

Digital Fiber Sensor

FX-300 SERIES

Sensing Characteristics Data Sheet



SENSING CHARACTERISTICS (TYPICAL)

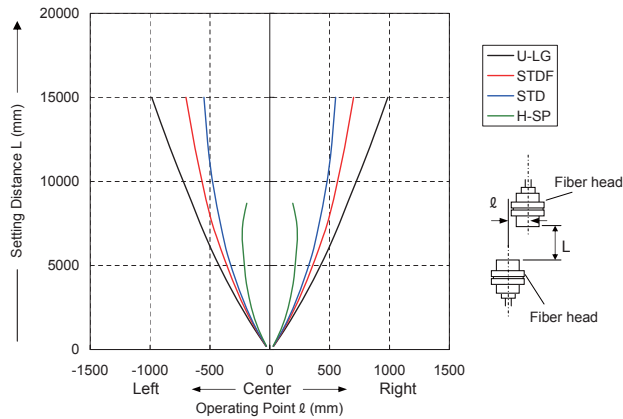
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-140

Thru-beam type

Common for horizontal and vertical direction

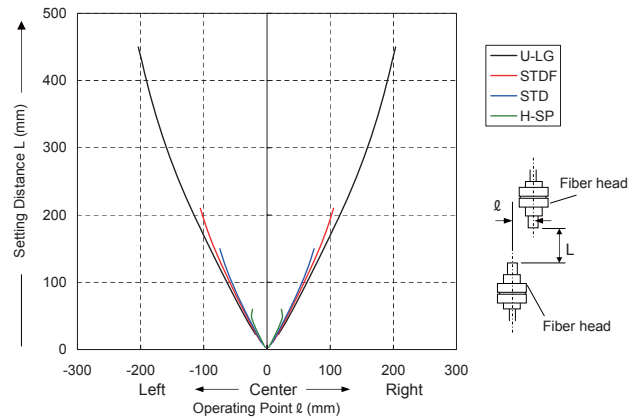


The sensing range at U-LG/STDF mode is 19,600mm (STD mode: 16,000mm), however the measurement is up to practical distance because the fiber cable length limits.

FT-30

Thru-beam type

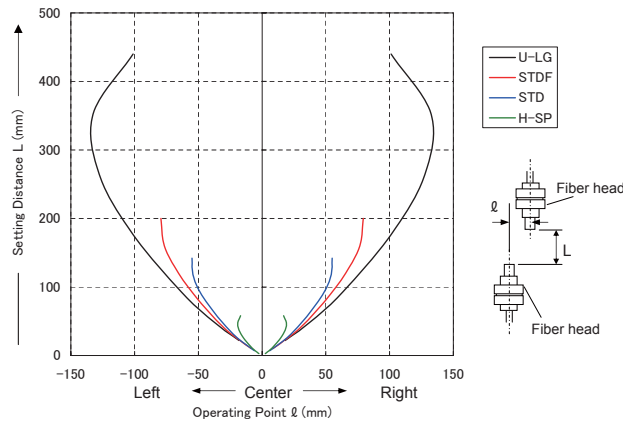
Common for horizontal and vertical direction



FT-31

Thru-beam type

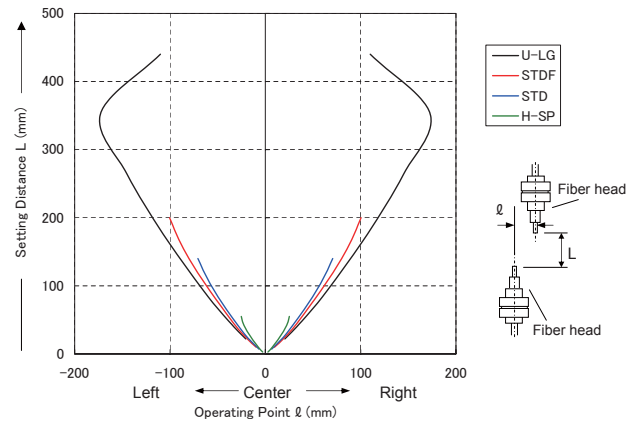
Common for horizontal and vertical direction



FT-31S

Thru-beam type

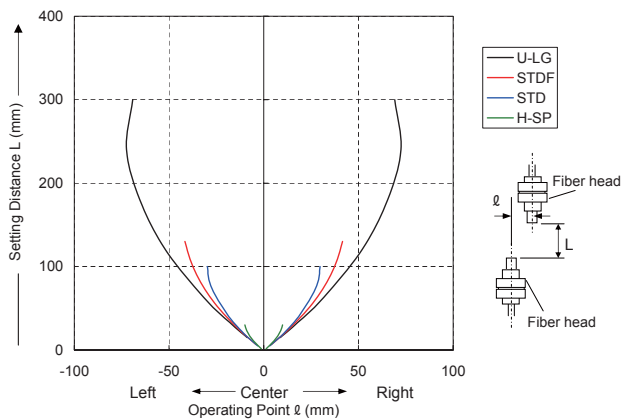
Common for horizontal and vertical direction



FT-31W

Thru-beam type

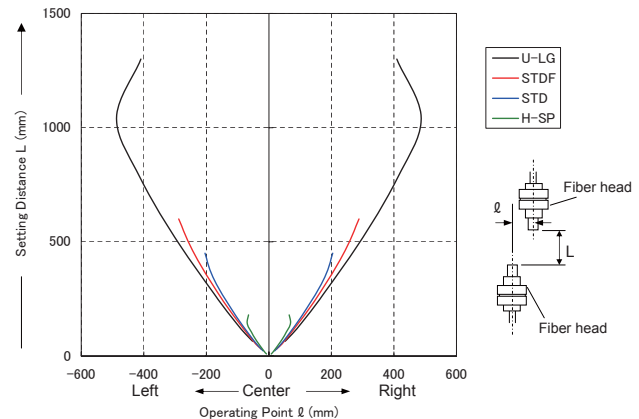
Common for horizontal and vertical direction



FT-40

Thru-beam type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

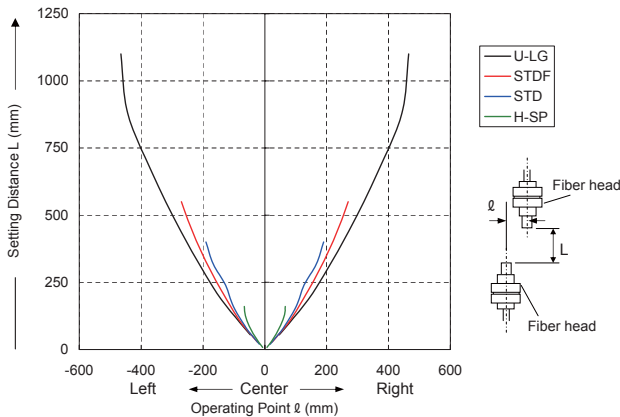
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-42

Thru-beam type

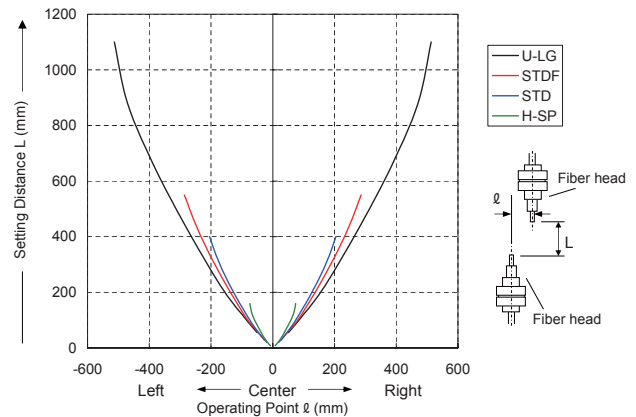
Common for horizontal and vertical direction



FT-42S

Thru-beam type

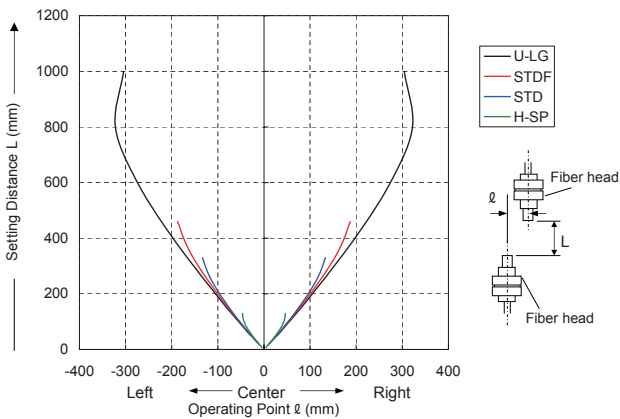
Common for horizontal and vertical direction



FT-42W

Thru-beam type

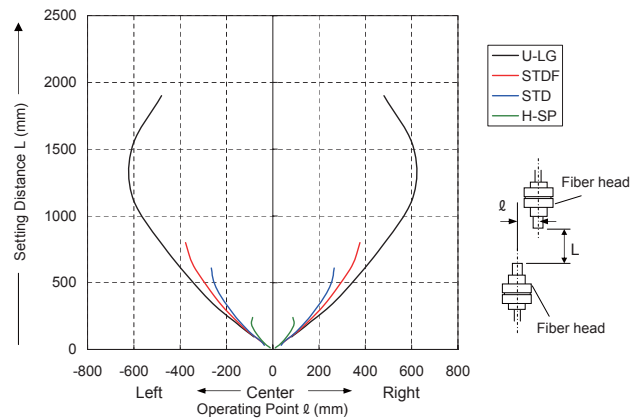
Common for horizontal and vertical direction



FT-43

Thru-beam type

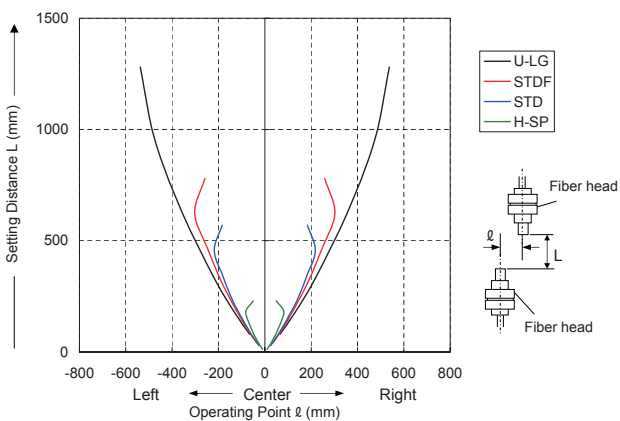
Common for horizontal and vertical direction



FT-45X

Thru-beam type

Common for horizontal and vertical direction



The sensing range at U-LG mode is 1,600mm, however the measurement is up to practical distance because the fiber cable length limits.

SENSING CHARACTERISTICS (TYPICAL)

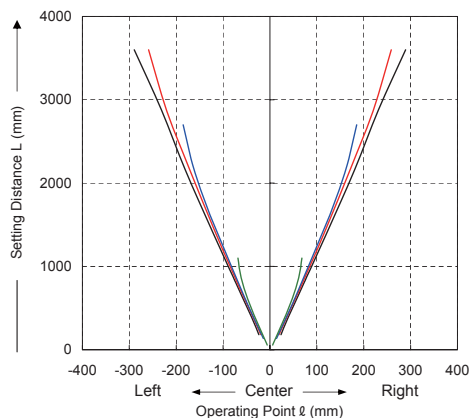
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

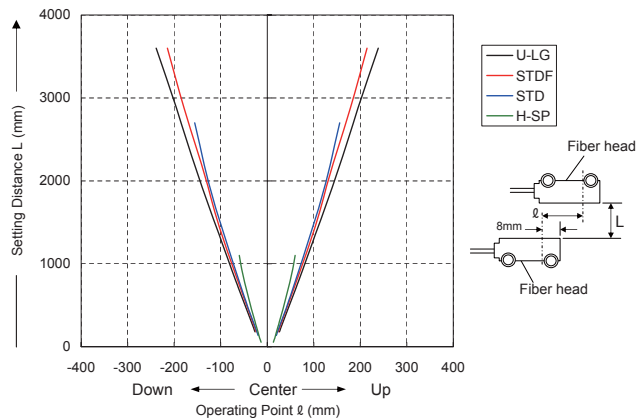
FT-A11

Thru-beam type

Horizontal direction



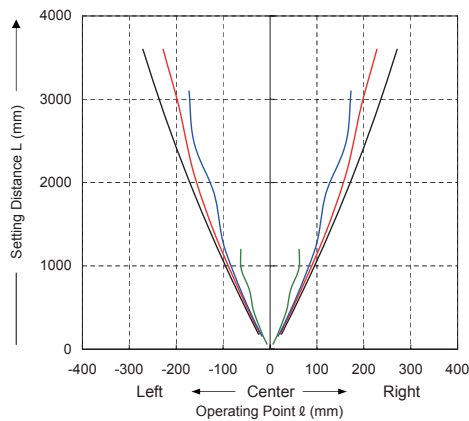
Vertical direction



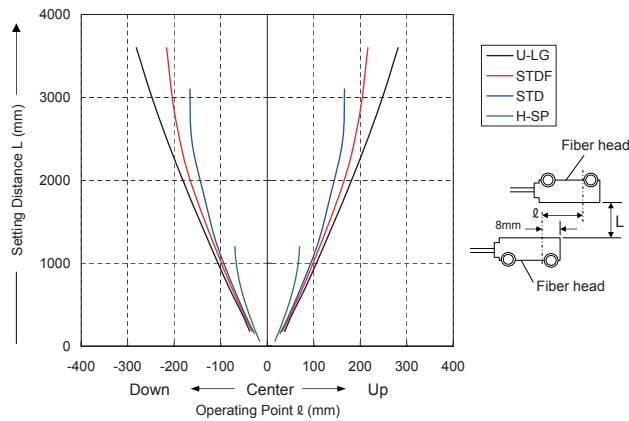
FT-A11W

Thru-beam type

Horizontal direction



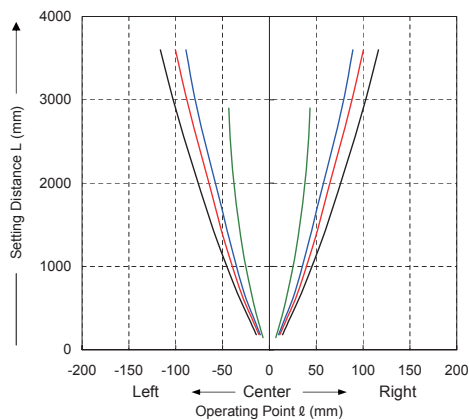
Vertical direction



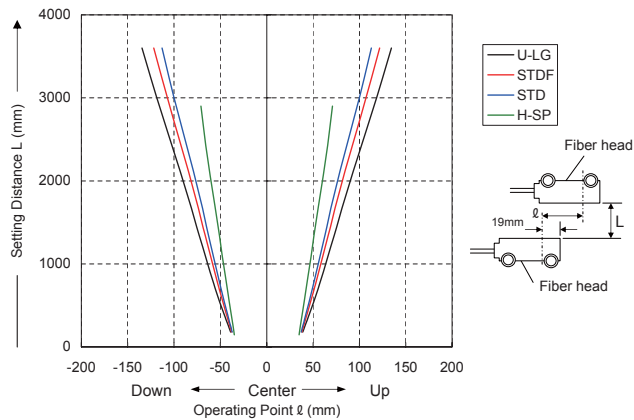
FT-A32

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

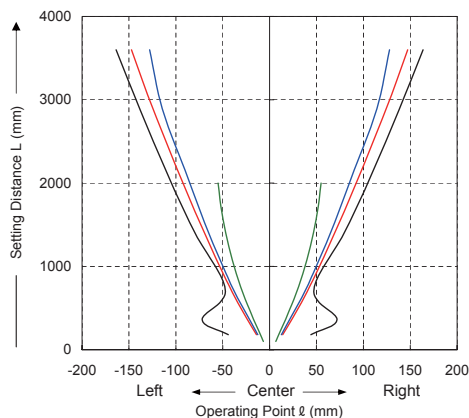
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

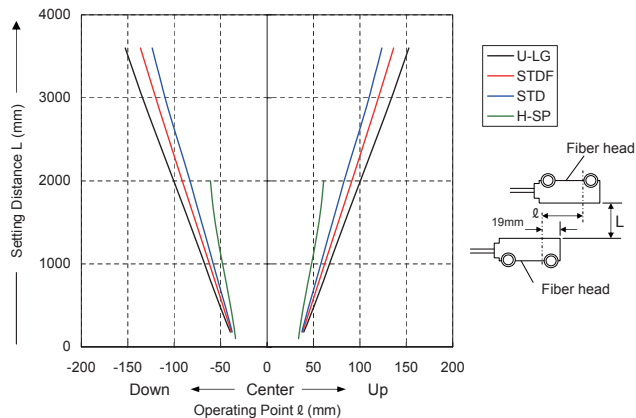
FT-A32W

Thru-beam type

Horizontal direction



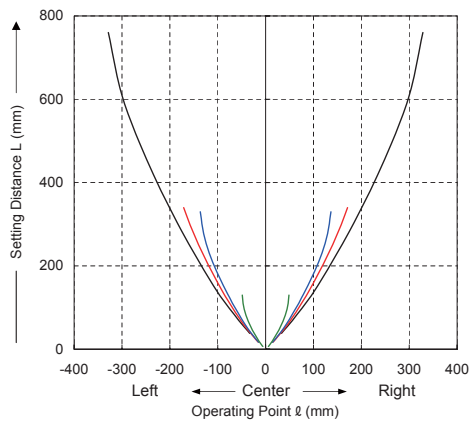
Vertical direction



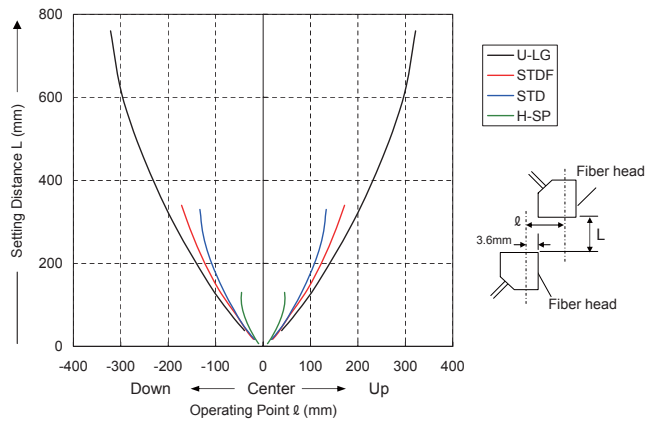
FT-AL05

Thru-beam type

Horizontal direction



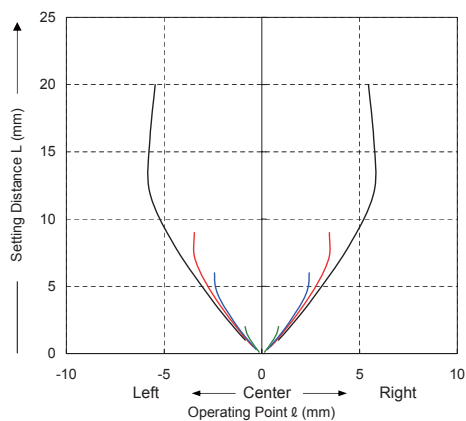
Vertical direction



FT-E13

Thru-beam type

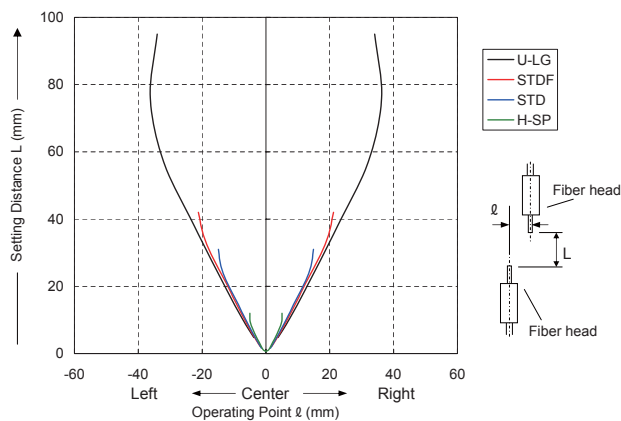
Common for horizontal and vertical direction



FT-E23

Thru-beam type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

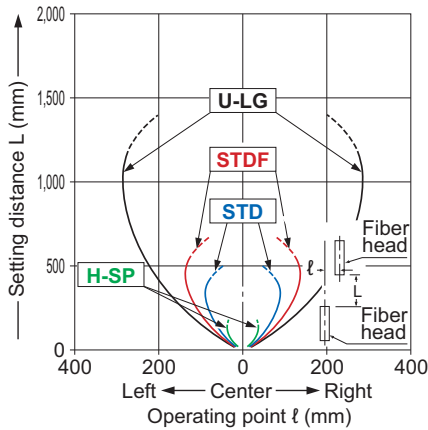
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-H13-FM2

