

Cylindrical Plano-convex Lenses

CPCL-P/CPCQL-P

RoHS

Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

FA Parts

Measurement & Control

FA Electrical Parts

Tool & Measure

Cleanroom & AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-Element Optics

Prisms

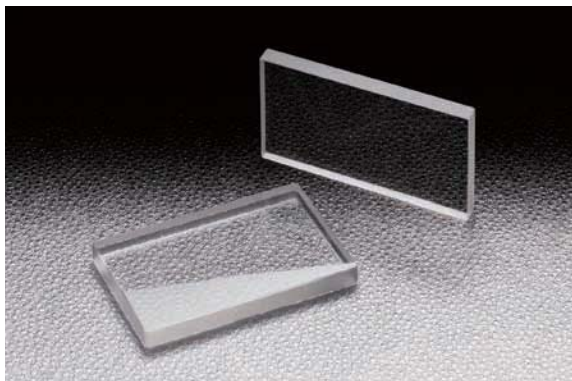
Substrates & Windows

Holder & Vibration isolator

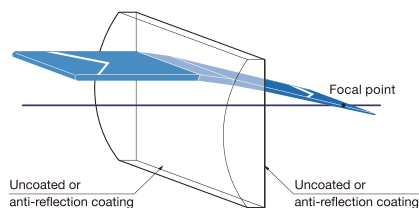
Cylindrical plano-convex lens has a convex curvature in the vertical direction and has no curvature in the horizontal direction.

It is used to make experimental and condensing a laser beam in a thin line, a wide light sheet used in the measurement, such as fluid.

- There are two types available; BK7 for from visible range to infrared wavelength range, high-strength synthetic fused silica which has high laser damage threshold used in less than 350nm ultraviolet light.
- Made of BK7 lenses are also available with three types of anti-reflection coating in the infrared wavelength, near-infrared wavelength and visible wavelength.
- By using a cylindrical lens in the optical system, it is available to change the shape and aspect ratio of the illumination light beam.

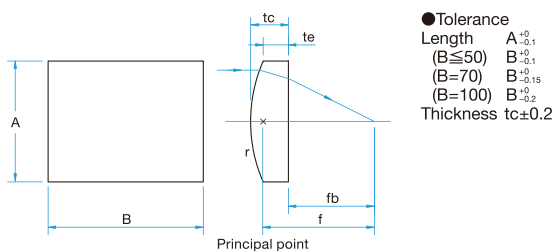


Schematic



Outline Drawing

(in mm)



How to specify the anti-reflection coating

In case of specifying a anti-reflection coating 633nm – 1064nm to near infrared lens of CPCL-30100-500P.
⇒ CPCL-30100-500PIR1

Type of AR Coat	Part Number	Wavelength Range [nm]	Transmittance [%]
Visible range	CPCL-30100-500PM	400 – 700	> Average 99
Near-infrared	CPCL-30100-500PIR1	633 – 1064	> Average 98.5
Infrared	CPCL-30100-500PIR2	750 – 1550	> Average 98.5

! Part of the above is an example of if you want to coat anti-reflective coating on the lens of the CPCL-30100-500P.

! Anti-reflection coating can be available to the lens of all of CPCL.

Compatible Optic Mounts

ACLH-25,-60,-130

Specifications

Material	CLB: BK7 CLSQ: Synthetic fused silica
Design wavelength	546.1nm
Refractive index	BK7: $n_d=1.519$ Synthetic fused silica: $n_d=1.460$
Coating	Uncoated: the end of the part number 'P' Anti-reflection coating: the end of the part number 'PM', 'PIR1', 'PIR2'
Laser Damage Threshold	Anti-reflection coating: $4J/cm^2$ Laser pulse with 10ns, repetition frequency 20Hz
Clear aperture	90% of square or rectangle to actual dimension
Surface Quality (Scratch-Dig)	20-10

