



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)

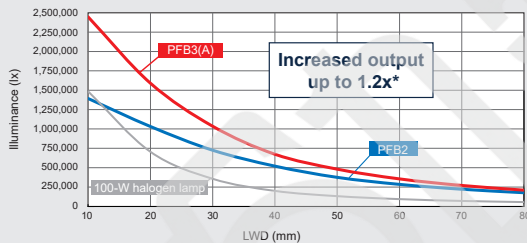


Applications Connect to light guides and use as a light source

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 Ø6 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.

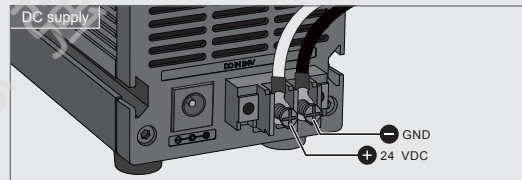
Supports Major Light Guide Manufacturers

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

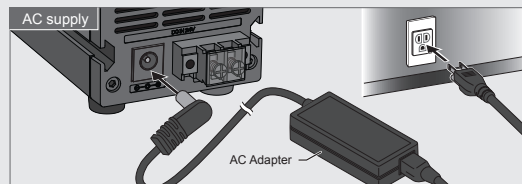
For details, refer to *Light Guide Adapter Dimensions Chart* on P. 220.

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.



Standard type PFB3-20SW-JT(A) Series

Manual intensity control Without external control

Serial type PFB3-20SW-SJT(A) Series

Manual intensity control With external control

Parallel type PFB3-20SW-PJT(A) Series

Manual intensity control With external control

Analog type PFB3-20SW-AJT(A) Series

Manual intensity control With external control

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)			External control cable (Parallel, Analog type)	

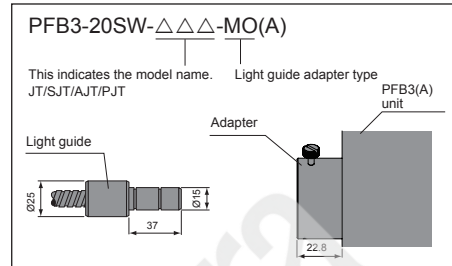
LED Properties: Spectral Distribution ▶ P.400

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.

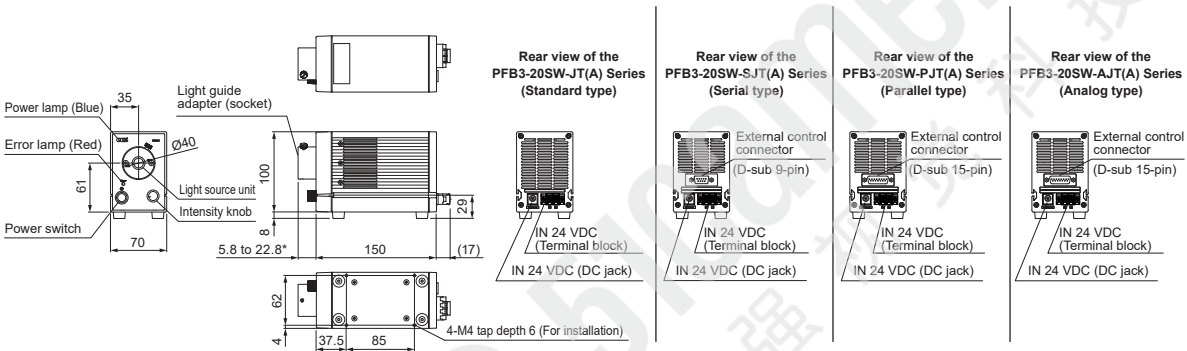
How to read the lineup selection chart

PFB3-20SW-JT-□□□(A)	
Model name	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