Thru-beam type

Common for horizontal and vertical direction



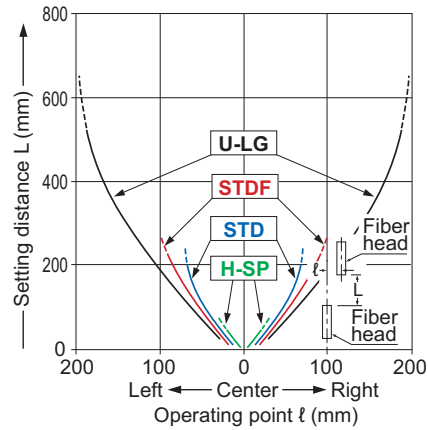
FT-H20-J20-S

FT-H20-J30-S

FT-H20-J50-S

Thru-beam type

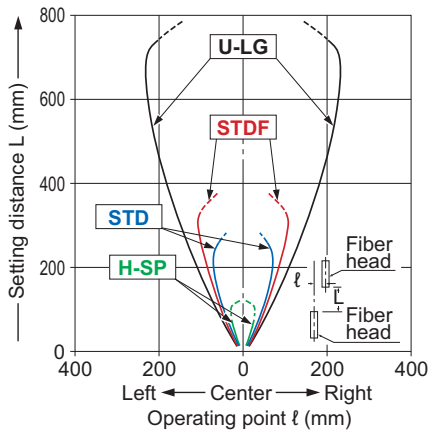
Common for horizontal and vertical direction



FT-H20-M1

Thru-beam type

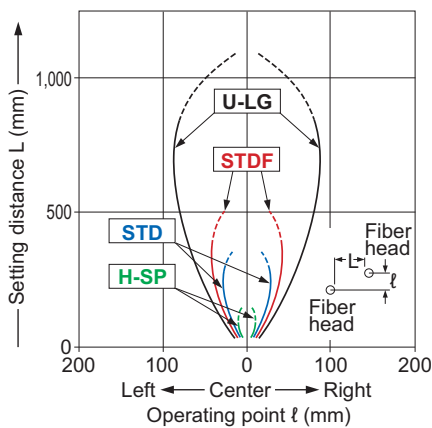
Common for horizontal and vertical direction



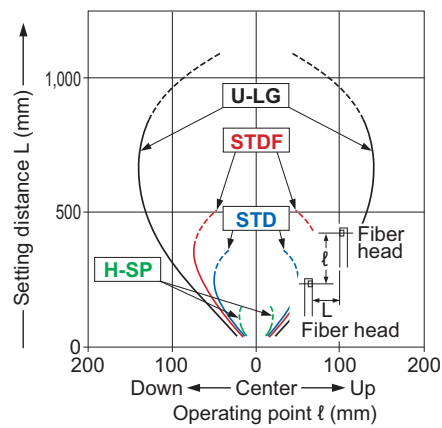
FT-H20-VJ50-S FT-H20-VJ80-S

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

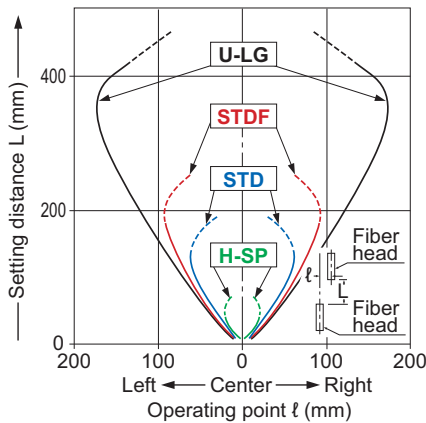
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-H20W-M1

Thru-beam type

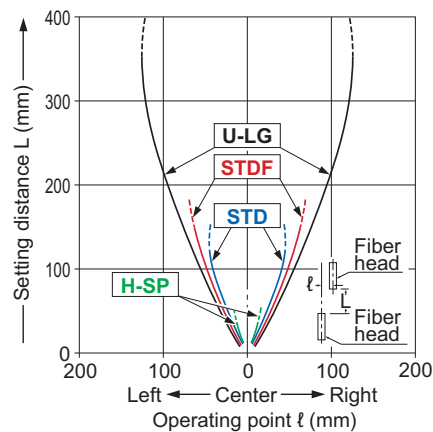
Common for horizontal and vertical direction



FT-H30-M1V-S

Thru-beam type

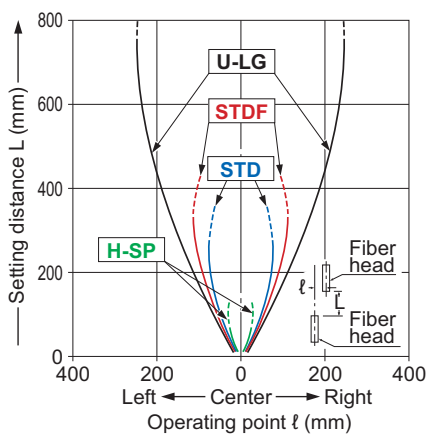
Common for horizontal and vertical direction



FT-H35-M2 FT-H35-M2S6

Thru-beam type

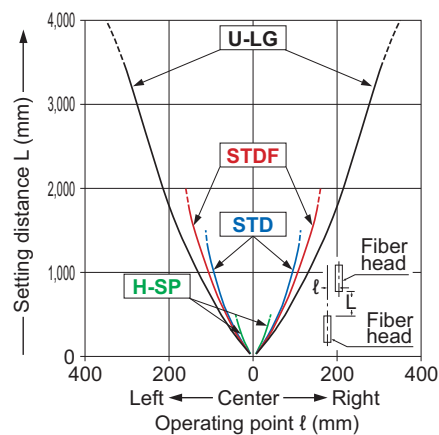
Common for horizontal and vertical direction



FT-HL80Y

Thru-beam type

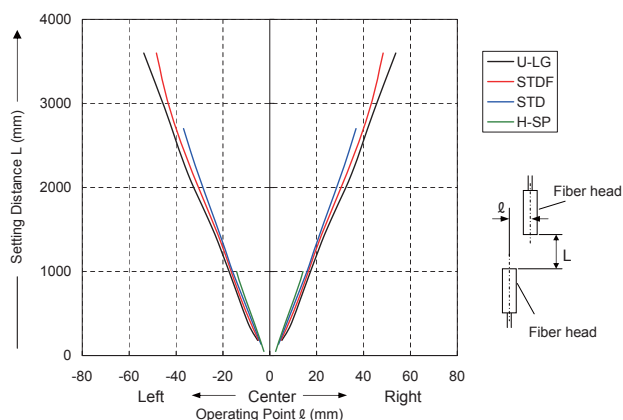
Common for horizontal and vertical direction



FT-KS40

Thru-beam type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

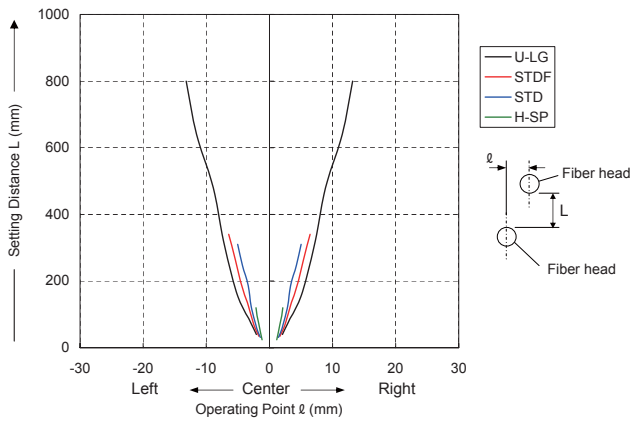
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Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

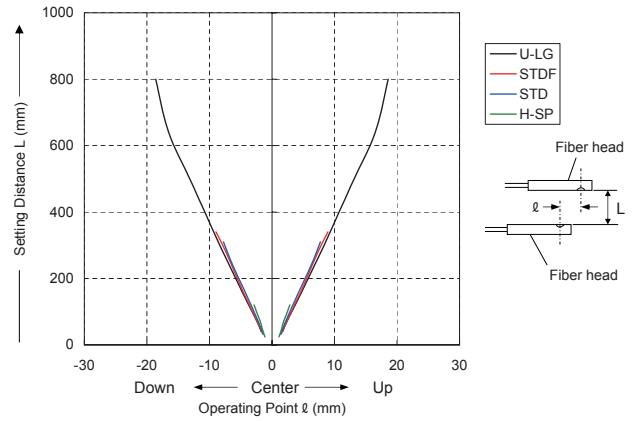
FT-KV26

Thru-beam type

Horizontal direction



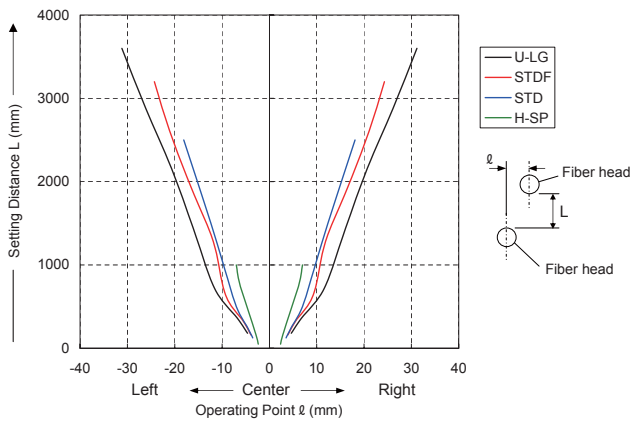
Vertical direction



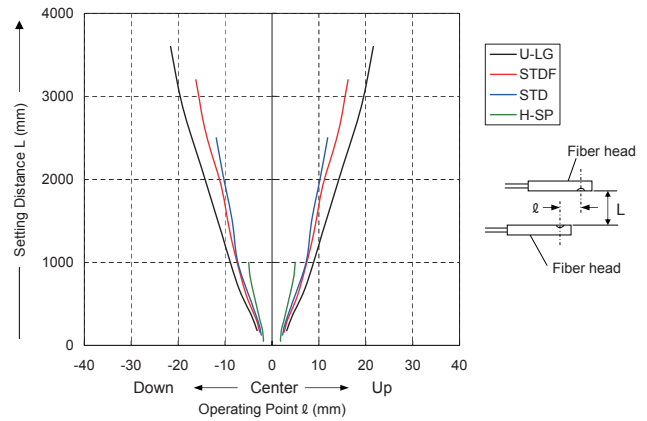
FT-KV40

Thru-beam type

Horizontal direction



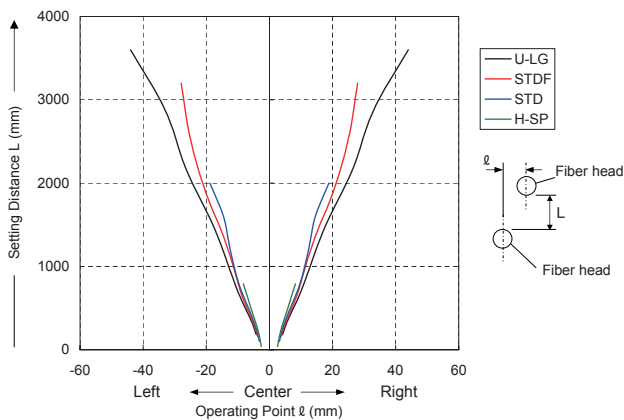
Vertical direction



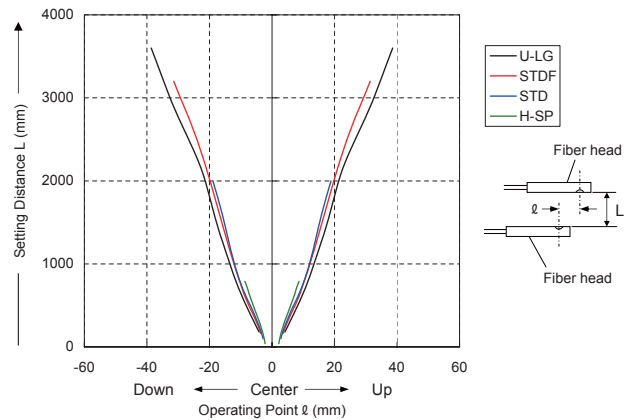
FT-KV40W

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

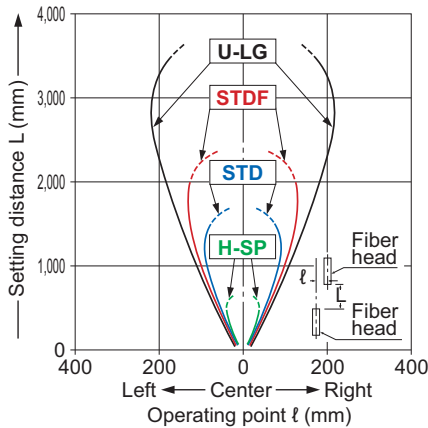
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FT-L80Y

Thru-beam type

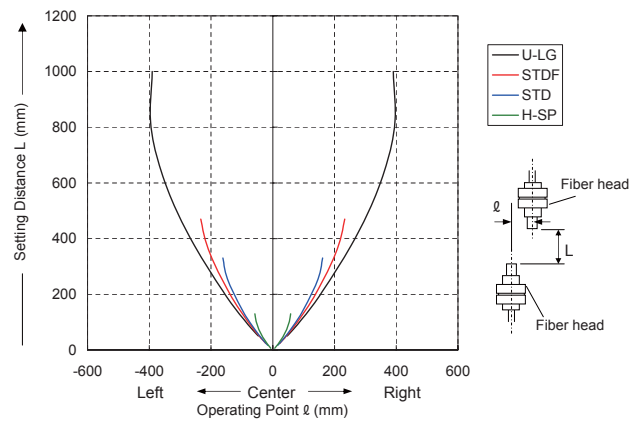
Common for horizontal and vertical direction



FT-R40

Thru-beam type

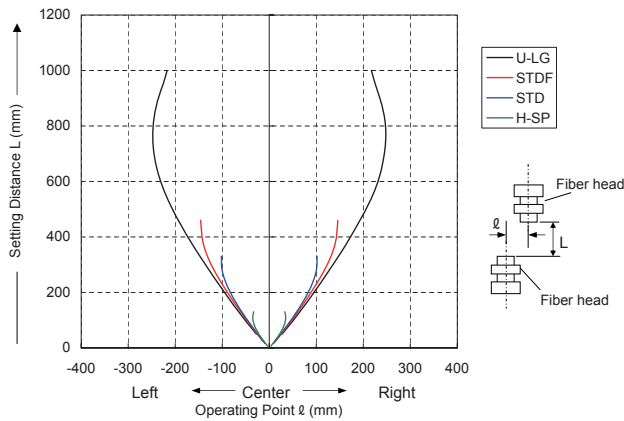
Common for horizontal and vertical direction



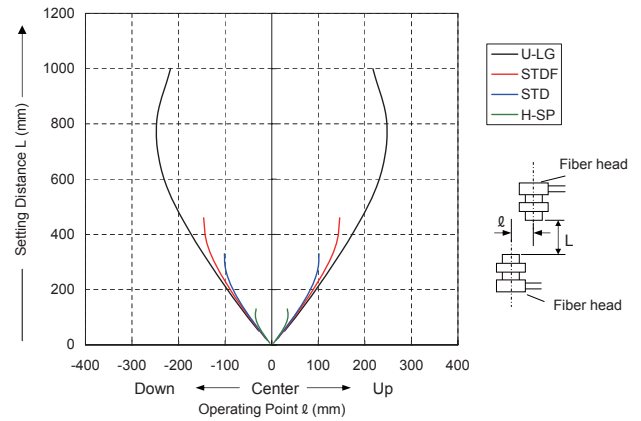
FT-R41W

Thru-beam type

Horizontal direction



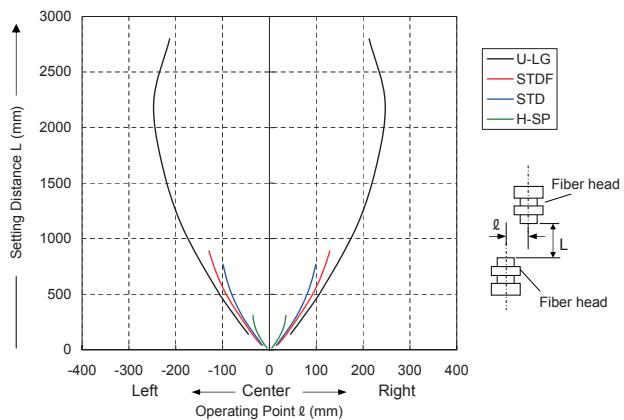
Vertical direction



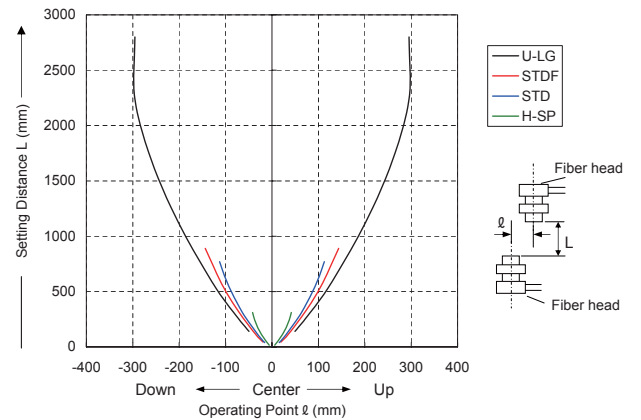
FT-R42W

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

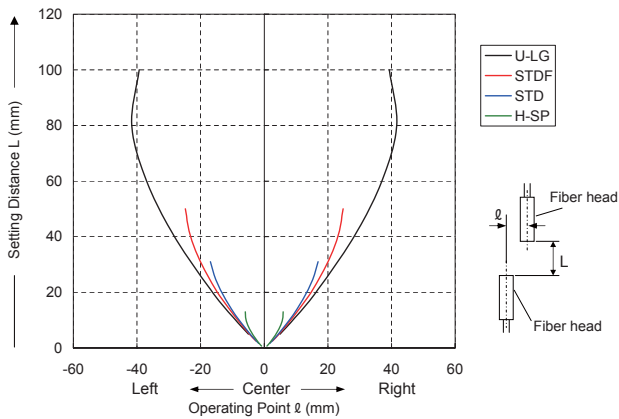
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Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-S11

Thru-beam type

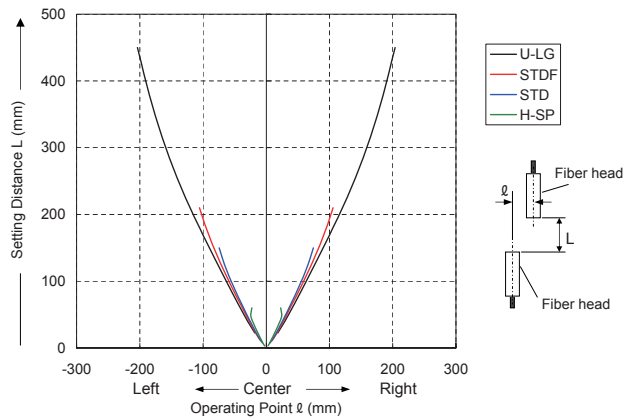
Common for horizontal and vertical direction



FT-S20

Thru-beam type

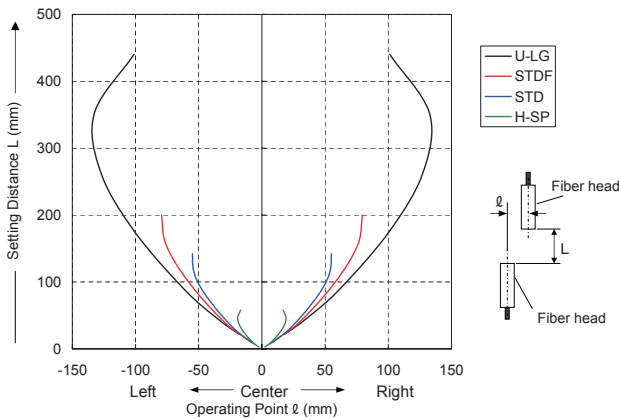
Common for horizontal and vertical direction



FT-S21

Thru-beam type

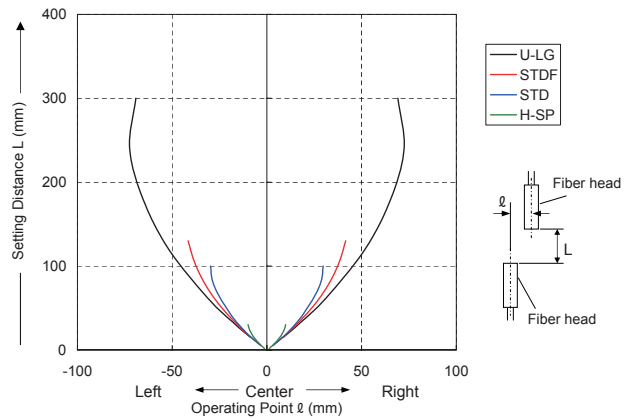
Common for horizontal and vertical direction



FT-S21W

Thru-beam type

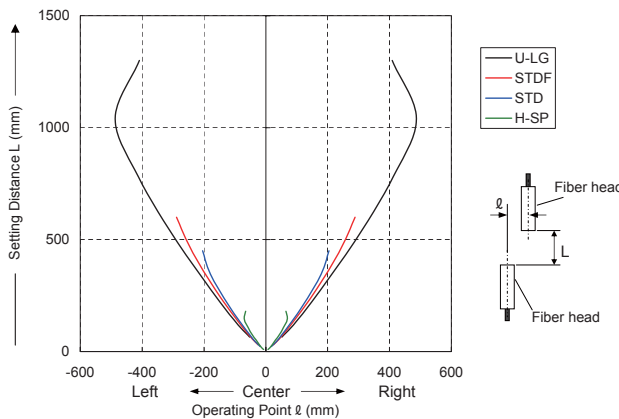
Common for horizontal and vertical direction