Guide

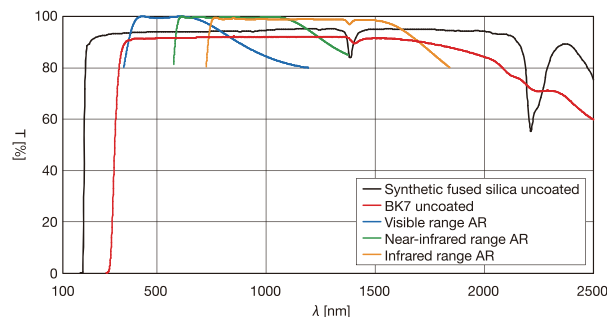
- ▶ It is also available other than the products which listed in the catalog such as focal length and outer diameter size.
- ▶ Production is also available with a specific wavelength of anti-reflection coating on the lens of no coated.
- ▶ To fix the cylindrical lenses, it is available cylindrical lens holders (cf. CHA). [Reference](#) D031

Attention

- ▶ The plano-convex cylindrical lens has a chromatic aberration, and the focal length will vary depending on the wavelength. Please check the "wavelength characteristic of the focal length data" on the Web for the focal lengths of each wavelength. [WEB Reference](#) [Catalog Code](#) W3062
- ▶ There is a direction to put light in a plano-convex cylindrical lens. Please let the incident parallel light from the convex side. There is a possibility that the spherical aberration increases when in reverse, the optical performance of the system will not be appropriate.
- ▶ Losses due to reflection of the front and rear surfaces of the lens, the transmittance of no coated is about 90%.

Typical Transmittance Data

T: Transmission



BK7 10×10mm – 20×30mm									
Uncoated	How to specify the anti-reflection coating			A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
Part Number	Visibe 400 – 700nm	Near-infrared 633 – 1064nm	Infrared 750 – 1550nm						
CPCL-1010-15P	M	IR1	IR2	10×10	15	2.2	4.0	12.4	7.79
CPCL-1010-20P	M	IR1	IR2	10×10	20	1.7	3.0	18.0	10.38
CPCL-1010-25P	M	IR1	IR2	10×10	25	2.0	3.0	23.0	12.98
CPCL-1010-30P	M	IR1	IR2	10×10	30	2.2	3.0	28.0	15.57
CPCL-1010-40P	M	IR1	IR2	10×10	40	2.4	3.0	38.0	20.76
CPCL-1020-15P	M	IR1	IR2	10×20	15	2.2	4.0	12.4	7.79
CPCL-1020-20P	M	IR1	IR2	10×20	20	1.7	3.0	18.0	10.38
CPCL-1020-25P	M	IR1	IR2	10×20	25	2.0	3.0	23.0	12.98
CPCL-1020-30P	M	IR1	IR2	10×20	30	2.2	3.0	28.0	15.57
CPCL-1020-40P	M	IR1	IR2	10×20	40	2.4	3.0	38.0	20.76
CPCL-1070-15P	M	IR1	IR2	10×70	15	2.2	4.0	12.4	7.79
CPCL-1070-20P	M	IR1	IR2	10×70	20	1.7	3.0	18.0	10.38
CPCL-1070-25P	M	IR1	IR2	10×70	25	2.0	3.0	23.0	12.98
CPCL-1070-30P	M	IR1	IR2	10×70	30	2.2	3.0	28.0	15.57
CPCL-1070-40P	M	IR1	IR2	10×70	40	2.4	3.0	38.0	20.76
CPCL-1515-20P	M	IR1	IR2	15×15	20	1.8	5.0	16.7	10.38
CPCL-1515-25P	M	IR1	IR2	15×15	25	2.6	5.0	21.7	12.98
CPCL-1515-30P	M	IR1	IR2	15×15	30	2.1	4.0	27.4	15.57
CPCL-1515-40P	M	IR1	IR2	15×15	40	2.6	4.0	37.4	20.76
CPCL-1525-20P	M	IR1	IR2	15×25	20	1.8	5.0	16.7	10.38
CPCL-1525-25P	M	IR1	IR2	15×25	25	2.6	5.0	21.7	12.98
CPCL-1525-30P	M	IR1	IR2	15×25	30	2.1	4.0	27.4	15.57
CPCL-1525-40P	M	IR1	IR2	15×25	40	2.6	4.0	37.4	20.76
CPCL-1570-20P	M	IR1	IR2	15×70	20	1.8	5.0	16.7	10.38
CPCL-1570-25P	M	IR1	IR2	15×70	25	2.6	5.0	21.7	12.98
CPCL-1570-30P	M	IR1	IR2	15×70	30	2.1	4.0	27.4	15.57
CPCL-1570-40P	M	IR1	IR2	15×70	40	2.6	4.0	37.4	20.76
CPCL-2020-25P	M	IR1	IR2	20×20	25	2.3	7.0	20.4	12.98
CPCL-2020-30P	M	IR1	IR2	20×20	30	2.4	6.0	26.1	15.57
CPCL-2020-40P	M	IR1	IR2	20×20	40	2.4	5.0	36.7	20.76
CPCL-2020-50P	M	IR1	IR2	20×20	50	2.0	4.0	47.4	25.95
CPCL-2020-60P	M	IR1	IR2	20×20	60	2.4	4.0	57.3	31.14
CPCL-2020-70P	M	IR1	IR2	20×20	70	2.6	4.0	67.4	36.33
CPCL-2020-80P	M	IR1	IR2	20×20	80	2.8	4.0	77.4	41.52
CPCL-2020-100P	M	IR1	IR2	20×20	100	3.0	4.0	97.4	51.90
CPCL-2020-130P	M	IR1	IR2	20×20	130	3.3	4.0	127.4	67.47
CPCL-2020-150P	M	IR1	IR2	20×20	150	3.4	4.0	147.4	77.85
CPCL-2020-200P	M	IR1	IR2	20×20	200	3.5	4.0	197.4	103.80
CPCL-2020-250P	M	IR1	IR2	20×20	250	3.6	4.0	247.4	129.75
CPCL-2020-300P	M	IR1	IR2	20×20	300	3.7	4.0	297.4	155.70
CPCL-2020-400P	M	IR1	IR2	20×20	400	3.8	4.0	397.4	207.60
CPCL-2020-500P	M	IR1	IR2	20×20	500	3.8	4.0	497.4	259.50
CPCL-2020-700P	M	IR1	IR2	20×20	700	3.9	4.0	697.4	363.30
CPCL-2020-1000P	M	IR1	IR2	20×20	1000	3.9	4.0	997.4	519.00
CPCL-2030-25P	M	IR1	IR2	20×30	25	2.3	7.0	20.4	12.98
CPCL-2030-30P	M	IR1	IR2	20×30	30	2.4	6.0	26.1	15.57
CPCL-2030-40P	M	IR1	IR2	20×30	40	2.4	5.0	36.7	20.76
CPCL-2030-50P	M	IR1	IR2	20×30	50	2.0	4.0	47.4	25.95
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CPCL-2030-700P	M	IR1	IR2	20×30	700	3.9	4.0	697.4	363.30
CPCL-2030-1000P	M	IR1	IR2	20×30	1000	3.9	4.0	997.4	519.00

