

57

Bar

Flat

Nater-proof

COB

UV / Violet

Infrared

Etc.

Line (Diffused)

enses

documents available.

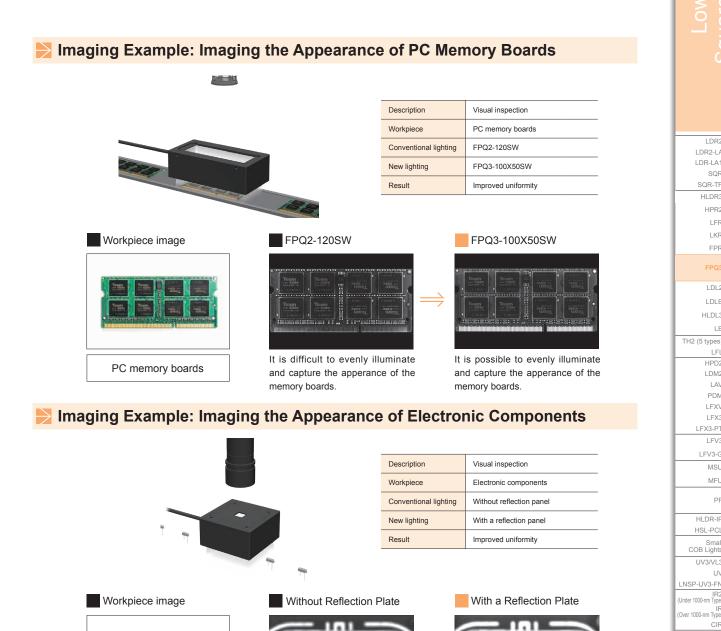
Drawings

Drawings

Brochures

Shee

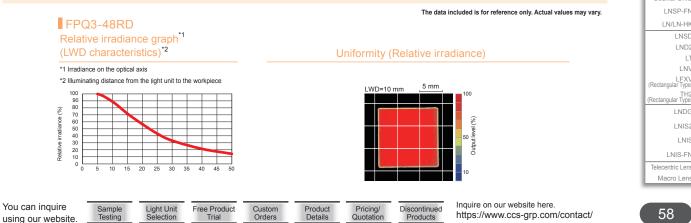
Register to use them.



# Data: Relative Irradiance Graph and Uniformity (Representative Example)

characters.

Electronic components



Illuminating from a low angle allows

you to observe the engraved

LDR2

SQR

FPR

LDL2 LDLB Bar HLDL3 LB TH2 (5 types)

HPD2

LDM2 LAV

LFX3 LFX3-PT LFV3

> MSU MFU

> > PF

LNSP-UV3-FN

HLDR-IP

HSL-PCL

Small COB Lights COB

Over 1000-nm Tv CIR IU HLV3 LV LSP HFS/HFR Etc.

HLV3-22-4-NR

HLV3-3M-RGB-4

PFBR-600SW2

PFBR-150

Coaxial Units LNSP-FN

LN/LN-HK

LFXV (Rectangular Type)

LNSD

LND2

LNDG

LNIS LNIS

Obli LNIS-FN Telecentric Lens Macro Lens

TEXA TEXA TEine (Diffused)

PFB3 LNLP LNSP2

Illuminating from above and a low

angle allows you to observe the

characters and blots

Flat LEL

Dome PDM LFXV

SQR-TP HLDR3 HPR2 LKR

LDR2-LA Ring LDR-LA1

# FPQ3 Series



### Refer to our website for product details.

CCS FPQ3 Search

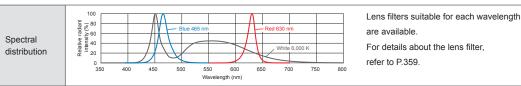


## Lineup

Model Name*1	Input Voltage	Power Consumption				Extension	Recommended	
		RD (Red)	SW (White)	BL (Blue)	Options	Cables	Control Units	Weight
FPQ3-20	24 V	1.3 W	3.1 W	2.6 W	-	FCB*5	PD4 PD3 2	25 g
FPQ3-32	24 V	3.8 W	7.1 W	5.1 W	Reflective plate	Straight Cable  CC-ST-1024  F    FCB-W*6  2-Branch Cable  PD4  CC-ST-1024*3    FCB-F	CC-ST-1024 POD*2	50 g
FPQ3-48□□	24 V	5.1 W	11 W	7.6 W				90 g
FPQ3-600	24 V	7.6 W	15 W	11 W	_		CC-ST-1024*4 POD*2	120 g
FPQ3-750	24 V	12 W	22 W	16 W				155 g
FPQ3-96	24 V	13 W	25 W	18 W	Reflective plate		PD4 PD3	170 g
FPQ3-120	24 V	16 W	27 W	21 W			POD*2	220 g
FPQ3-100×50□□	24 V	11 W	18 W	13 W				135 g

\*2 For information on the combination of light units and POD Series control unit, please refer to our website. https://www.ccs-grp.com/lnk/qr/pod

# LED Properties



Be sure to read the User Manual included with the product before use and follow the safety precautions upon use. The data included is for reference only. Actual values may vary.