FT-S30

Thru-beam type

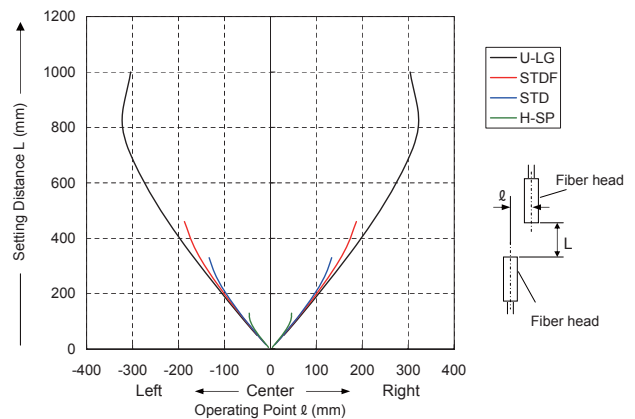
Common for horizontal and vertical direction



FT-S31W

Thru-beam type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

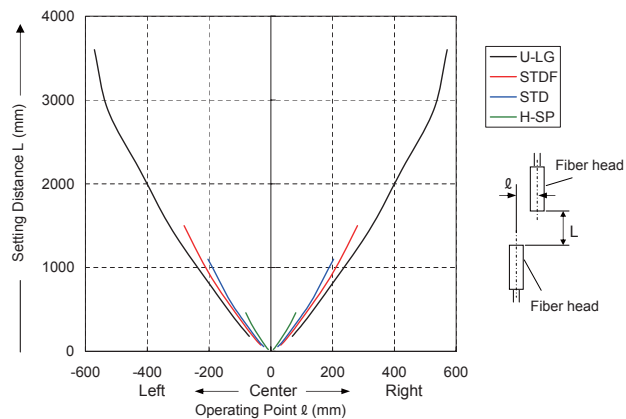
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FT-S32

Thru-beam type

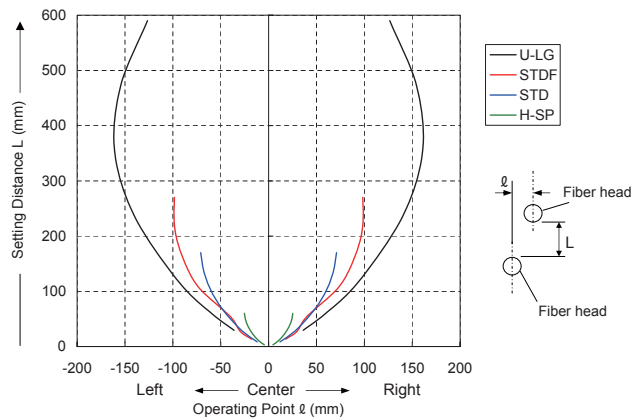
Common for horizontal and vertical direction



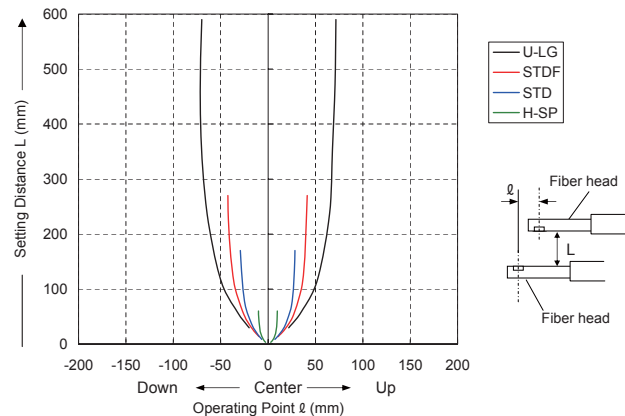
FT-V23

Thru-beam type

Horizontal direction



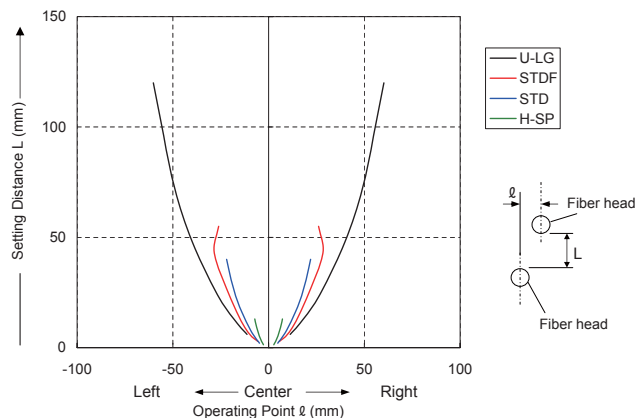
Vertical direction



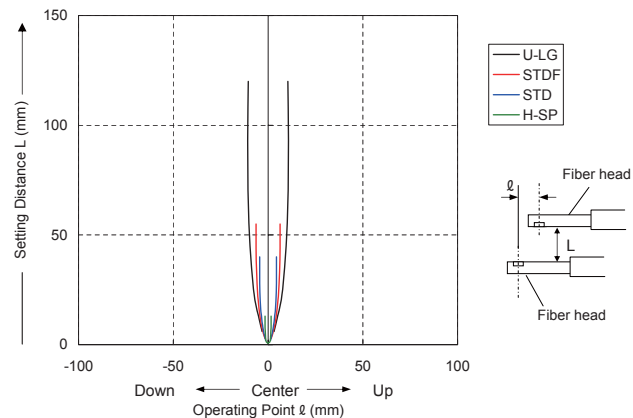
FT-V24W

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

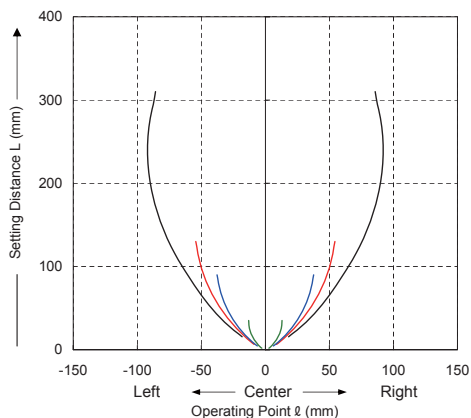
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Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

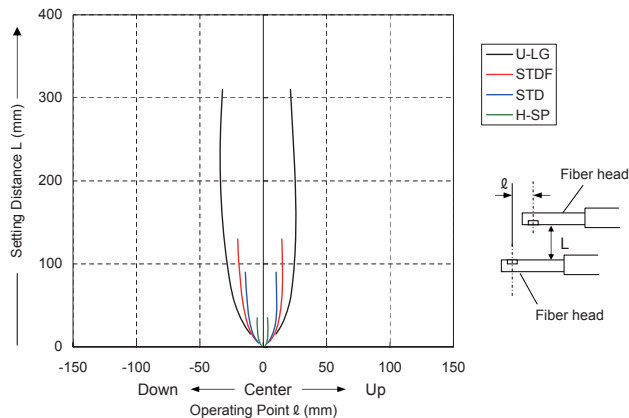
FT-V25

Thru-beam type

Horizontal direction



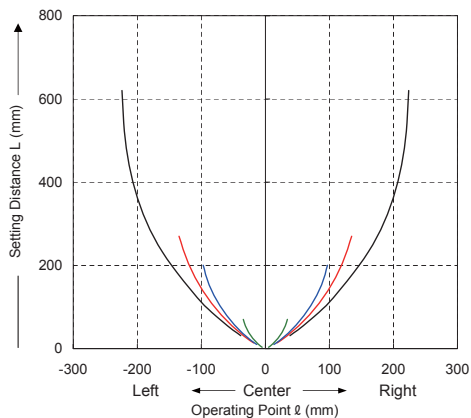
Vertical direction



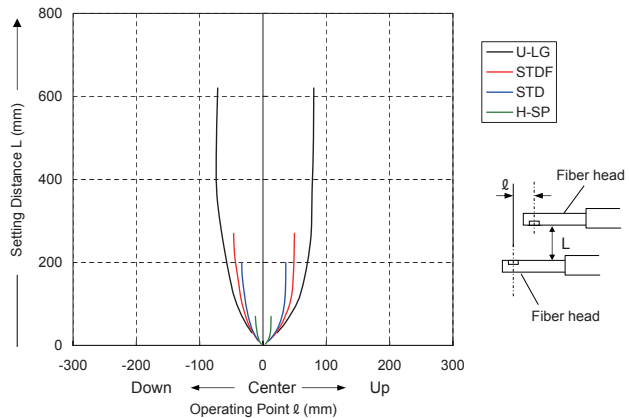
FT-V30

Thru-beam type

Horizontal direction



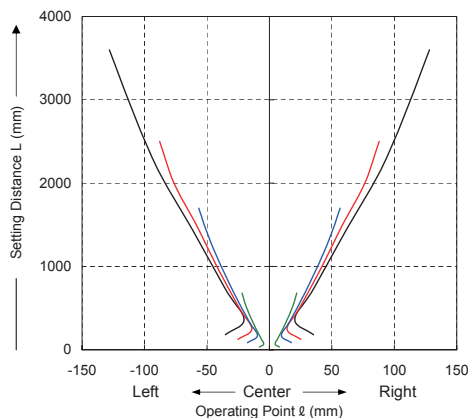
Vertical direction



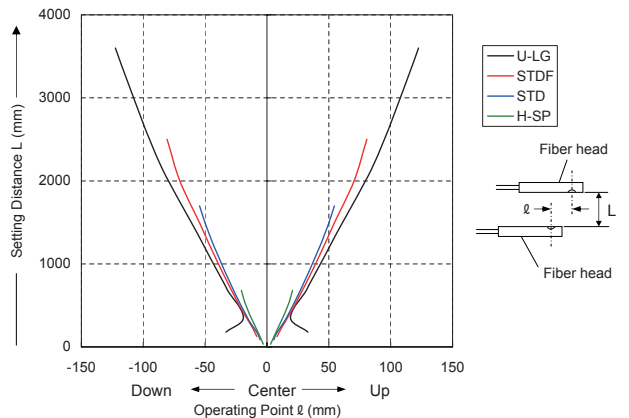
FT-V40

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

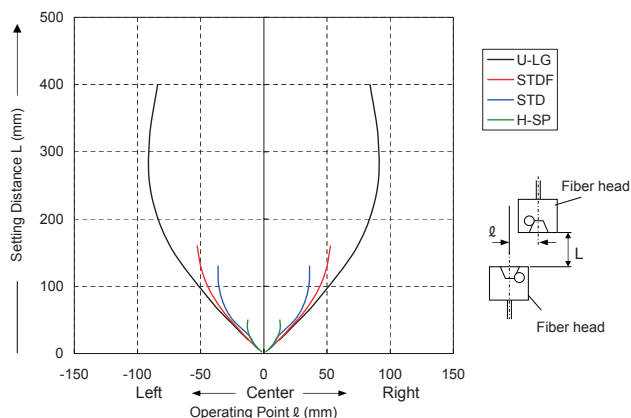
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FT-Z20HBW

Thru-beam type

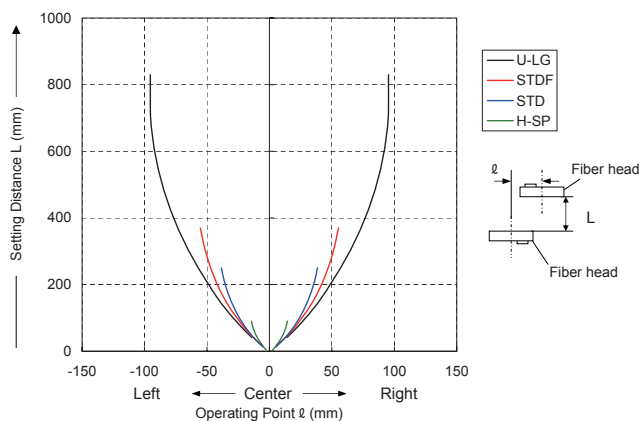
Common for horizontal and vertical direction



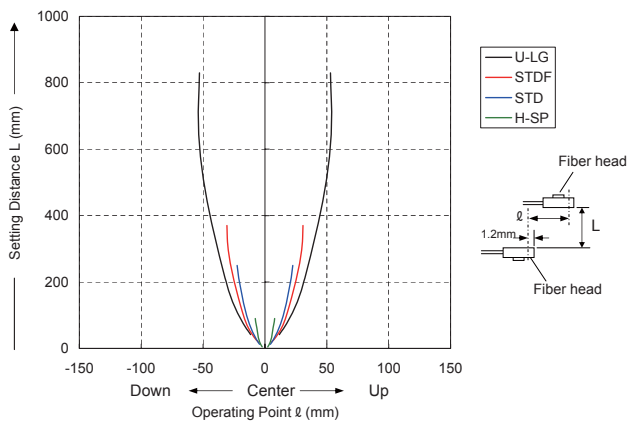
FT-Z20W

Thru-beam type

Horizontal direction



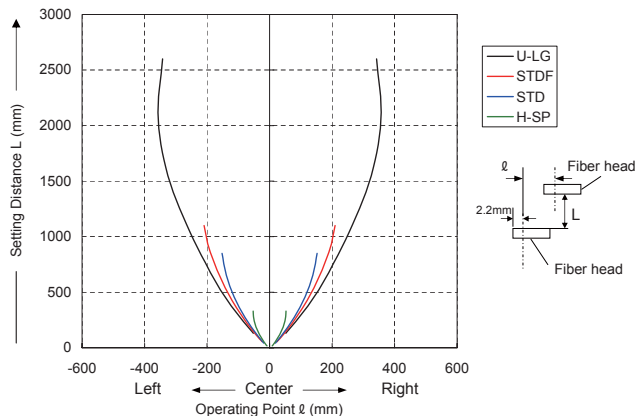
Vertical direction



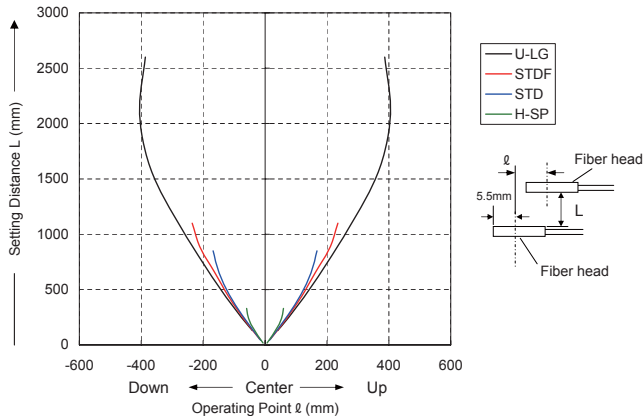
FT-Z30

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

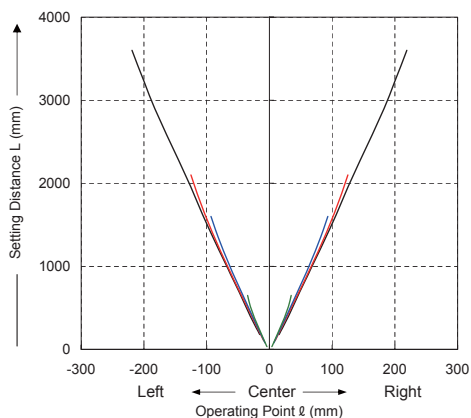
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Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

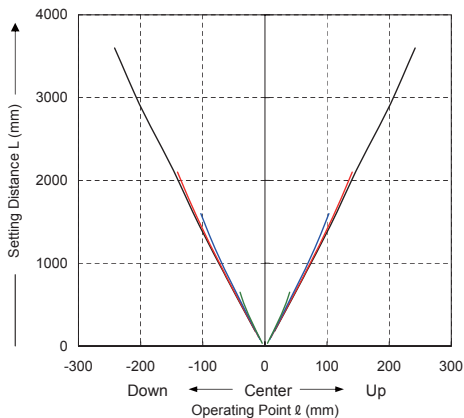
FT-Z30E

Thru-beam type

Horizontal direction



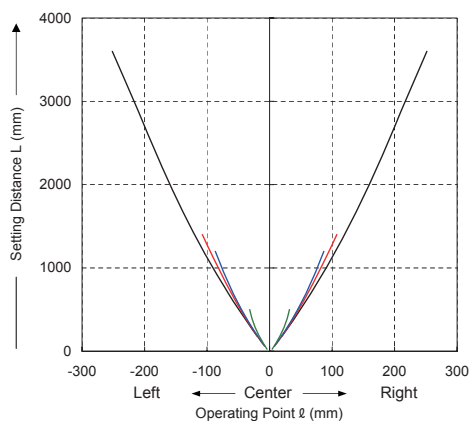
Vertical direction



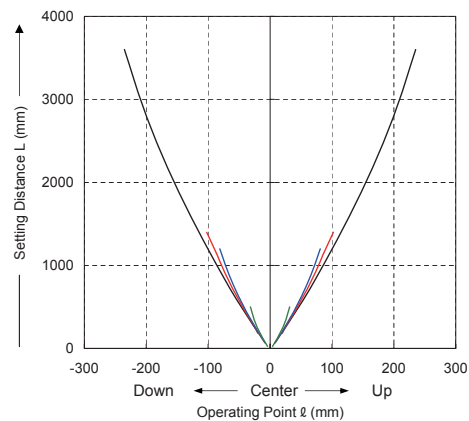
FT-Z30EW

Thru-beam type

Horizontal direction



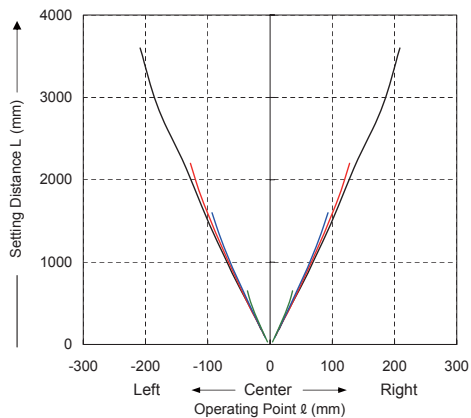
Vertical direction



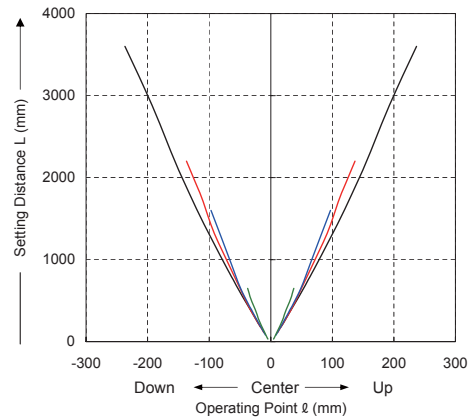
FT-Z30H

Thru-beam type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

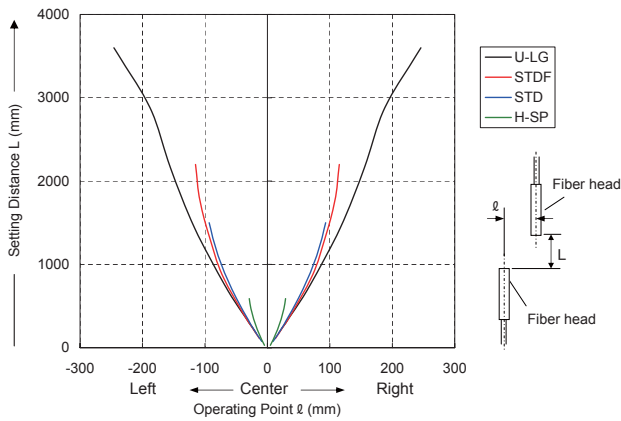
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