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SystemsMachine
VisionManual
PositionsMotion Control
ProductsOptical &
Mirror Holder

FA Parts

Measurement
&ControlFA Electrical
PartsTool &
MeasureCleanroom
& AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-
Element Optics

Prisms

Substrates &
WindowsHolder &
Vibration isolator

Cylindrical Plano-convex Lenses

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Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

FA Parts

Measurement &Control

FA Electrical Parts

Tool & Measure

Cleanroom & AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-Element Optics

Prisms

Substrates & Windows

Holder & Vibration isolator

BK7 20×40mm – 30×30mm									
Uncoated	How to specify the anti-reflection coating			A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
Part Number	Visibe 400 – 700nm	Near-infrared 633 – 1064nm	Infrared 750 – 1550nm						
CPCL-2040-25P	M	IR1	IR2	20×40	25	2.3	7.0	20.4	12.98
CPCL-2040-30P	M	IR1	IR2	20×40	30	2.4	6.0	26.1	15.57
CPCL-2040-40P	M	IR1	IR2	20×40	40	2.4	5.0	36.7	20.76
CPCL-2040-50P	M	IR1	IR2	20×40	50	2.0	4.0	47.4	25.95
CPCL-2040-60P	M	IR1	IR2	20×40	60	2.4	4.0	57.3	31.14
CPCL-2040-70P	M	IR1	IR2	20×40	70	2.6	4.0	67.4	36.33
CPCL-2040-80P	M	IR1	IR2	20×40	80	2.8	4.0	77.4	41.52
CPCL-2040-100P	M	IR1	IR2	20×40	100	3.0	4.0	97.4	51.90
CPCL-2040-130P	M	IR1	IR2	20×40	130	3.3	4.0	127.4	67.47
CPCL-2040-150P	M	IR1	IR2	20×40	150	3.4	4.0	147.4	77.85
CPCL-2040-200P	M	IR1	IR2	20×40	200	3.5	4.0	197.4	103.80
CPCL-2040-250P	M	IR1	IR2	20×40	250	3.6	4.0	247.4	129.75
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CPCL-2040-400P	M	IR1	IR2	20×40	400	3.8	4.0	397.4	207.60
CPCL-2040-500P	M	IR1	IR2	20×40	500	3.8	4.0	497.4	259.50
CPCL-2040-700P	M	IR1	IR2	20×40	700	3.9	4.0	697.4	363.30
CPCL-2040-1000P	M	IR1	IR2	20×40	1000	3.9	4.0	997.4	519.00
CPCL-2050-100P	M	IR1	IR2	20×50	100	3.0	4.0	97.4	51.90
CPCL-2050-130P	M	IR1	IR2	20×50	130	3.3	4.0	127.4	67.47
CPCL-2050-150P	M	IR1	IR2	20×50	150	3.4	4.0	147.4	77.85
CPCL-2050-200P	M	IR1	IR2	20×50	200	3.5	4.0	197.4	103.80
CPCL-2050-250P	M	IR1	IR2	20×50	250	3.6	4.0	247.4	129.75
CPCL-2050-300P	M	IR1	IR2	20×50	300	3.7	4.0	297.4	155.70
CPCL-2050-400P	M	IR1	IR2	20×50	400	3.8	4.0	397.4	207.60
CPCL-2050-500P	M	IR1	IR2	20×50	500	3.8	4.0	497.4	259.50
CPCL-2050-700P	M	IR1	IR2	20×50	700	3.9	4.0	697.4	363.30
CPCL-2050-1000P	M	IR1	IR2	20×50	1000	3.9	4.0	997.4	519.00