How to read light guide adapter dimensions chart



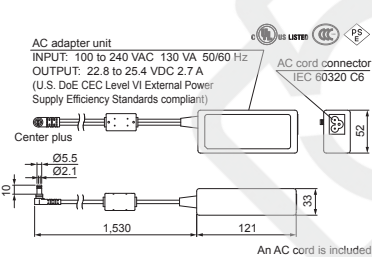
Dimensions (mm)



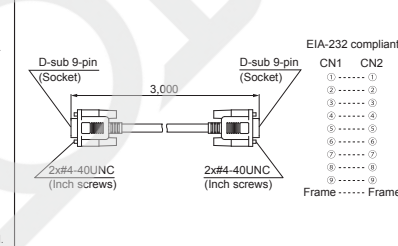
* The dimensions of the connection adapter (socket) vary based on the light guide in use. For detailed information, refer to *Light Guide Adapter Dimensions Chart*.

Options

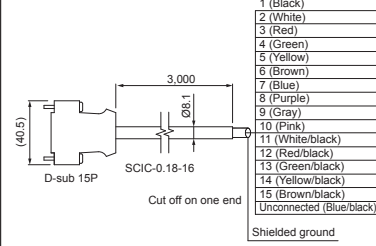
AC adapter: ADP2460-PFB-JTLV6



External control cable: EXCB2-9-9-3T (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

Inquire on our website here. <https://www.ccs-grp.com/contact/>

LDR2	Direct Lighting
LDR2-LA	Direct Lighting
LDR-LA1	Direct Lighting
SQR	Direct Lighting
SQR-TP	Direct Lighting
HLDR3	Convergent Lighting
HPR2	Diffused Lighting
LFR	Diffused Lighting
LKR	Diffused Lighting
FPR	Diffused Lighting
FPQ3	Diffused Lighting
LDL2	Direct Lighting / Convergent Lighting
LDLB	Direct Lighting / Convergent Lighting
HLDL3	Direct Lighting / Convergent Lighting
HLDL2	Direct Lighting / Convergent Lighting
TH2 (5 types)	Direct Lighting
LFL	Diffused Lighting
HPD2	Diffused Lighting
LDM2	Diffused Lighting
LAV	Diffused Lighting
PDM	Diffused Lighting
LFV	Diffused Lighting
LFV3-PT	Diffused Lighting
LFV3	Diffused Lighting
LFV3-G	Diffused Lighting
MSU	Colimated Lighting
MFU	Colimated Lighting
PF	Stroke Lighting
HLDR-IP	Water-proof
HSL-PCL	Water-proof
Small COB Lights	COB Lights
UV3/VL3	UV / Violet Lighting
UV2	UV / Violet Lighting
UV	UV / Violet Lighting
LNSP-UV3-FN	UV / Violet Lighting
LNSP-UV-FN	UV / Violet Lighting
(Under 1000-nm type)	Infrared Lighting
(Over 1000-nm type)	Infrared Lighting
CIR	Infrared Lighting
IU	Intensity Control
HLV3	Spot Lighting, Etc.
LV	Spot Lighting, Etc.
LSP	Spot Lighting, Etc.
HFS/HFR	Spot Lighting, Etc.
HLV3-22-4-NR	Spot Lighting, Etc.
HLV3-3M-RGB-4	Spot Lighting, Etc.
PFBR-600	Spot Lighting, Etc.
PFBR-150	Spot Lighting, Etc.
PFB3	Spot Lighting, Etc.
LNL	Convergent Lighting
LNSP2	Convergent Lighting
Coaxial Units	Convergent Lighting
LNSP-FN	Convergent Lighting
LNLN-HK	Convergent Lighting
LNSD	Diffused Lighting
LND2	Diffused Lighting
LT	Diffused Lighting
LNV	Diffused Lighting
(Rectangular Type)	Diffused Lighting
TH2 (Rectangular Type)	Diffused Lighting
LNDG	Oblique Angled Lighting
LNSI2	Oblique Angled Lighting
LNSI	Oblique Angled Lighting
LNSI-FN	Oblique Angled Lighting
Telecentric Lens	Macro Lens