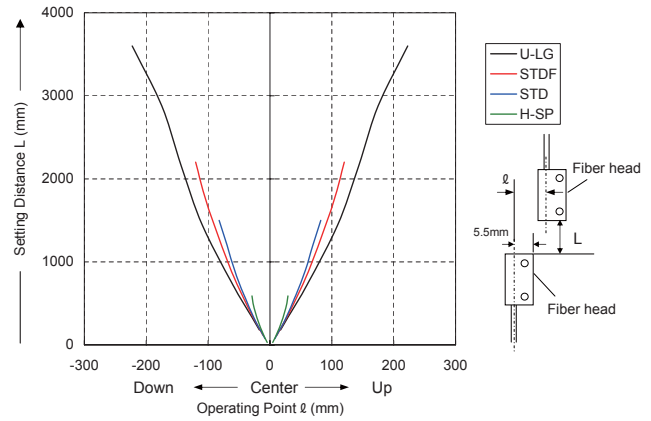
FT-Z30HW

Thru-beam type

Horizontal direction



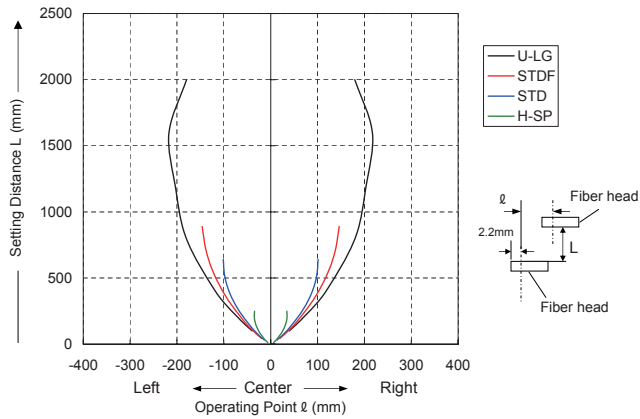
Vertical direction



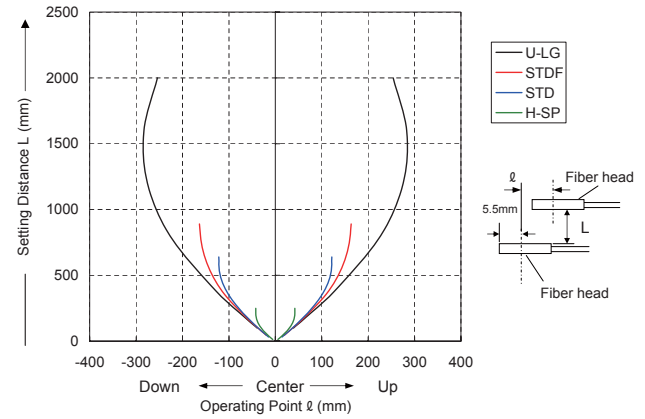
FT-Z30W

Thru-beam type

Horizontal direction



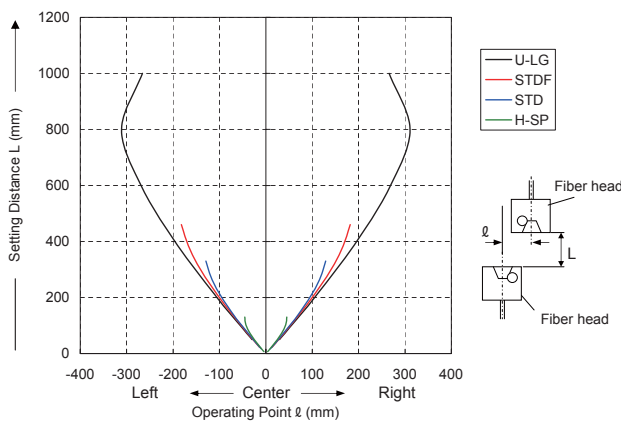
Vertical direction



FT-Z40HBW

Thru-beam type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

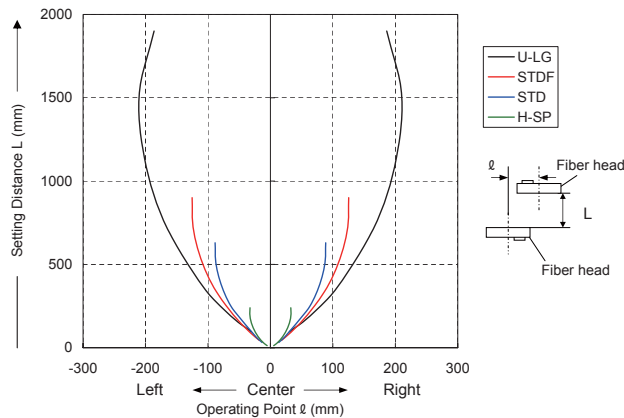
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Thru-beam type Parallel deviation Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

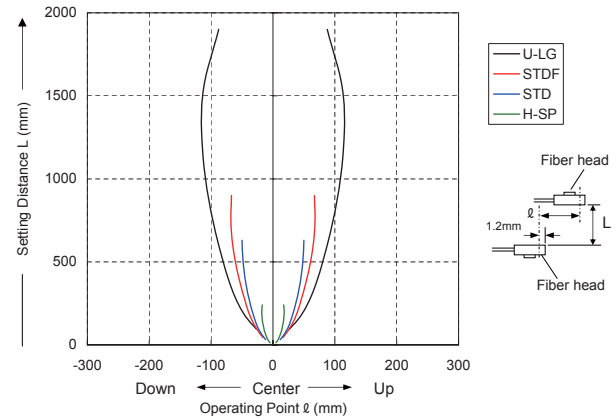
FT-Z40W

Thru-beam type

Horizontal direction



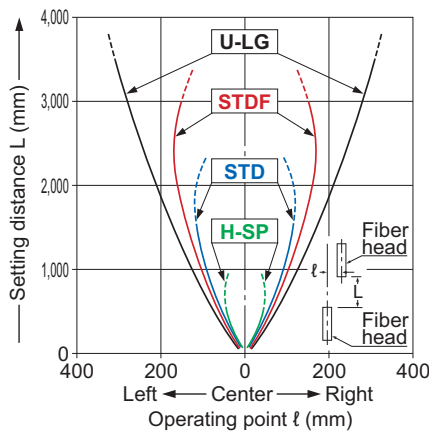
Vertical direction



FT-Z802Y

Thru-beam type

Common for horizontal and vertical direction



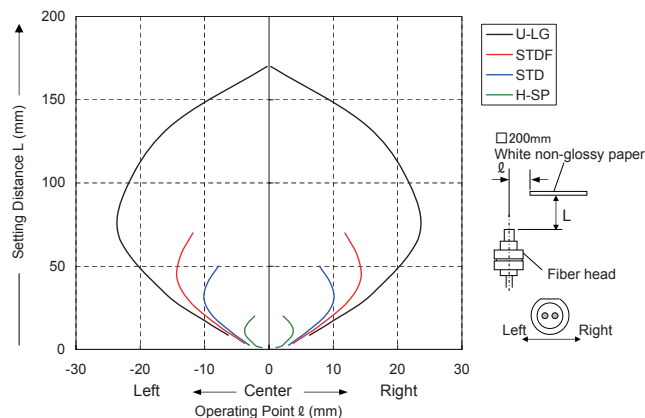
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

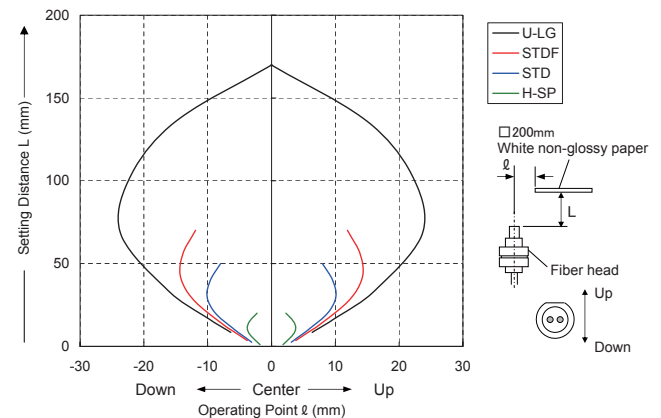
FD-30

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

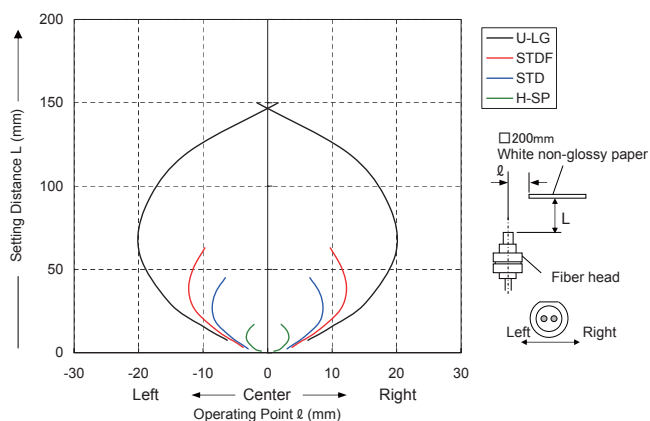
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

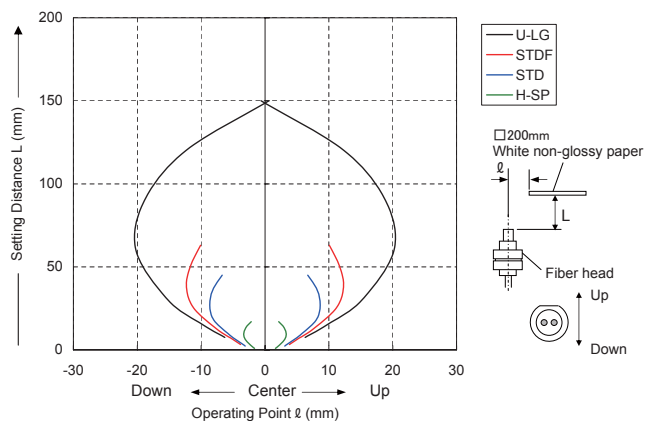
FD-31

Reflective type

Horizontal direction



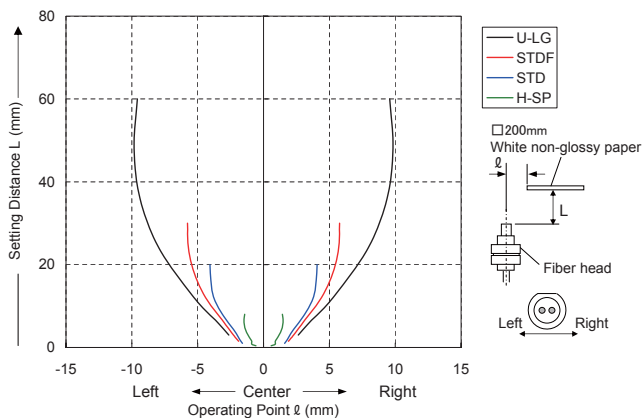
Vertical direction



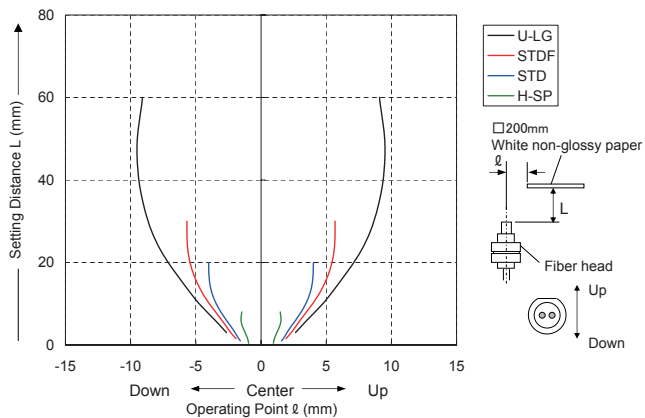
FD-31W

Reflective type

Horizontal direction



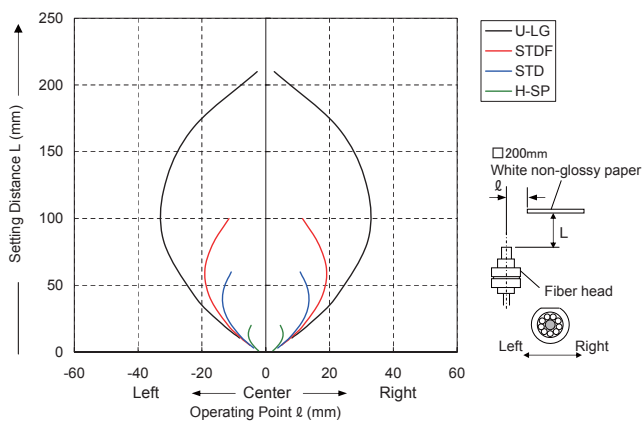
Vertical direction



FD-32G

Reflective type

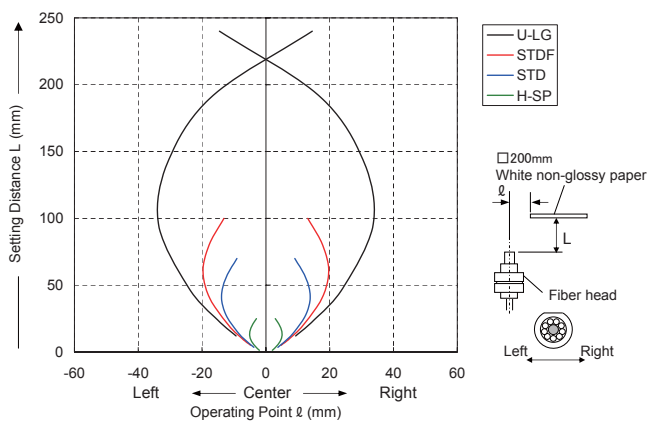
Common for horizontal and vertical direction



FD-32GX

Reflective type

Common for horizontal and vertical direction



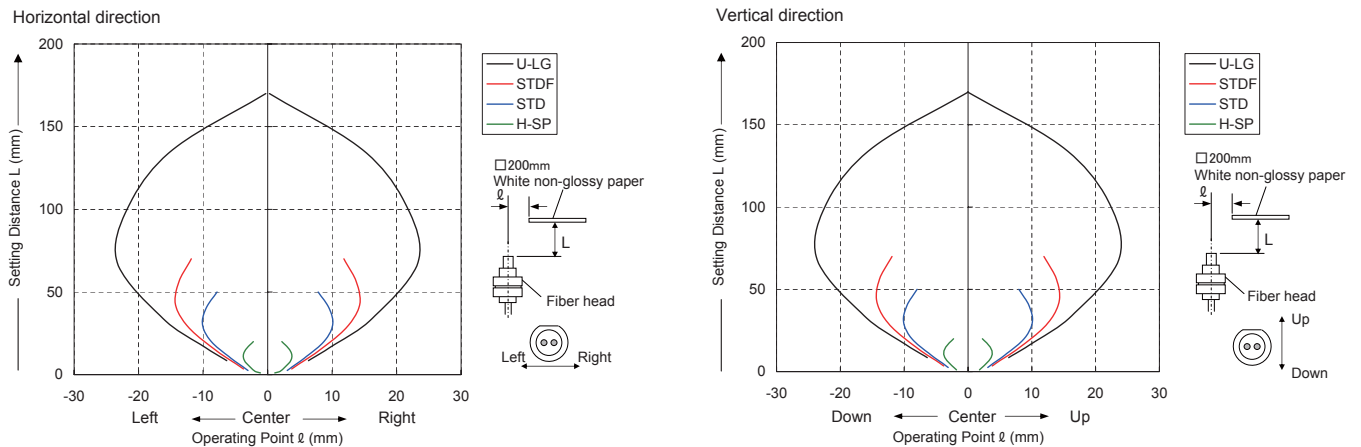
SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

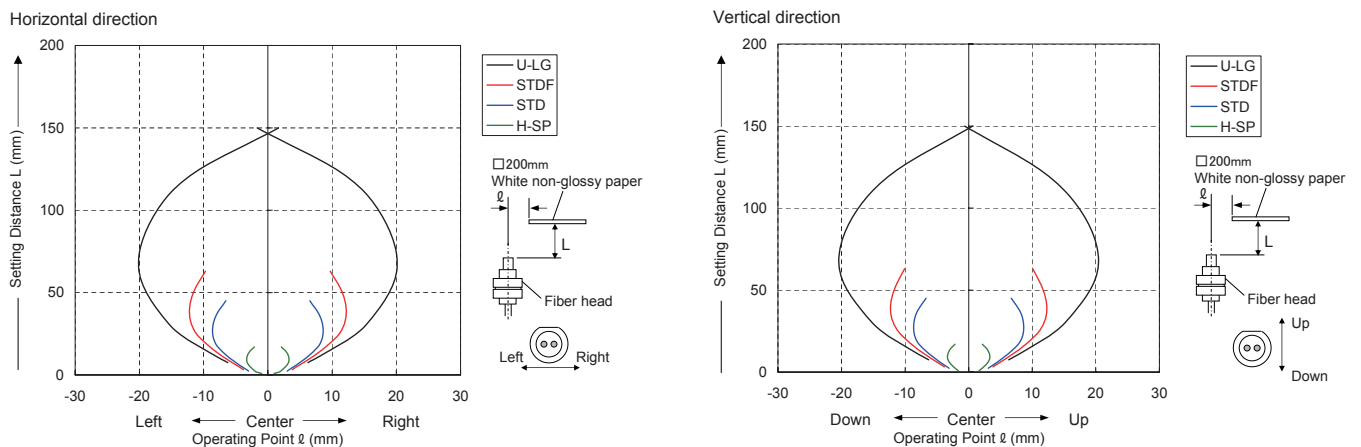
FD-40

Reflective type



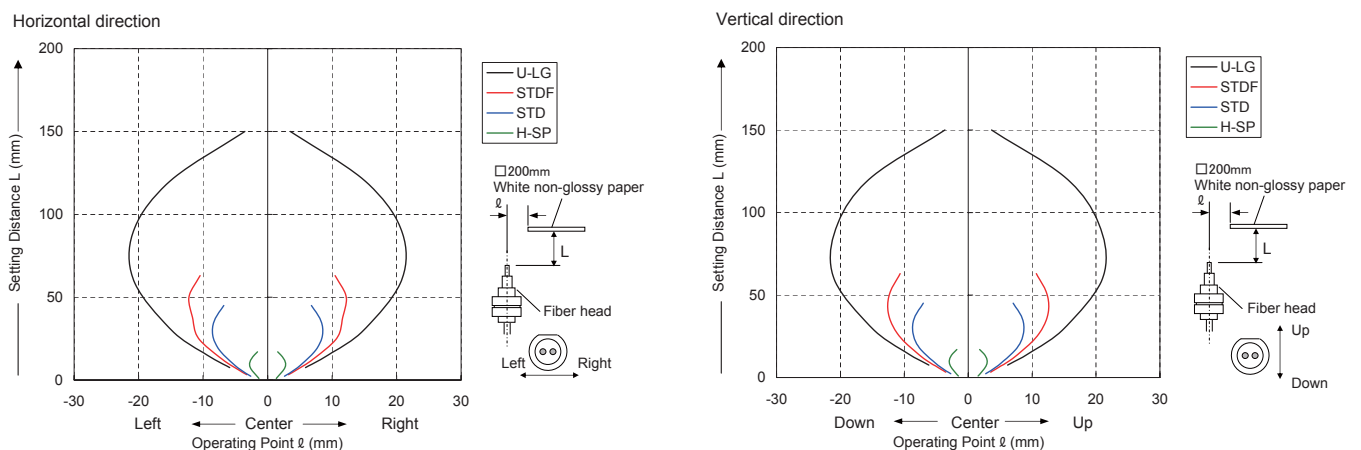
FD-41

Reflective type



FD-41S

Reflective type



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

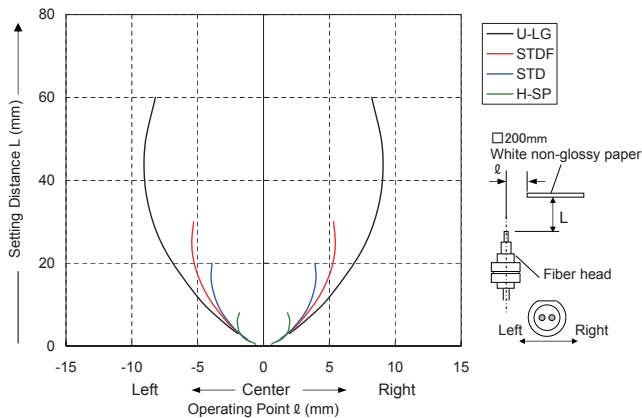
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

