



LED Light Source Unit PFB2 Series

Used to replace halogen light sources

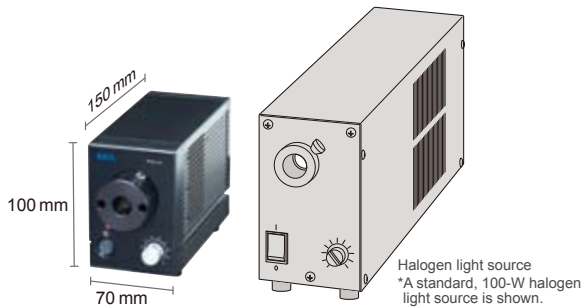
Achieved with white power LEDs and a unique light converging technology.



Relevant information is listed on page 1.

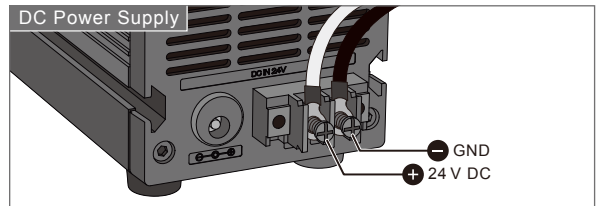
Compact Size That Fits Almost Anywhere

A compact design (70×150×100 mm (W×D×H)) helps conserve space.

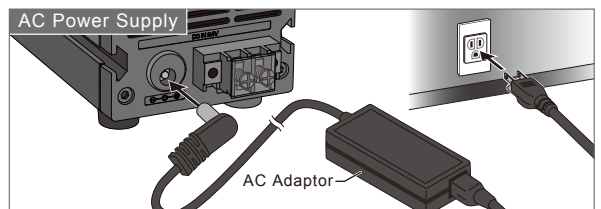


Select the Power Supply According to the User Environment

The terminal block on the rear panel accepts a 24-V DC input. The optional AC Adaptor supports an AC input of 100 to 240 V. Select the best one for your site environment.



Use the terminal block on the back of the Light Source for 24-V DC power supply.



Use the AC Adaptor for a 100 to 240-V AC power supply. (Model: ADP2460-PFB-JT)

Compatible with a Wide Variety of Light Guides

Light Guides from five companies in Japan and six companies in other countries can be used

*For further details, refer to the adapter dimensions table for mounting the Light Guide on page 68.

Selection of External Control Types

The PFB2 Series provides Light Sources with only manual light intensity control and Light Sources that also provide external light intensity control. Three types of external light intensity control are available: serial, parallel, and analog. Both intensity control and ON/OFF control are possible with any of these types.



Standard Type
PFB2-20SW-F-JT series

Manual light intensity control No external control



Serial Type
PFB2-20SW-F-SJT series

Manual light intensity control External control



Parallel Type
PFB2-20SW-F-PJT series

Manual light intensity control External control



Analog Type
PFB2-20SW-F-AJT series

Manual light intensity control External control

Product Lineup Table

Direct Number : You can easily access the web page providing information on any desired product by simply entering the 7-digit direct number in the space provided. (Refer to the back cover of this brochure.)

Series	Direct Number	Model Name	Color	Power Consumption
PFB2	6010	PFB2-20SW-F-JT-□□□□	○	15W
		PFB2-20SW-F-SJT-□□□□		
		PFB2-20SW-F-PJT-□□□□		
		PFB2-20SW-F-AJT-□□□□		

*Ask the manufacturer for details on Light Guides.

*Installation Method: Do not place anything within 50 mm of the fan exhaust outlet on the rear panel, the fan air inlets on the side panels, or the top panel.

Reading Lineup Selection Table

PFB2-20SW-F-JT-□□□□

Model name
JT/SJT/AJT/PJT

The Light Guide Mounting Adaptor is specified here.
-MO/-NP/-MI/-HY/-SU/-VL/-TF/
-TE/-SH1/-SH2/-DJ1/-DJ2/-DJ3/
-DJ4/-CS1/-IT

Reading Light Guide Mounting Adapter Dimensions

PFB2-20SW-F-□□□□-MO

The type is entered here:
JT, SJT, AJT, or PJT.

Light guide attachment adaptor

PFB2 Light Source

Dimension Diagrams (Unit: mm)

PFB2 series

Rear View of PFB2-20SW-F-JT (Standard Type)

Rear View of PFB2-20SW-F-SJT (Serial Type)

Rear View of PFB2-20SW-F-PJT (Parallel Type)

Rear View of PFB2-20SW-F-AJT (Analog Type)

*The dimensions of the light guide attachment adaptor depend on the light guide that you use. For details, refer to information available on the Web or contact CCS.

*For dimensions, refer to the dimension diagrams of the PFB2 Series.

Optional Accessories

AC Adaptor (Model: ADP2460-PFB-JT)

AC Adaptor
Input: 100 to 240 V AC, 115 VA, 50/60 Hz
Output: 24 V DC, 60 W

AC Cord connector
IEC 60320 C6

Accessories: AC Cord

External Control Cable (Model: EXCB2-9-9-3-ST) (Serial Type)

9-pin D-sub socket

9-pin D-sub socket

EIA-232 compliant

3000

2x#4-40UNC (inch screws)

2x#4-40UNC (inch screws)

Frame Frame

External Control Cable (Model: EXCB2-B3) (Parallel Type or Analog Type)

3000

40.5

D-sub, 15-pin

SCIC-0.18-16

Loose wires on one end

1	(black)
2	(white)
3	(red)
4	(green)
5	(yellow)
6	(brown)
7	(blue)
8	(purple)
9	(gray)
10	(pink)
11	(white/black)
12	(red/black)
13	(green/black)
14	(yellow/black)
15	(brown/black)
	(Not connected (blue/black))
	Shield ground

Light Guide Attachment Adaptor Dimension Diagrams (Unit: mm)

PFB2-20SW-F-□□□□-MO Dimensions: 37, 22.8, 6.2	PFB2-20SW-F-□□□□-NP Dimensions: 31, 16.8, 6.2	PFB2-20SW-F-□□□□-MI Dimensions: 21, 6.8, 6.2	PFB2-20SW-F-□□□□-HY Dimensions: 20, 5.8, 6.2
PFB2-20SW-F-□□□□-SU Dimensions: 30, 15.8, 6.2	PFB2-20SW-F-□□□□-VL Dimensions: 22.2, 8, 6.2	PFB2-20SW-F-□□□□-TF Dimensions: 30, 15.8, 6.2	PFB2-20SW-F-□□□□-TE Dimensions: 12.7, 11.8, 6.2
PFB2-20SW-F-□□□□-SH1 Dimensions: 18.3, 11.5, 6.2	PFB2-20SW-F-□□□□-SH2 Dimensions: 25, 10.8, 6.2	PFB2-20SW-F-□□□□-DJ1 Dimensions: 12.7, 11.8, 6.2	PFB2-20SW-F-□□□□-DJ2 Dimensions: 12.7, 11.8, 6.2
PFB2-20SW-F-□□□□-DJ3 Dimensions: 12.7, 11.8, 6.2	PFB2-20SW-F-□□□□-DJ4 Dimensions: 12.7, 11.8, 6.2	PFB2-20SW-F-□□□□-CS1 Dimensions: 17.8, 6.2	PFB2-20SW-F-□□□□-IT Dimensions: 31.65, 17.45, 6.2

*Applicable only to CCS's HFS/HFR-series Micro-Fiber Heads.