#### Options

Reflection plate	
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Model name	Applicable Light Unit (Common for all colors)		
RP-FPQ3-32-SQ5	FPQ3-32		
RP-FPQ3-96-SQ20	FPQ3-96		
RP-FPQ3-120-SQ20	FPQ3-120		
RP-FPQ3-100X50-SQ10	FPQ3-100X50		

Installing the reflection

plate on the light unit

enhances the dome

effect, which enables

highly-uniform and

diffused illumination.

Accessories: Flat countersunk head screws, JCIS #0 type 1, M2 (4 mm) x 5 pieces The FPQ3-48-, FPQ3-60-, and FPQ3-75 Series light units have a

The FPQ3-48-, FPQ3-60-, and FPQ3-75 Series light units have a factory-installed reflection plate.

PDF

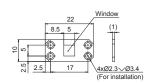
Drawings

DXF

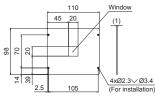
Drawings

Product Brochures

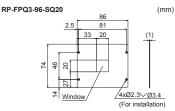




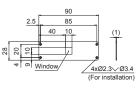
#### RP-FPQ3-120-SQ20



Data Sheets



RP-FPQ3-100X50-SQ10





Instruction 3D Guides CAD Imaging Digital Examples Catalogs

LDR2 LDR2-LA

LDR-LA1

SQR

SQR-TP

HLDR3

HPR2

LKR

FPR

LDL2

LDLB

LB TH2 (5 types)

LEL

HPD2

LDM2

LAV Dome

PDM

LFXV

LFX3

LFV3

MSU

MFU PF

LFX3-PT

LFV3-G

HLDR-IP /ater-HSL-PCL

Small COB Lights COB

LNSP-UV3-FN

IR2 (Under 1000-nm Type) IR (Over 1000-nm Type)

CIR

IU

HLV3

LV

LSP

HFS/HFR Etc.

> PFB3 LNLP

LNSP2

Coaxial Units

LNSP-FN

LN/LN-HK

LFXV Rectangular Type)

TH2 (Rectangular Type)

LNSD

LND2 LINCZ LT LINC LT LINC (Diffused)

LNDG

LNIS-FN

Telecentric Lens Macro Lens

LNIS

Oblique

HLV3-22-4-NR

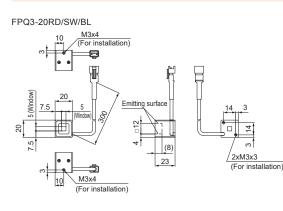
HLV3-3M-RGB-4

PFBR-600SW2 PFBR-150

Bar HLDL3

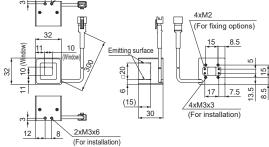
Flat

# **Dimensions (mm)**

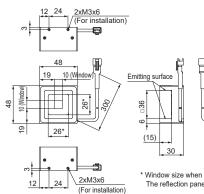


2xM3x6 12 8 (For installation) c ø

FPQ3-32RD/SW/BL



FPQ3-48RD/SW/BL



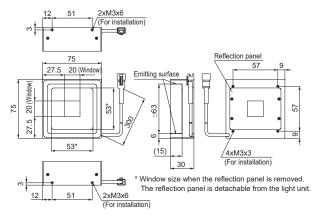
\* Window size when the reflection panel is removed. The reflection panel is detachable from the light unit.

4xM3x3

(For installation)

8

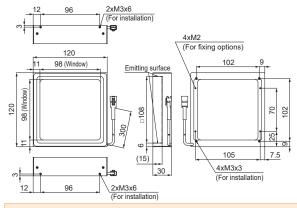






You can inquire

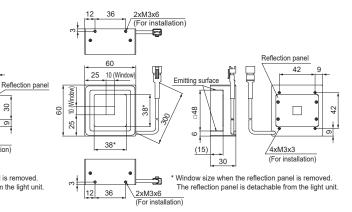
using our website.



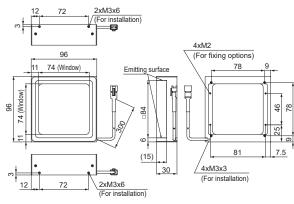
Light Unit Selection

Sample Testing

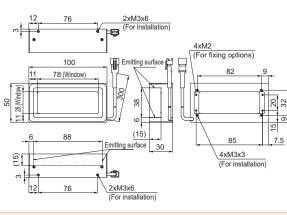
FPQ3-60RD/SW/BL



FPQ3-96RD/SW/BL



#### FPQ3-100×50RD/SW/BL



You can change the connectors of the light unit cable. Choose between M12 connectors and flying leads. Refer to P.19 for details.

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