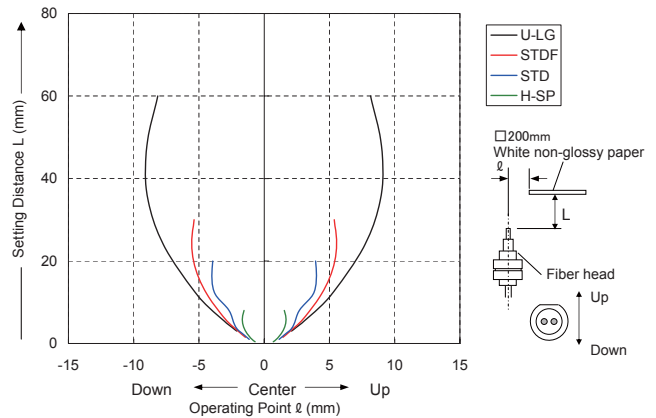
FD-41SW

Reflective type

Horizontal direction



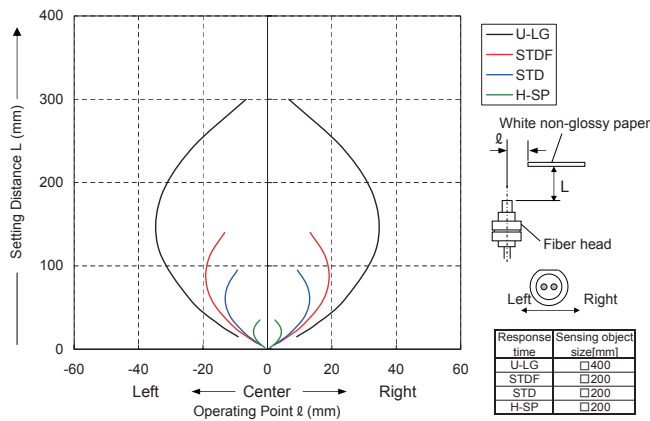
Vertical direction



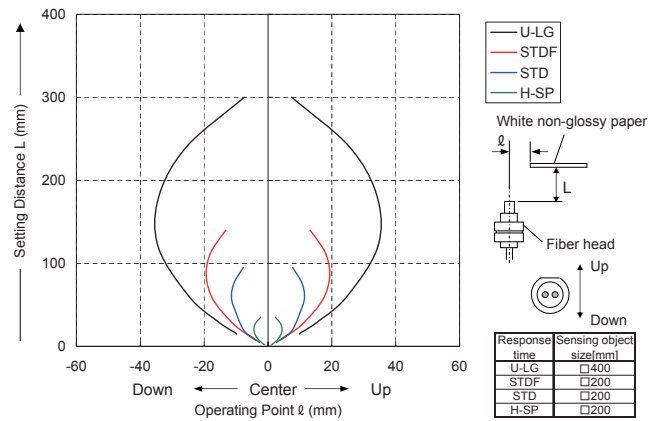
FD-41W

Reflective type

Horizontal direction



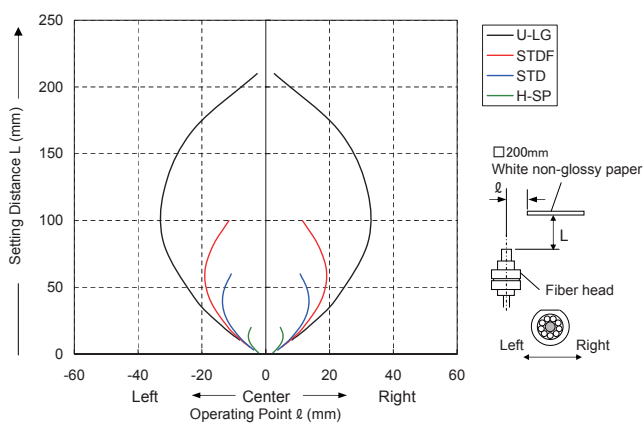
Vertical direction



FD-42G

Reflective type

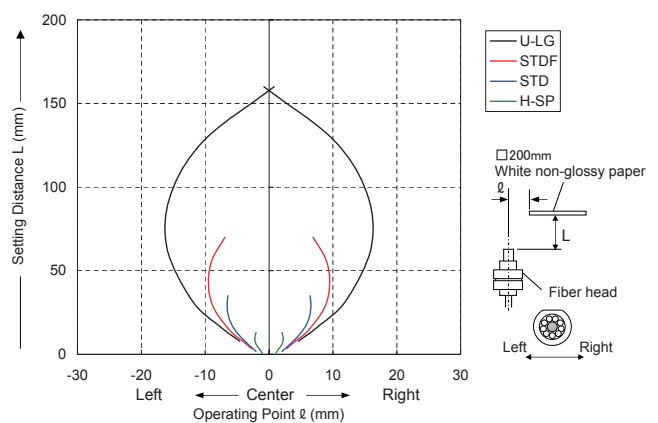
Common for horizontal and vertical direction



FD-42GW

Reflective type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

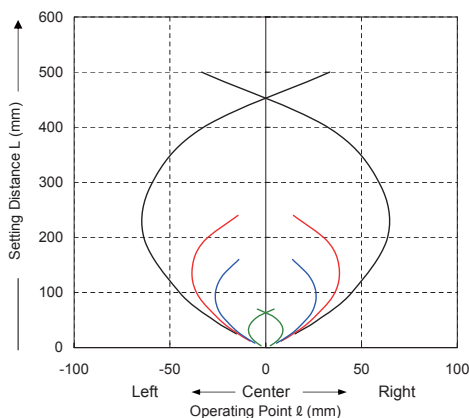
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

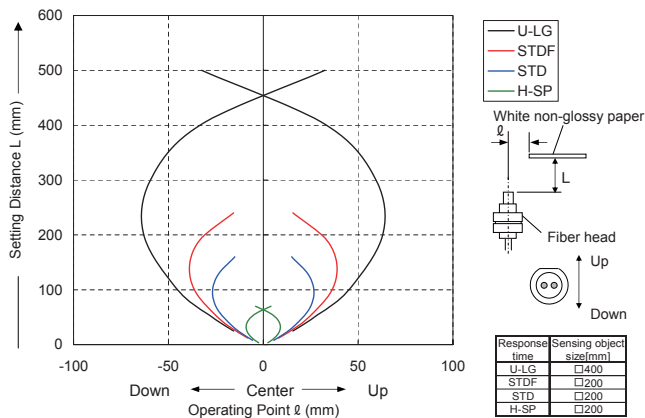
FD-60

Reflective type

Horizontal direction



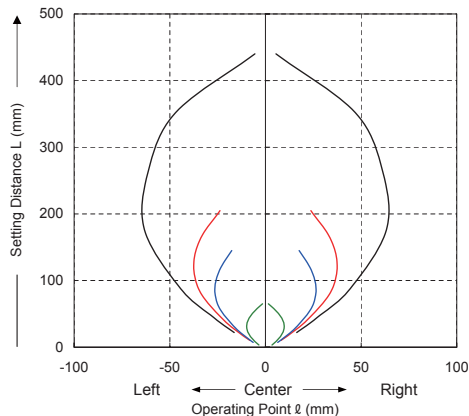
Vertical direction



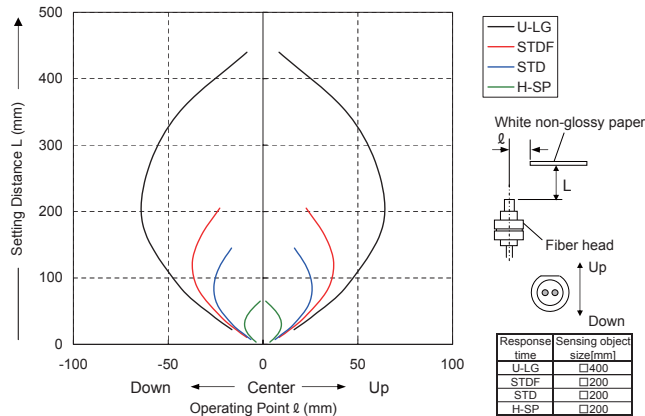
FD-61

Reflective type

Horizontal direction



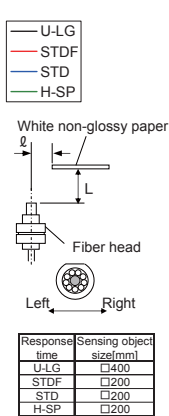
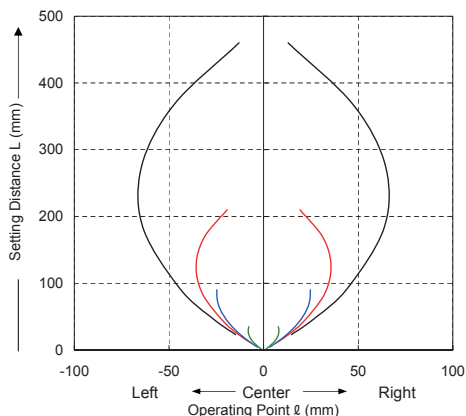
Vertical direction



FD-61G

Reflective type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

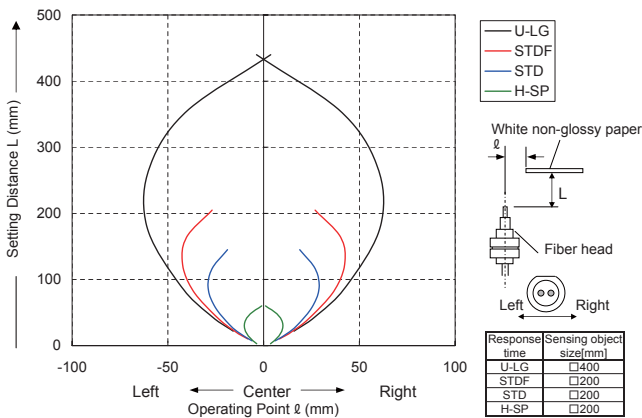
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

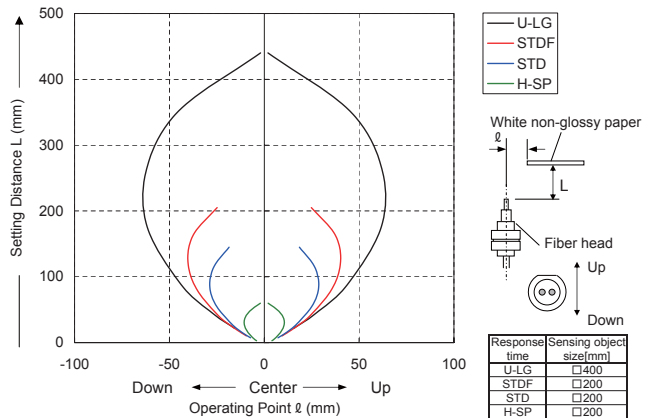
FD-61S

Reflective type

Horizontal direction



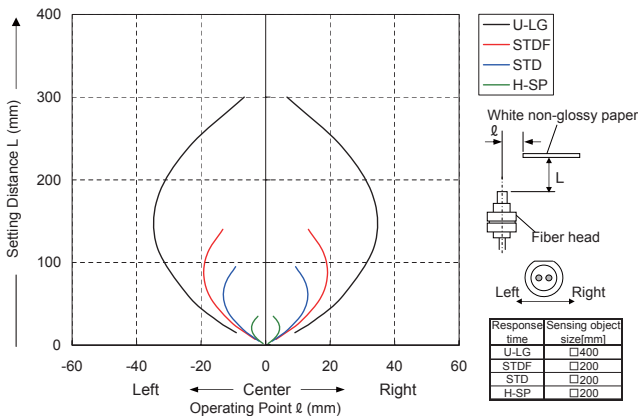
Vertical direction



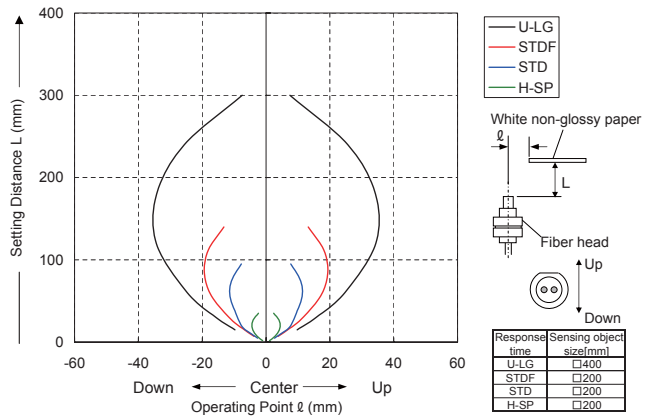
FD-61W

Reflective type

Horizontal direction



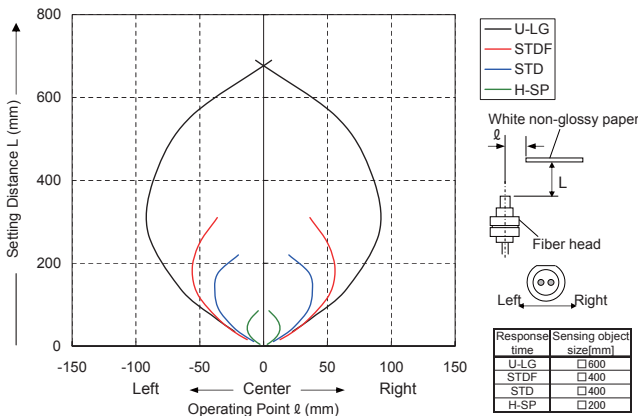
Vertical direction



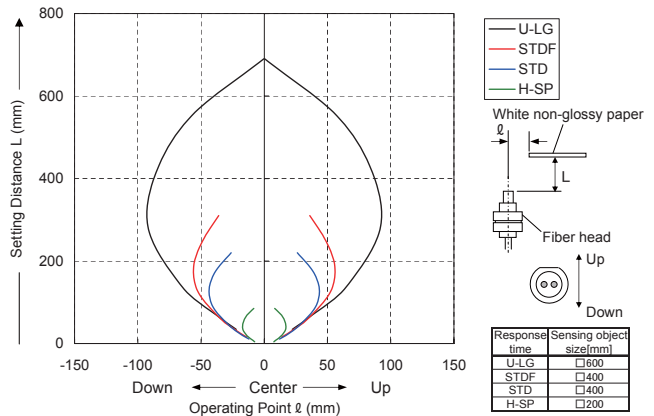
FD-62

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

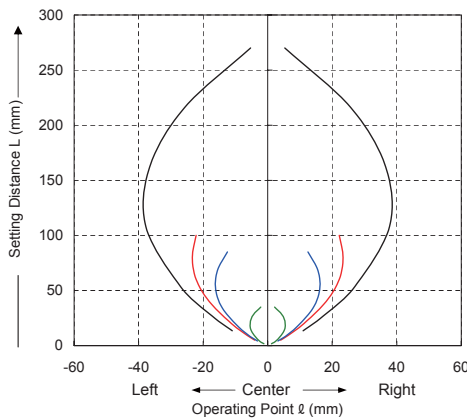
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

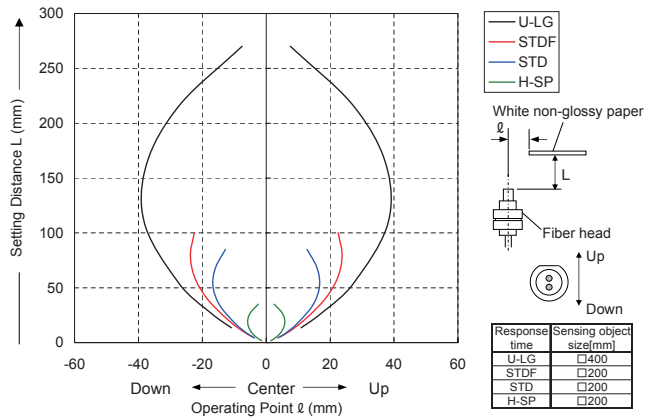
FD-64X

Reflective type

Horizontal direction



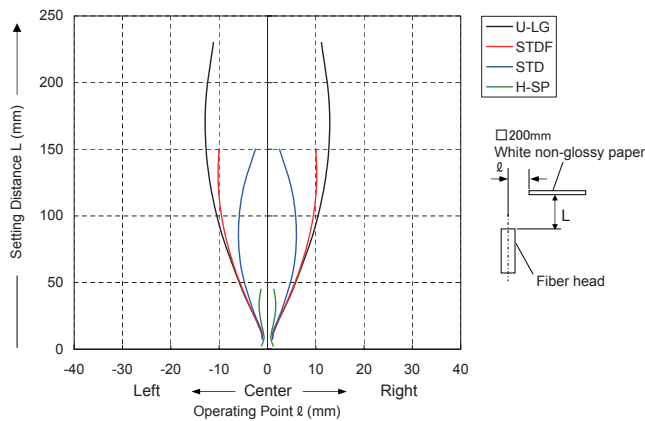
Vertical direction



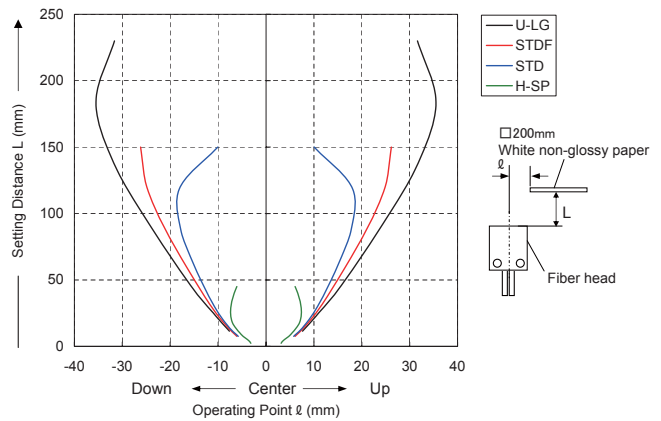
FD-A16

Reflective type

Horizontal direction



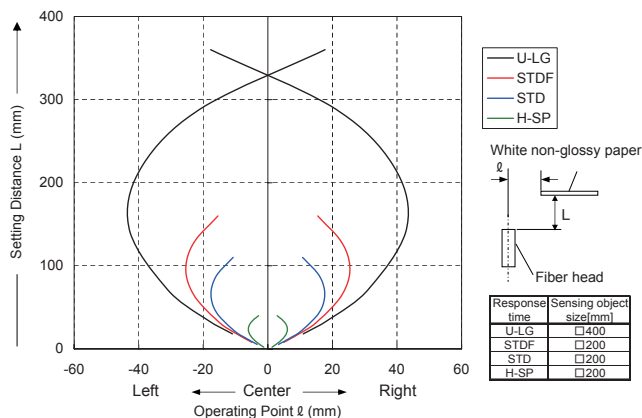
Vertical direction



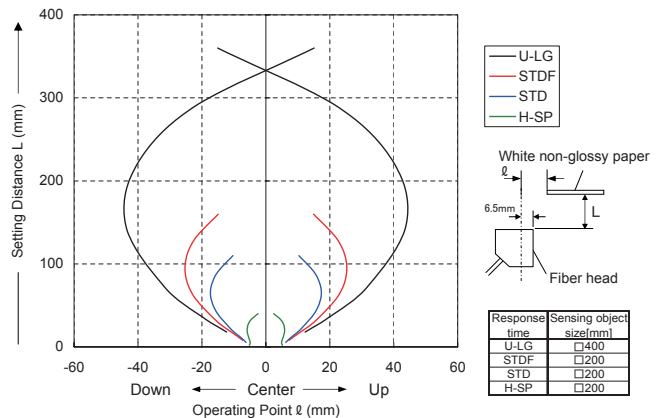
FD-AL11

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

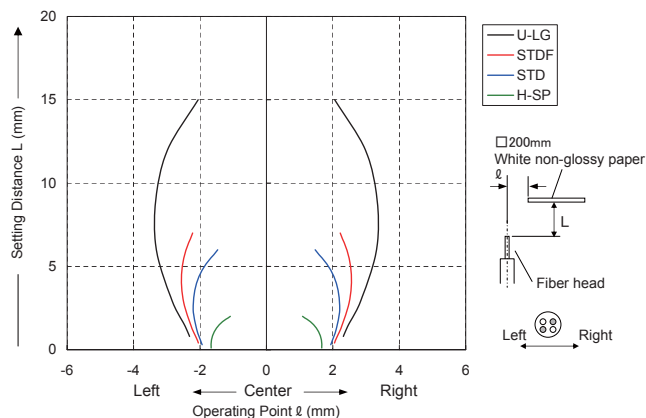
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

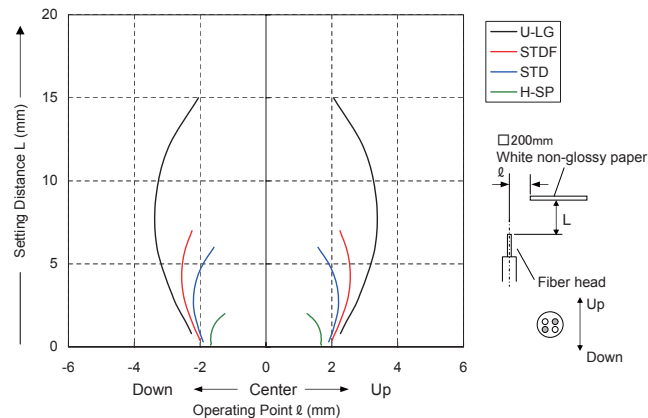
FD-E13

Reflective type

Horizontal direction



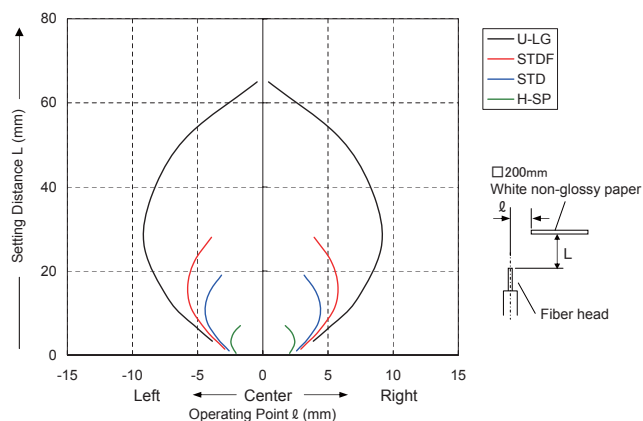
Vertical direction



FD-E23

Reflective type

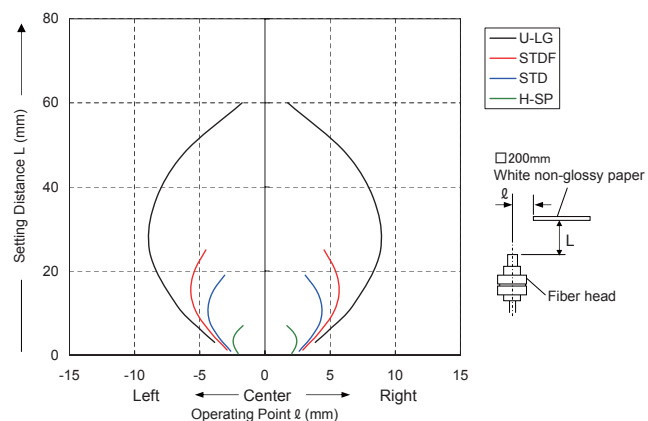
Common for horizontal and vertical direction



