting
(Over 1000-nm type)	CIR				
IU					Intensity Control
HLV3	LV	LSP			
HFS/HFR					Spot Lighting, Etc.
HLV3-22-4-NR	HLV3-3M-RGB-4				
PFBR-600	PFBR-150				
LNLP	LNLP2	Coaxial Units	LNFP-FN	LN/LN-HK	Convergent Lighting
LNLD	LT				
LNVD	LFV3 (Rectangular Type)	TH2 (Rectangular Type)			Diffused Lighting
LNIS2	LNIS	LNIS-FN			
Telecentric Lens					Macro Lens