CPCL-2070-25P	M	IR1	IR2	20×70	25	2.3	7.0	20.4	12.98
CPCL-2070-30P	M	IR1	IR2	20×70	30	2.4	6.0	26.1	15.57
CPCL-2070-40P	M	IR1	IR2	20×70	40	2.4	5.0	36.7	20.76
CPCL-2070-50P	M	IR1	IR2	20×70	50	2.0	4.0	47.4	25.95
CPCL-2070-60P	M	IR1	IR2	20×70	60	2.4	4.0	57.3	31.14
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CPCL-2070-100P	M	IR1	IR2	20×70	100	3.0	4.0	97.4	51.90
CPCL-20100-130P	M	IR1	IR2	20×100	130	3.3	4.0	127.4	67.47
CPCL-20100-150P	M	IR1	IR2	20×100	150	3.4	4.0	147.4	77.85
CPCL-20100-200P	M	IR1	IR2	20×100	200	3.5	4.0	197.4	103.80
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CPCL-20100-1000P	M	IR1	IR2	20×100	1000	3.9	4.0	997.4	519.00
CPCL-3030-50P	M	IR1	IR2	30×30	50	2.2	7.0	45.4	25.95
CPCL-3030-60P	M	IR1	IR2	30×30	60	2.1	6.0	56.0	31.14
CPCL-3030-70P	M	IR1	IR2	30×30	70	1.8	5.0	66.7	36.33
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CPCL-3030-250P	M	IR1	IR2	30×30	250	4.0	5.0	246.7	129.75
CPCL-3030-300P	M	IR1	IR2	30×30	300	4.3	5.0	296.7	155.70
CPCL-3030-400P	M	IR1	IR2	30×30	400	4.5	5.0	396.7	207.60
CPCL-3030-500P	M	IR1	IR2	30×30	500	4.6	5.0	496.7	259.50
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BK7 30×40mm – 30×100mm									
Uncoated	How to specify the anti-reflection coating			A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
Part Number	Visibe 400 – 700nm	Near-infrared 633 – 1064nm	Infrared 750 – 1550nm						
CPCL-3040-50P	M	IR1	IR2	30×40	50	2.2	7.0	45.4	25.95
CPCL-3040-60P	M	IR1	IR2	30×40	60	2.1	6.0	56.0	31.14
CPCL-3040-70P	M	IR1	IR2	30×40	70	1.8	5.0	66.7	36.33
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CPCL-3040-1000P	M	IR1	IR2	30×40	1000	4.8	5.0	996.7	519.00
CPCL-3050-50P	M	IR1	IR2	30×50	50	2.2	7.0	45.4	25.95
CPCL-3050-60P	M	IR1	IR2	30×50	60	2.1	6.0	56.0	31.14
CPCL-3050-70P	M	IR1	IR2	30×50	70	1.8	5.0	66.7	36.33
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CPCL-3050-130P	M	IR1	IR2	30×50	130	3.3	5.0	126.7	67.47
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CPCL-3050-250P	M	IR1	IR2	30×50	250	4.0	5.0	246.7	129.75
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CPCL-30100-250P	M	IR1	IR2	30×100	250	4.0	5.0	246.7	129.75
CPCL-30100-300P	M	IR1	IR2	30×100	300	4.3	5.0	296.7	155.70
CPCL-30100-400P	M	IR1	IR2	30×100	400	4.5	5.0	396.7	207.60
CPCL-30100-500P	M	IR1	IR2	30×100	500	4.6	5.0	496.7	259.50
CPCL-30100-700P	M	IR1	IR2	30×100	700	4.7	5.0	696.7	363.30
CPCL-30100-1000P	M	IR1	IR2	30×100	1000	4.8	5.0	996.7	519.00