FD-EG30

Reflective type

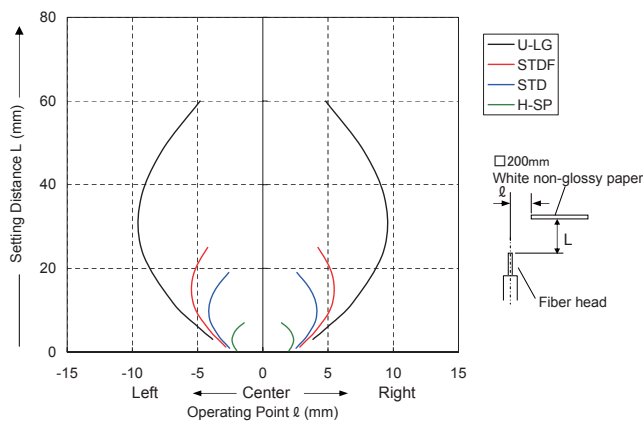
Common for horizontal and vertical direction



FD-EG30S

Reflective type

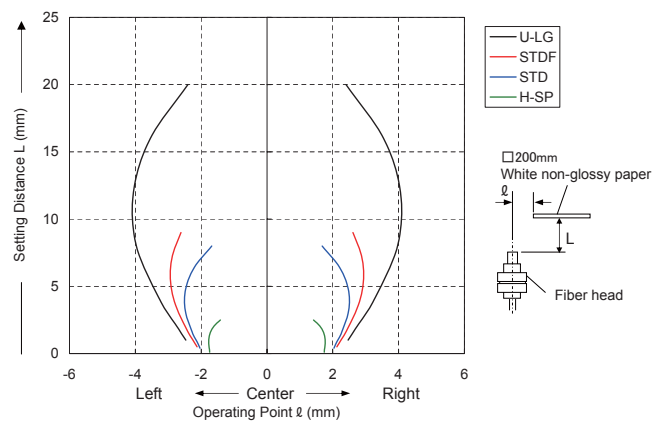
Common for horizontal and vertical direction



FD-EG31

Reflective type

Common for horizontal and vertical direction



SENSING CHARACTERISTICS (TYPICAL)

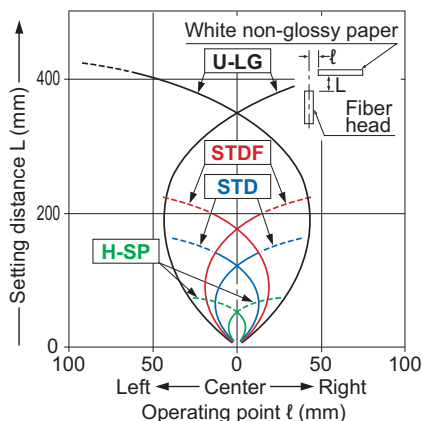
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

FD-H13-FM2

Reflective type

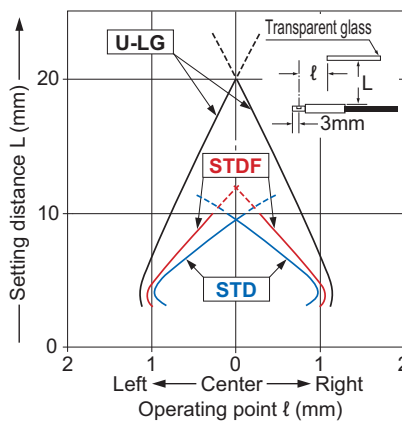
Common for horizontal and vertical direction



FD-H18-L31

Reflective type

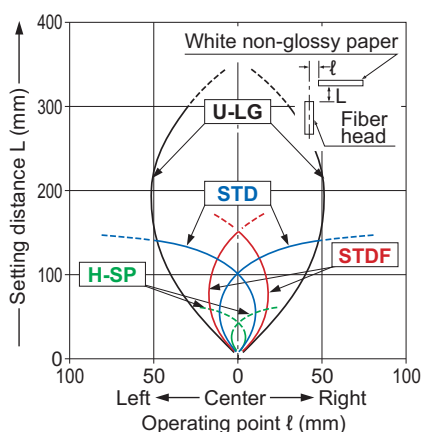
Common for horizontal and vertical direction



FD-H20-21

Reflective type

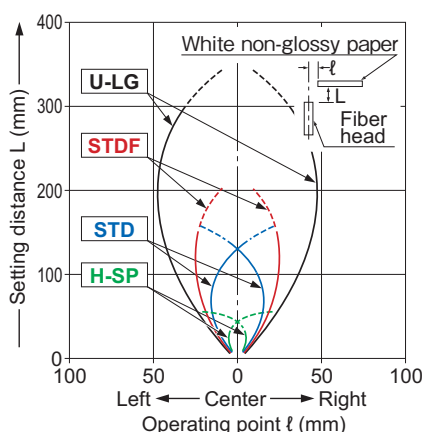
Common for horizontal and vertical direction



FD-H20-M1

Reflective type

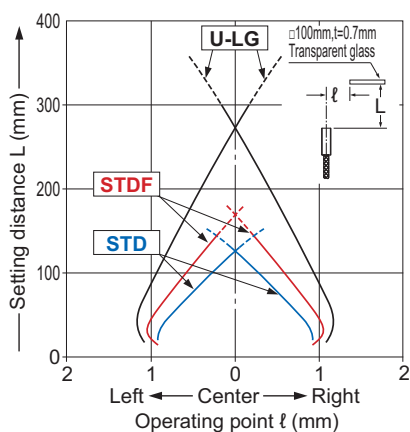
Common for horizontal and vertical direction



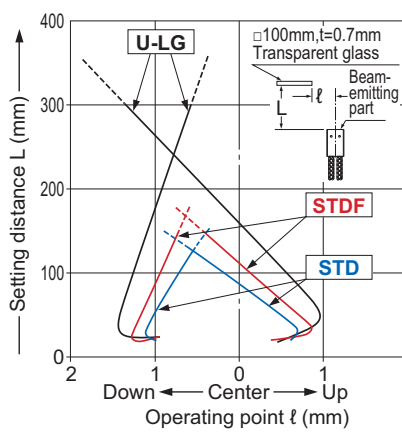
FD-H30-KZ1V-S

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

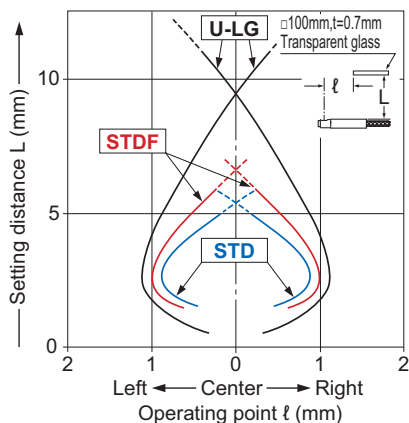
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

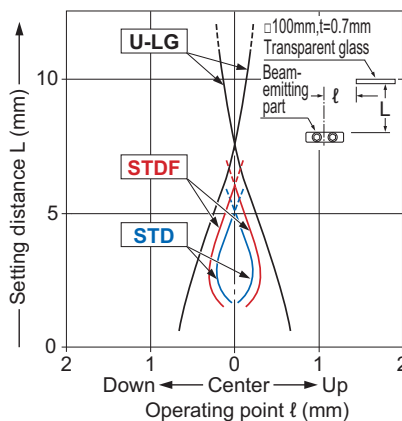
FD-H30-L32V-S

Reflective type

Horizontal direction



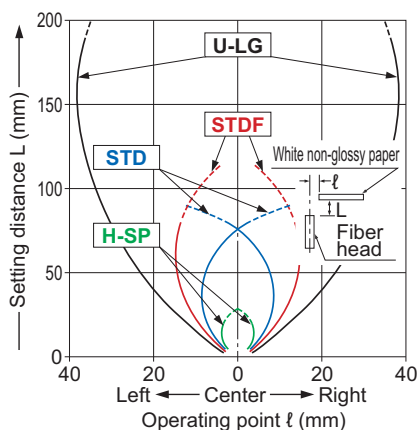
Vertical direction



FD-H35-20S

Reflective type

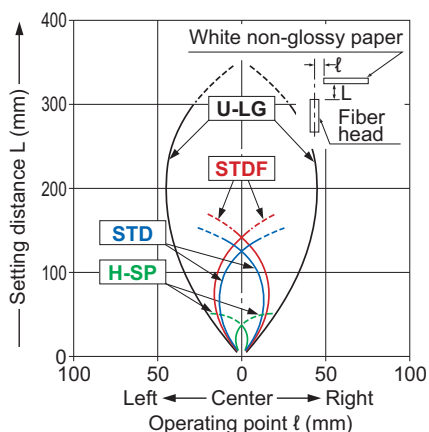
Common for horizontal and vertical direction



FD-H35-M2 FD-H35-M2S6

Reflective type

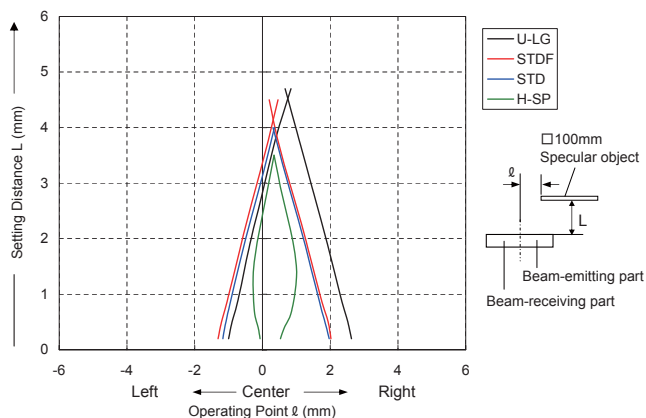
Common for horizontal and vertical direction



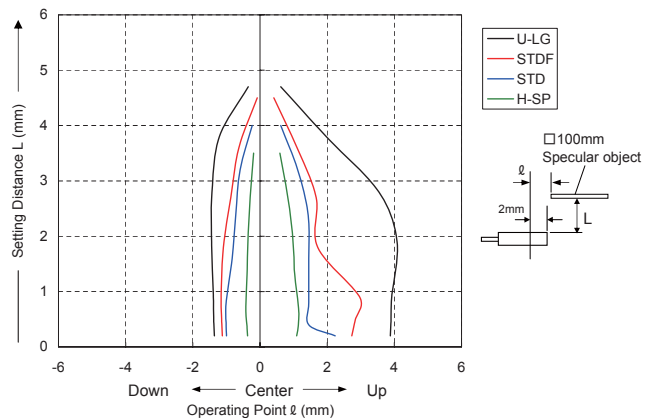
FD-L10

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

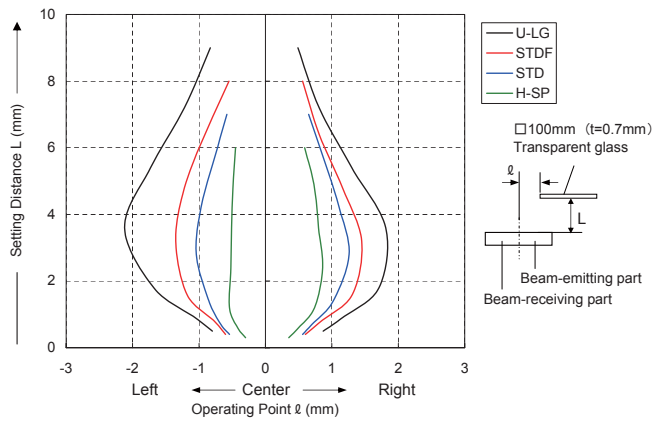
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

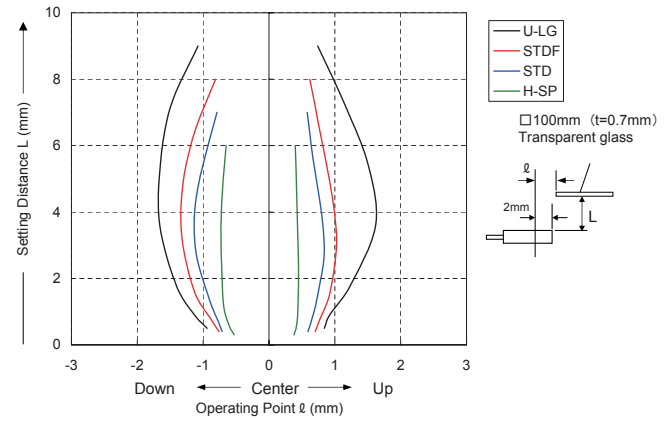
FD-L11

Reflective type

Horizontal direction



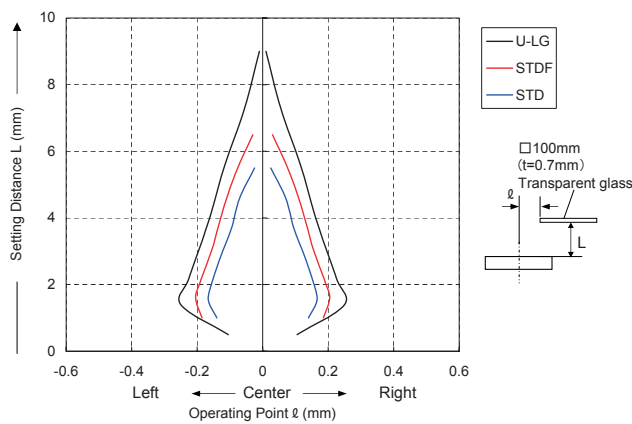
Vertical direction



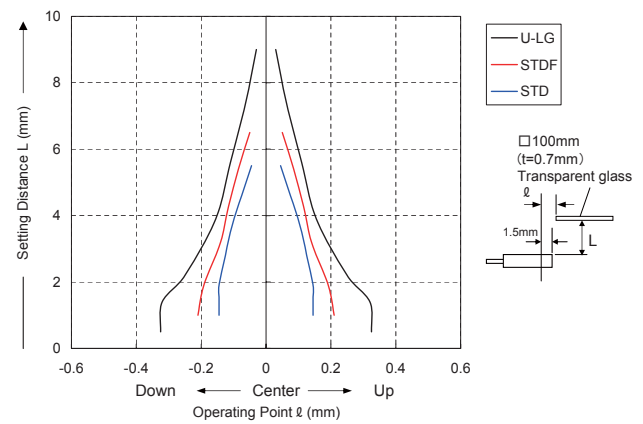
FD-L12W

Reflective type

Horizontal direction



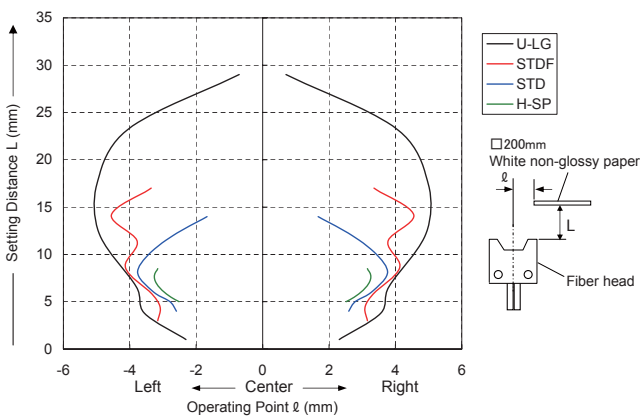
Vertical direction



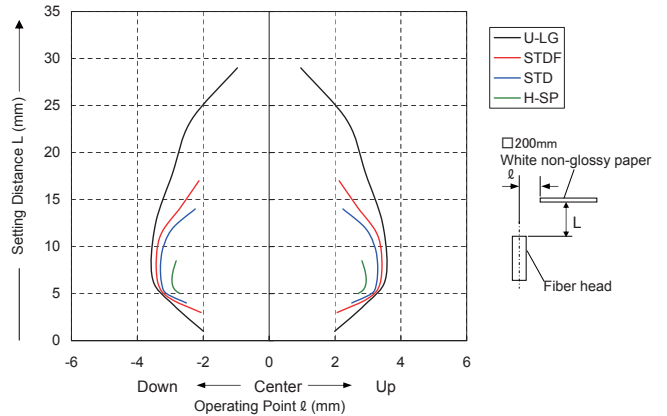
FD-L20H

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

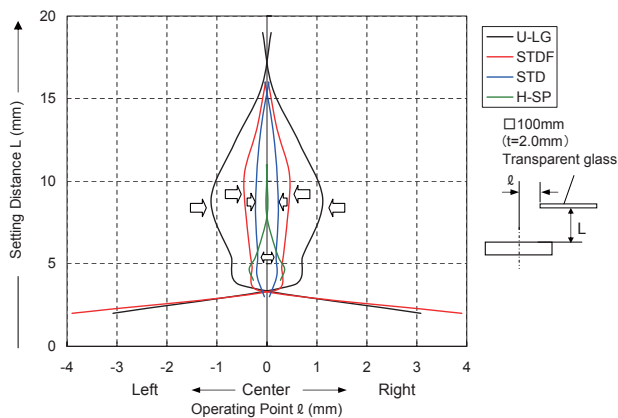
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

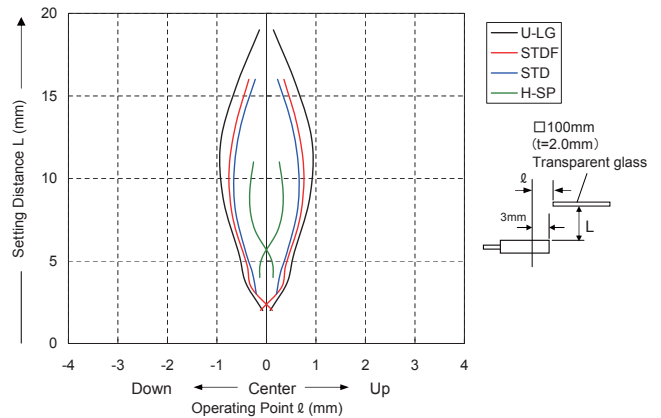
FD-L21

Reflective type

Horizontal direction



Vertical direction

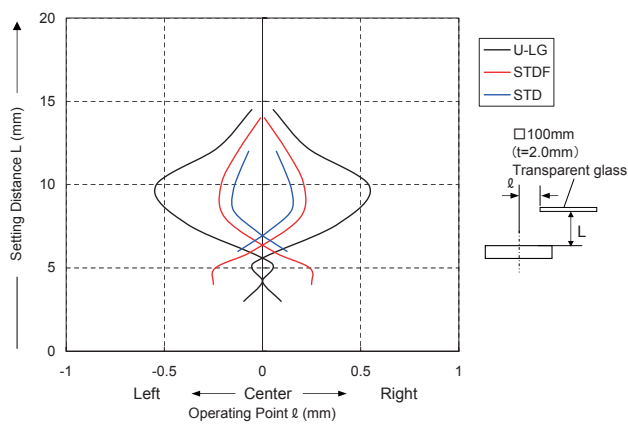


↔: Moving direction of sensing object

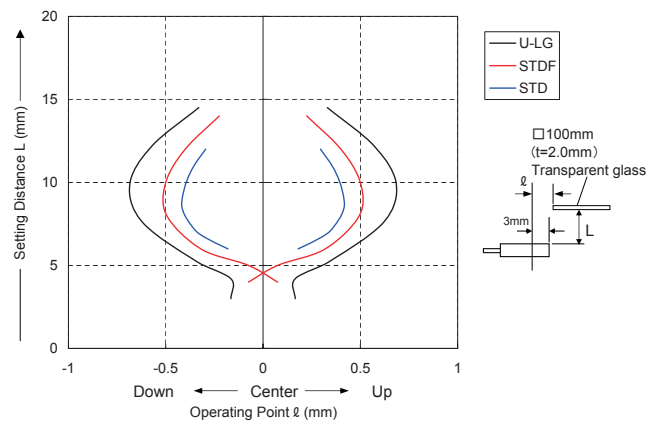
FD-L21W

Reflective type

Horizontal direction



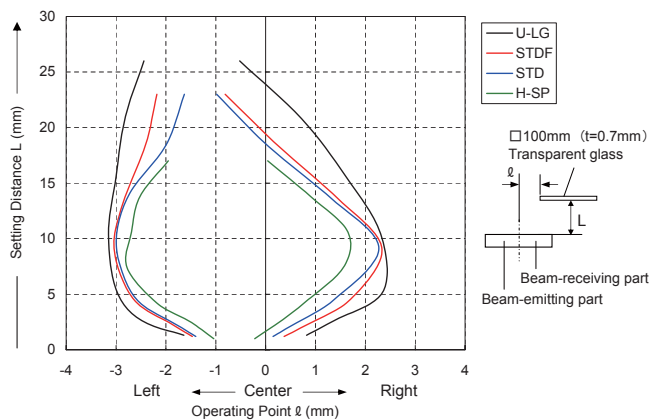
Vertical direction



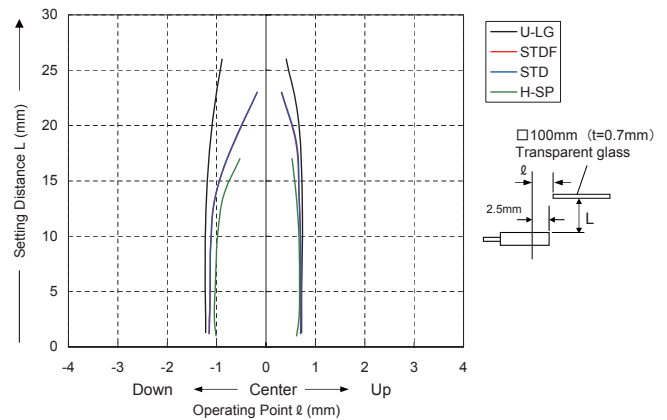
FD-L22A

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

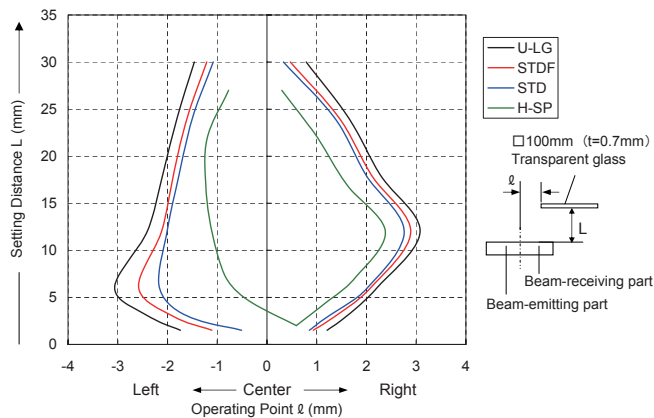
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

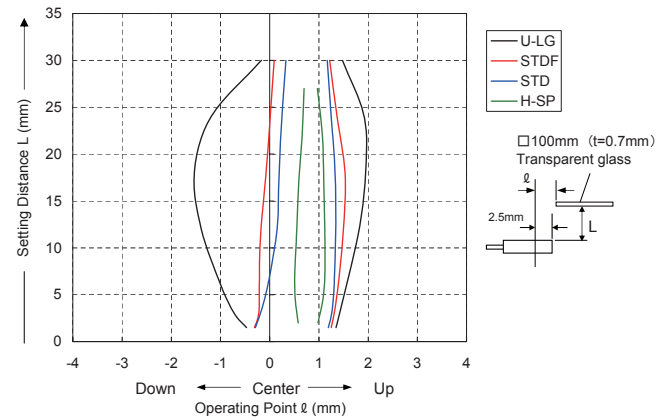
FD-L23

Reflective type

Horizontal direction



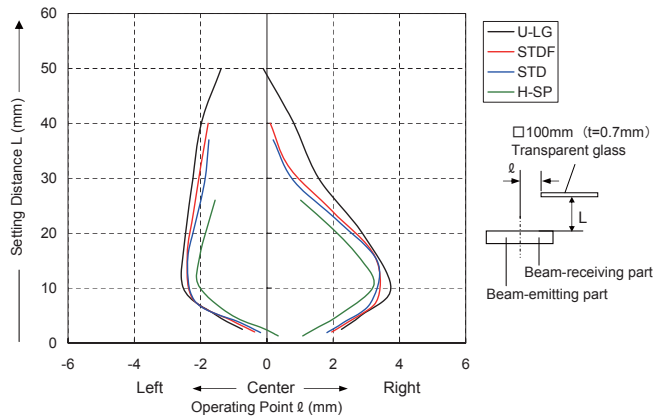
Vertical direction



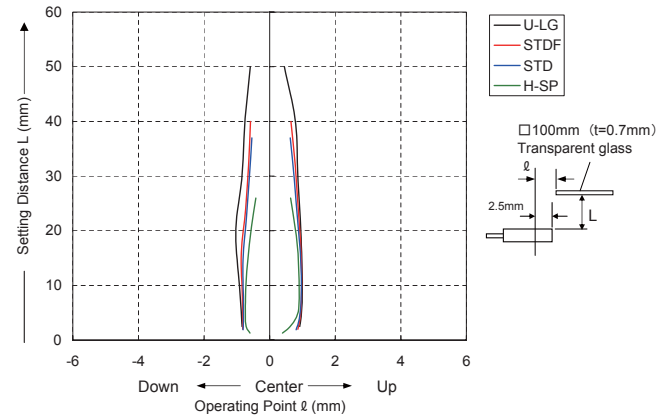
FD-L30A

Reflective type

Horizontal direction



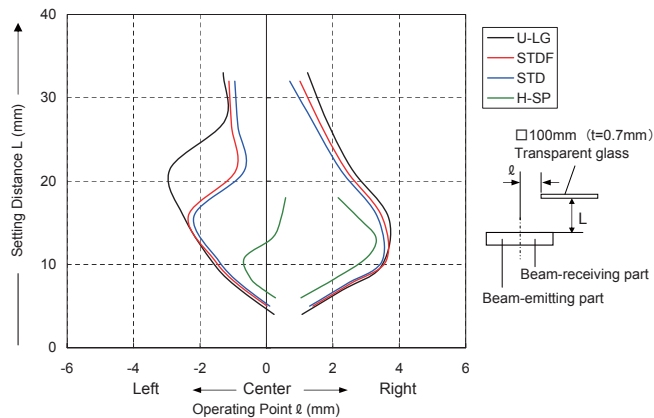
Vertical direction



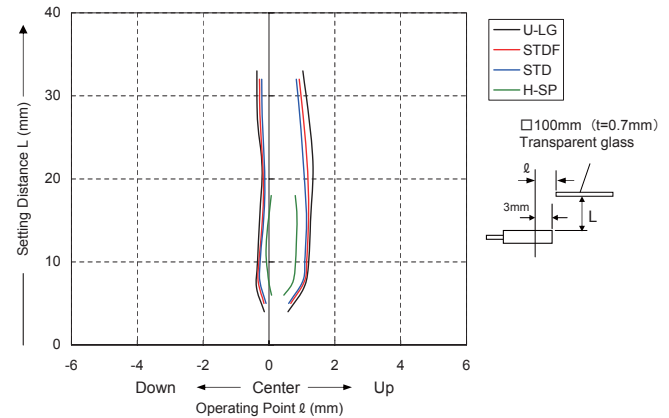
FD-L31A

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

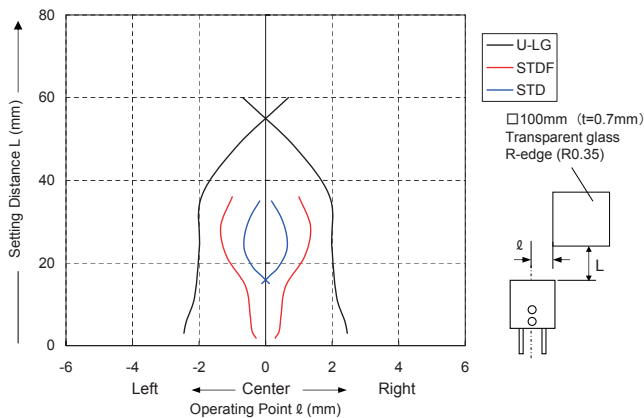
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

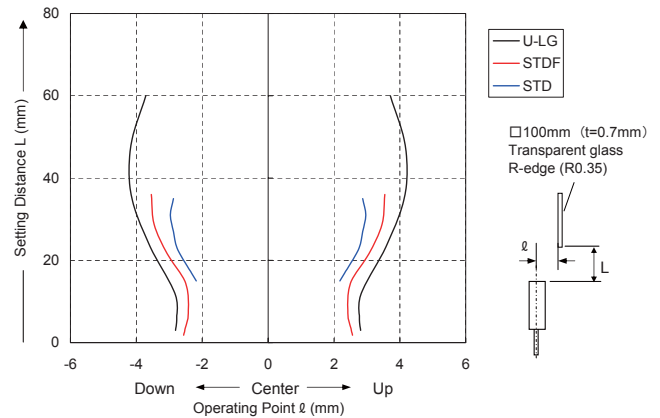
FD-L32H

Reflective type

Horizontal direction



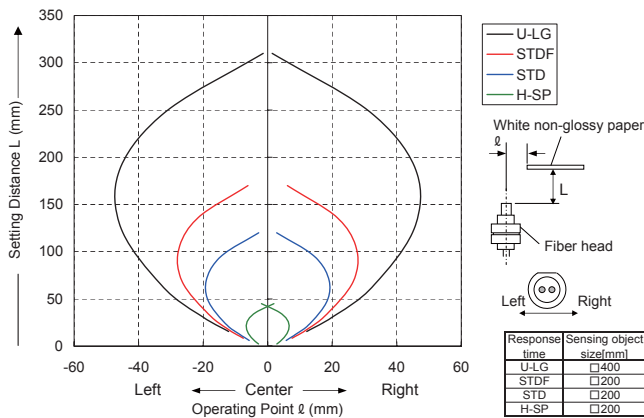
Vertical direction



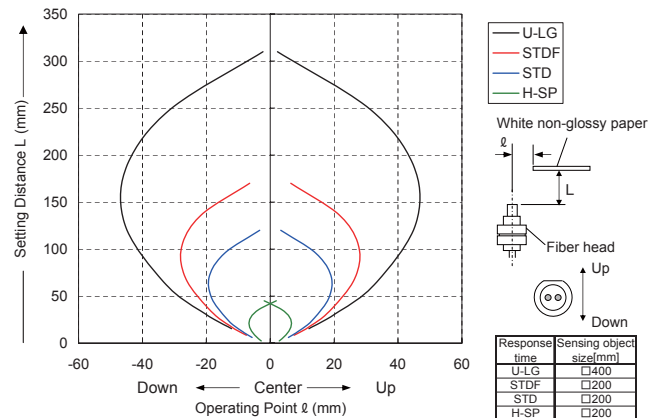
FD-R60

Reflective type

Horizontal direction



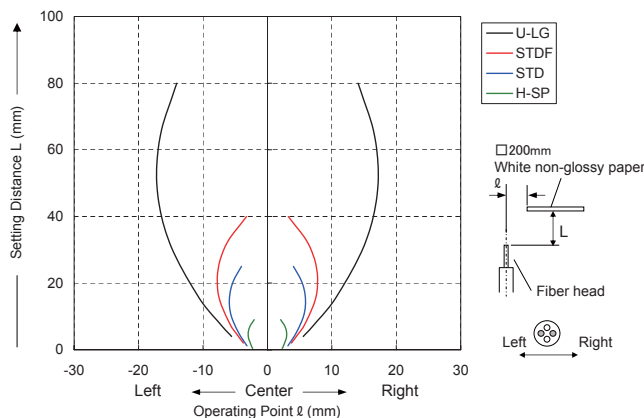
Vertical direction



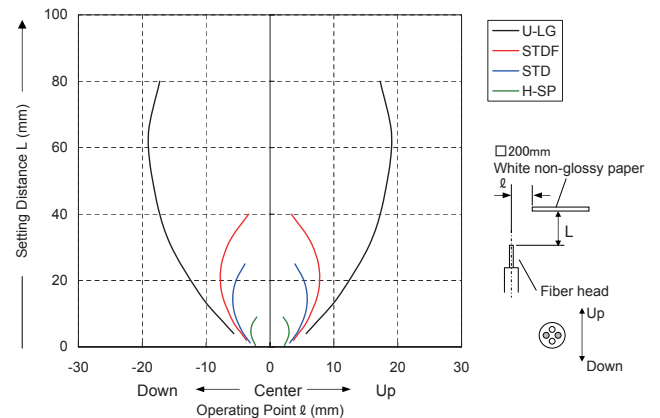
FD-S21

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

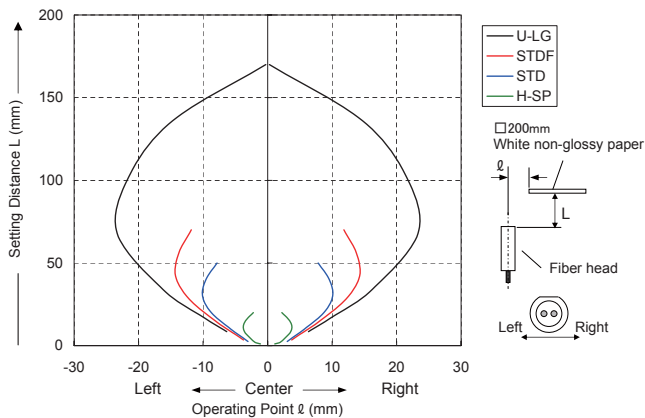
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

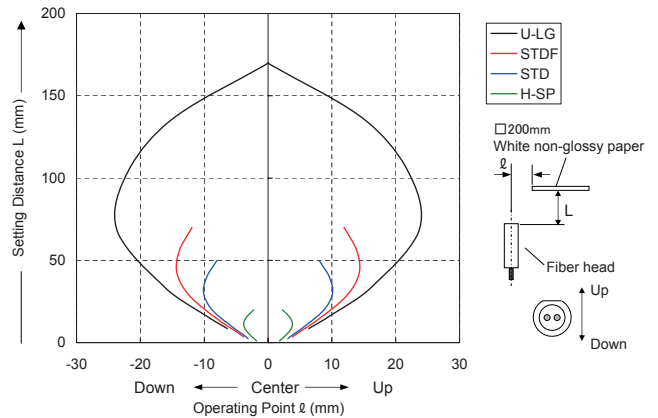
FD-S30

Reflective type

Horizontal direction



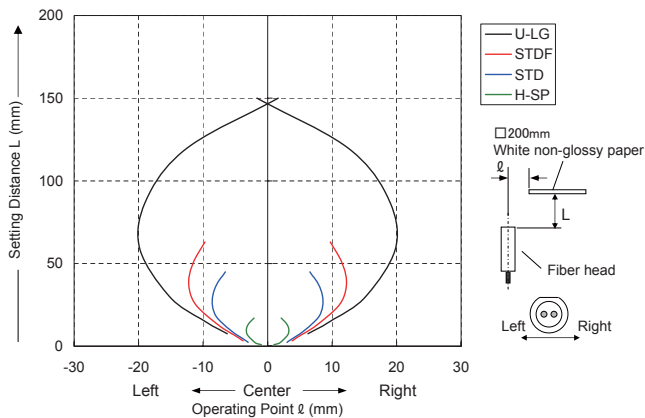
Vertical direction



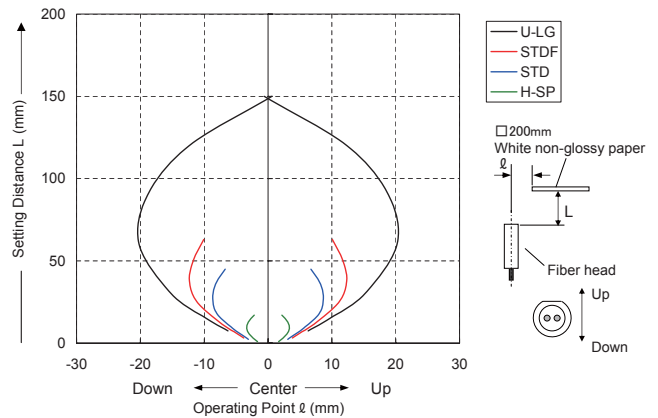
FD-S31

Reflective type

Horizontal direction



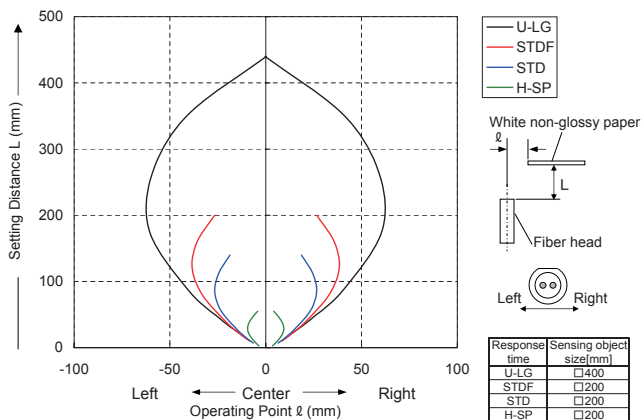
Vertical direction



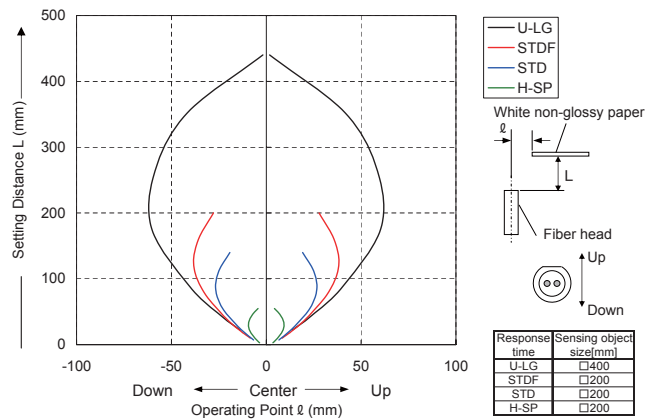
FD-S32

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

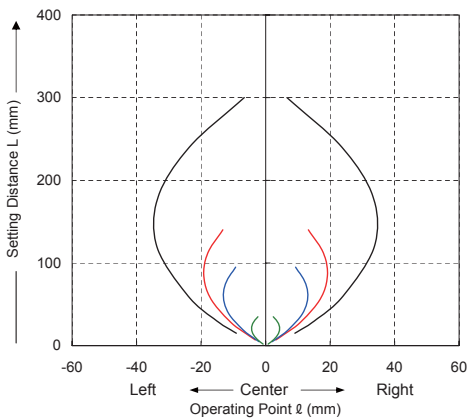
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

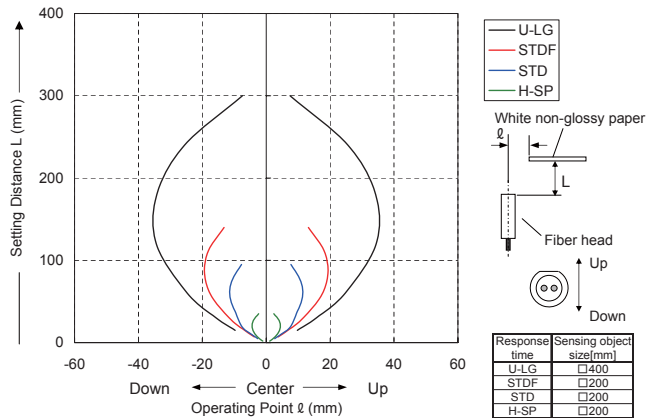
FD-S32W

Reflective type

Horizontal direction



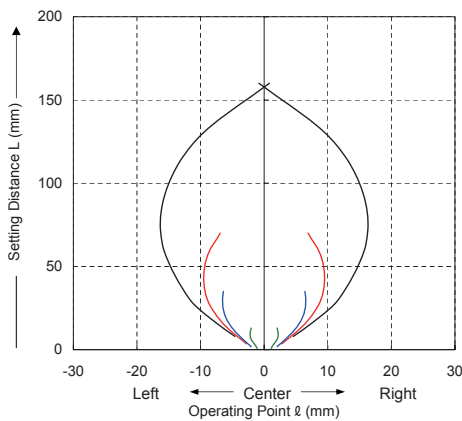
Vertical direction



FD-S33GW

Reflective type

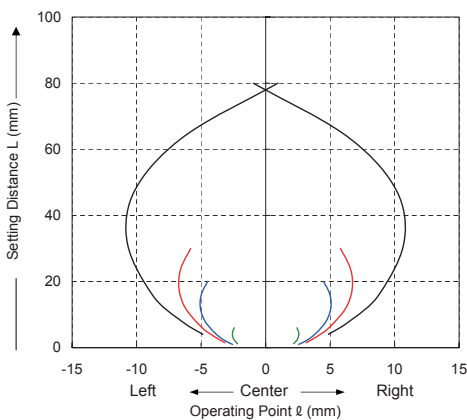
Common for horizontal and vertical direction



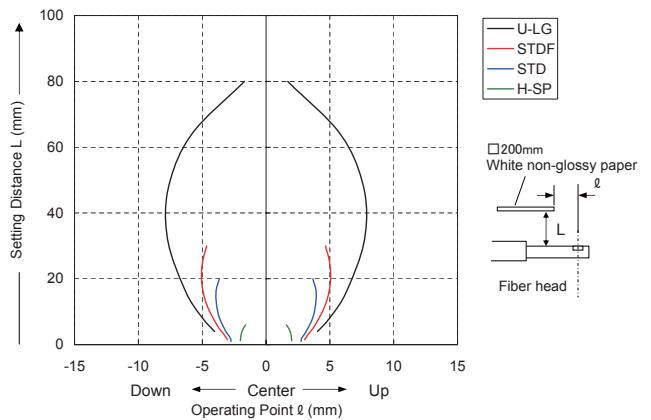
FD-V30

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

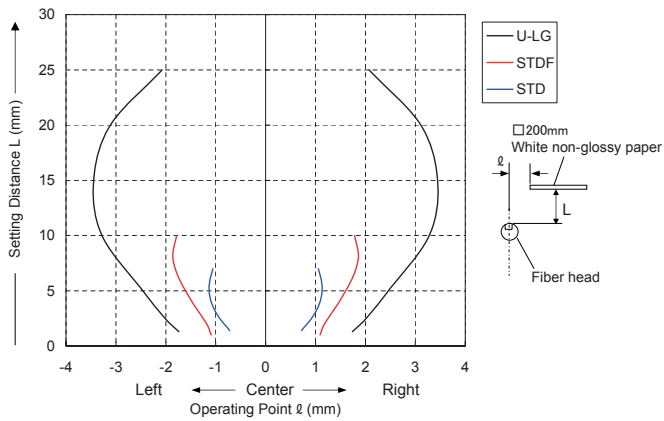
The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

Reflective type Sensing field Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

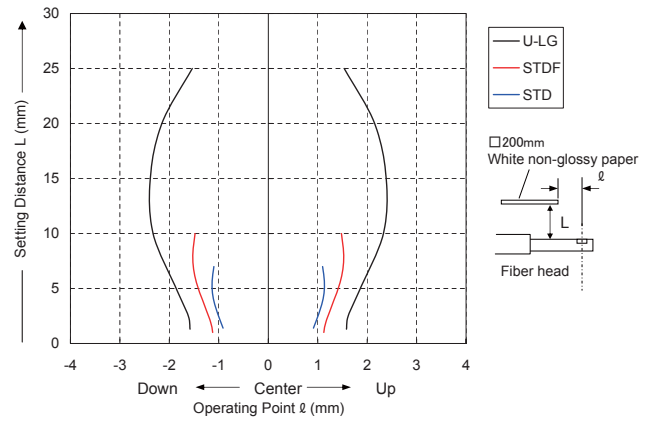
FD-V30W

Reflective type

Horizontal direction



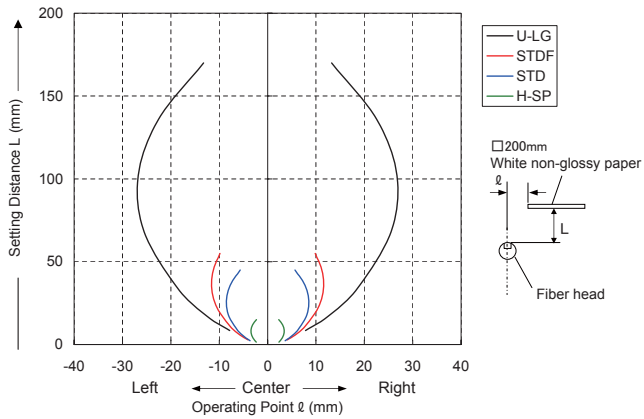
Vertical direction



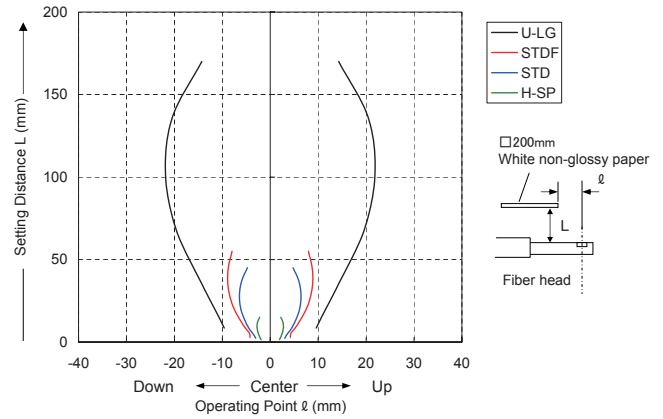
FD-V50

Reflective type

Horizontal direction



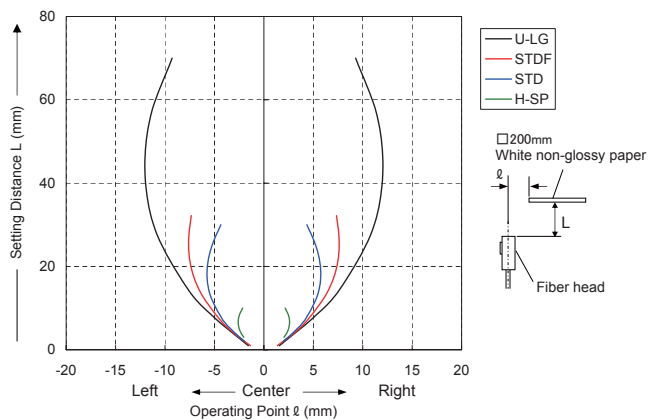
Vertical direction



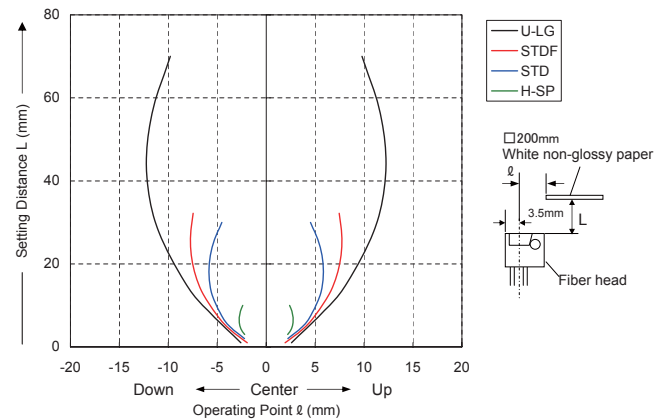
FD-Z20HBW

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

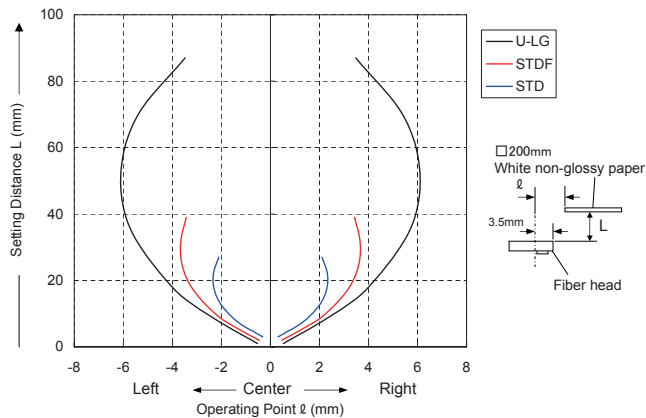
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

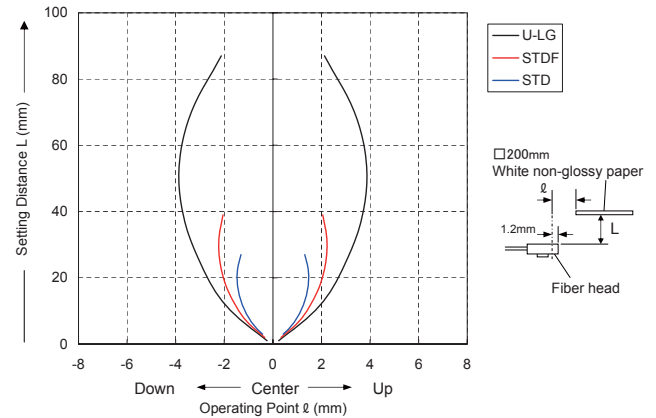
FD-Z20W

Reflective type

Horizontal direction



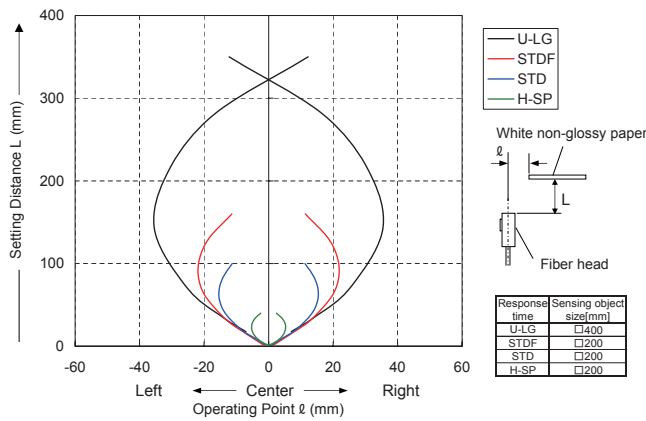
Vertical direction



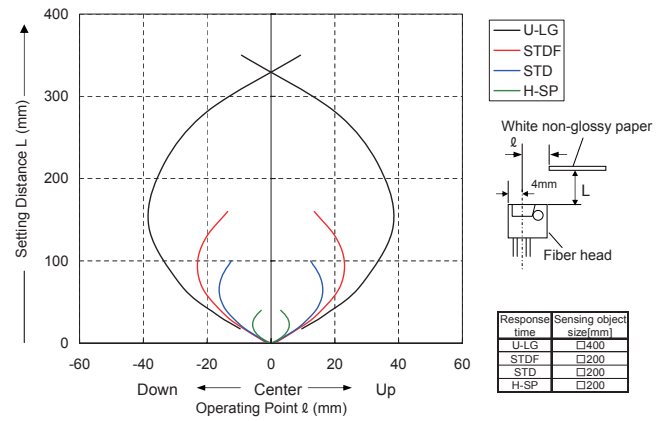
FD-Z40HBW

Reflective type

Horizontal direction



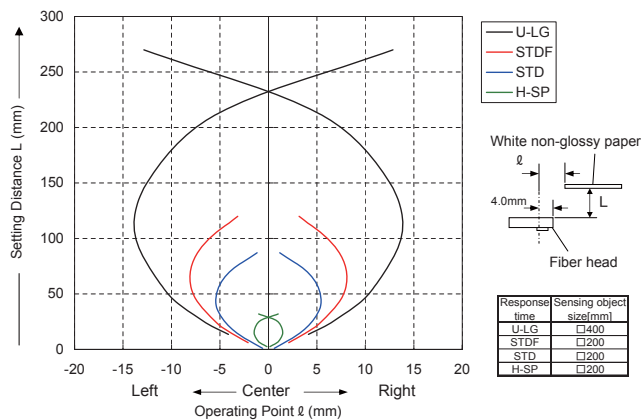
Vertical direction



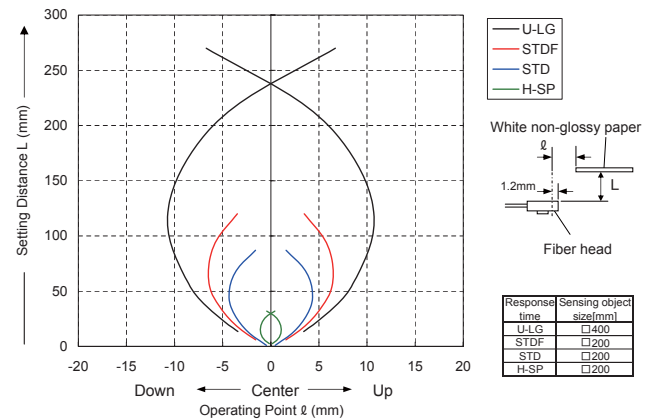
FD-Z40W

Reflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

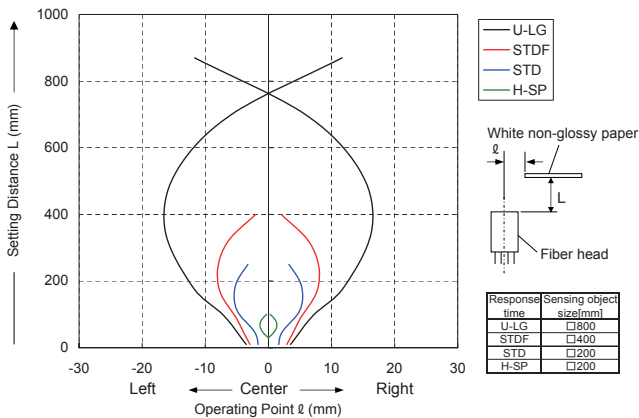
Reflective type Sensing field

Sensing characteristics diagram is listed in alphabetical order of model No. (Models with same sensing characteristics are grouped together.)

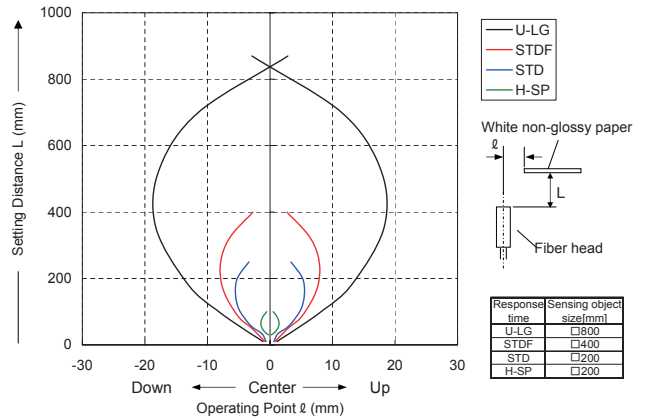
FD-Z50HW

Reflective type

Horizontal direction



Vertical direction



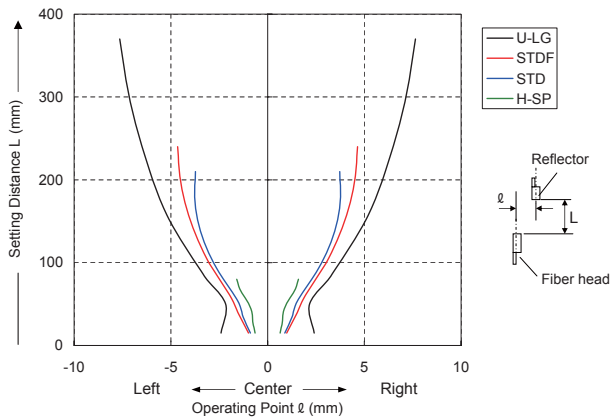
Retroreflective type Parallel deviation

Sensing characteristics diagram is listed in alphabetical order of model No.

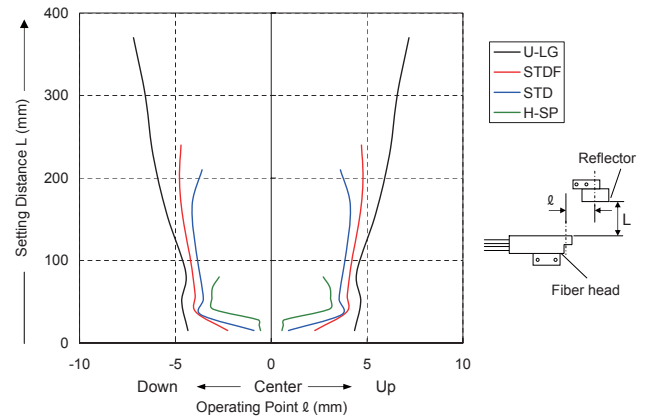
FR-KZ22E

Retroreflective type

Horizontal direction



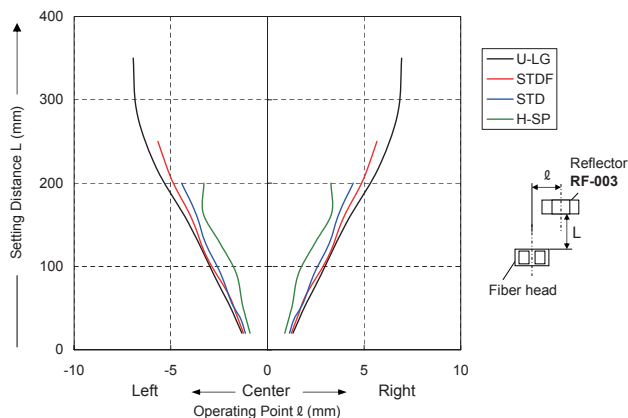
Vertical direction



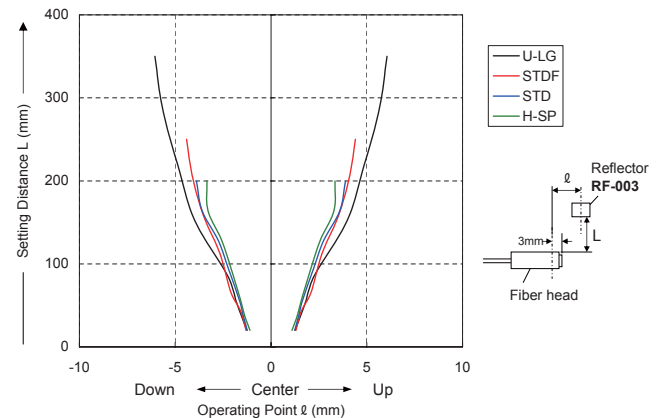
FR-KZ50E

Retroreflective type

Horizontal direction



Vertical direction



SENSING CHARACTERISTICS (TYPICAL)

The following sensing characteristics pertain to the red LED type of **FX-300** series. Contact our office for sensing characteristics that are not contained here.

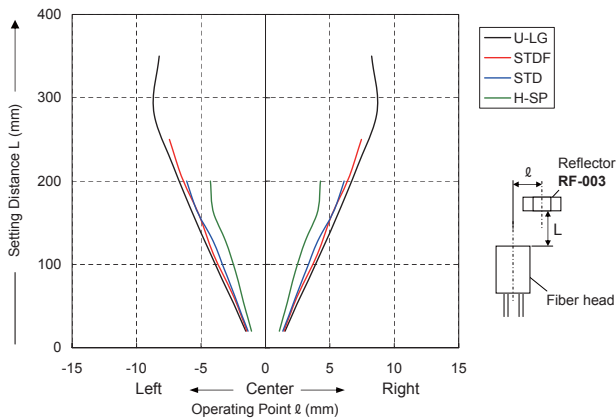
Retroreflective type Parallel deviation

Sensing characteristics diagram is listed in alphabetical order of model No.

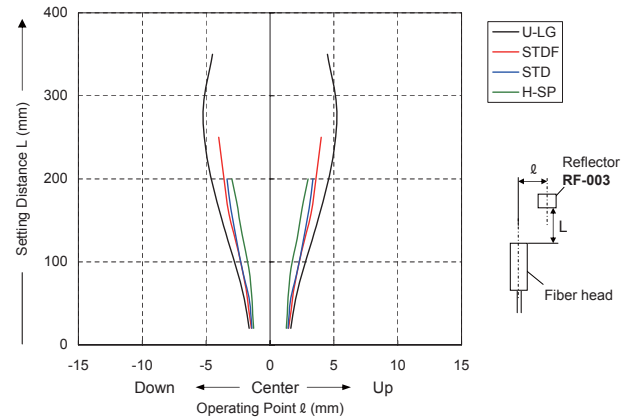
FR-KZ50H

Retroreflective type

Horizontal direction



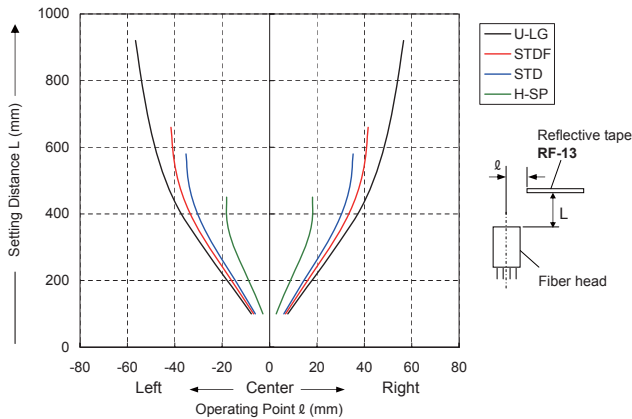
Vertical direction



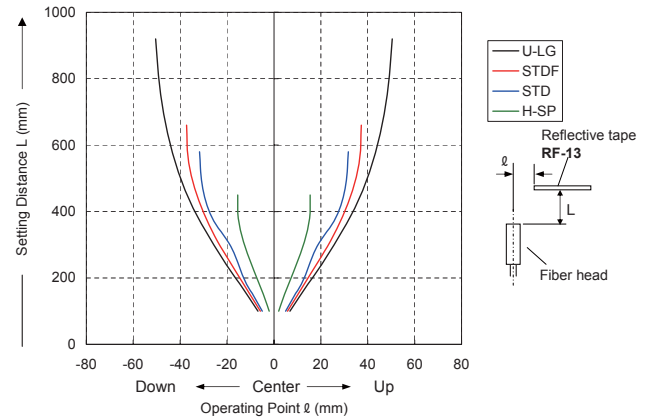
FR-Z50HW

Retroreflective type

Horizontal direction



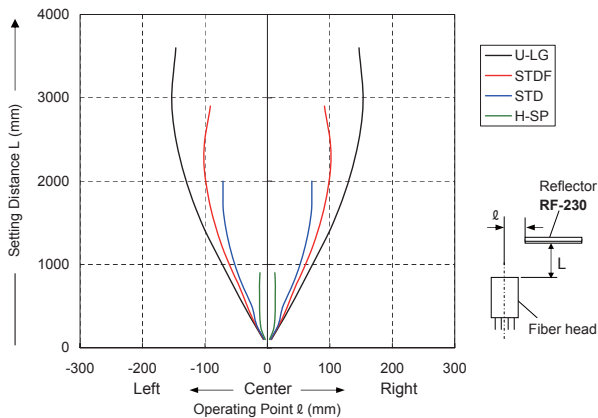
Vertical direction



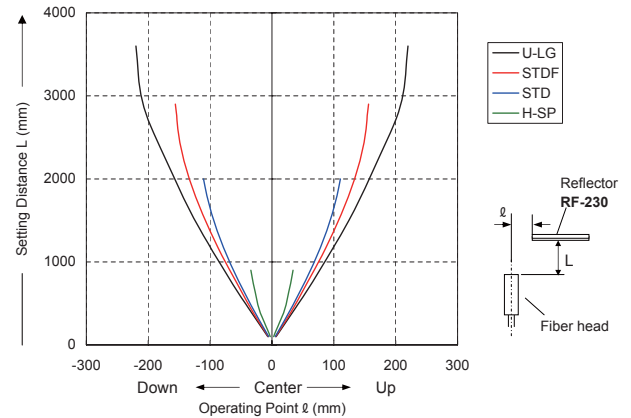
FR-Z50HW

Retroreflective type

Horizontal direction



Vertical direction



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