Application
SystemsMachine
VisionManual
PositionsMotion Control
ProductsOptical &
Mirror Holder

FA Parts

Measurement
&ControlFA Electrical
PartsTool &
MeasureCleanroom
& AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-
Element Optics

Prisms

Substrates &
WindowsHolder &
Vibration isolator

Cylindrical Plano-convex Lenses

CPCL-P/CPCQL-P

- Application Systems
- Machine Vision
- Manual Positions
- Motion Control Products
- Optical & Mirror Holder
- FA Parts
- Measurement &Control
- FA Electrical Parts
- Tool & Measure
- Cleanroom & AntiStatic
- Index
- Mirrors
- Beamsplitters
- Filters
- Polarizers
- Lenses
- Multi-Element Optics
- Prisms
- Substrates & Windows
- Holder & Vibration isolator

Synthetic fused silica 10×10mm – 20×30mm						
Part Number	A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
CPCQL-1010-15P	10×10	15	1.9	4.0	12.3	6.90
CPCQL-1010-20P	10×10	20	1.5	3.0	17.9	9.20
CPCQL-1010-25P	10×10	25	1.9	3.0	22.9	11.50
CPCQL-1010-30P	10×10	30	2.1	3.0	27.9	13.80
CPCQL-1010-40P	10×10	40	2.3	3.0	37.9	18.40
CPCQL-1020-15P	10×20	15	1.9	4.0	12.3	6.90
CPCQL-1020-20P	10×20	20	1.5	3.0	17.9	9.20
CPCQL-1020-25P	10×20	25	1.9	3.0	22.9	11.50
CPCQL-1020-30P	10×20	30	2.1	3.0	27.9	13.80
CPCQL-1020-40P	10×20	40	2.3	3.0	37.9	18.40
CPCQL-1070-15P	10×70	15	1.9	4.0	12.3	6.90
CPCQL-1070-20P	10×70	20	1.5	3.0	17.9	9.20
CPCQL-1070-25P	10×70	25	1.9	3.0	22.9	11.50
CPCQL-1070-30P	10×70	30	2.1	3.0	27.9	13.80
CPCQL-1070-40P	10×70	40	2.3	3.0	37.9	18.40
CPCQL-1070-20P	15×15	20	2.1	6.0	16.0	9.20
CPCQL-1070-25P	15×15	25	2.2	5.0	21.6	11.50
CPCQL-1070-30P	15×15	30	1.8	4.0	27.3	13.80
CPCQL-1070-40P	15×15	40	2.4	4.0	37.3	18.40
CPCQL-1525-20P	15×25	20	2.1	6.0	16.0	9.20
CPCQL-1525-25P	15×25	25	2.2	5.0	21.6	11.50
CPCQL-1525-30P	15×25	30	1.8	4.0	27.3	13.80
CPCQL-1525-40P	15×25	40	2.4	4.0	37.3	18.40
CPCQL-1570-20P	15×70	20	2.1	6.0	16.0	9.20
CPCQL-1570-25P	15×70	25	2.2	5.0	21.6	11.50
CPCQL-1570-30P	15×70	30	1.8	4.0	27.3	13.80
CPCQL-1570-40P	15×70	40	2.4	4.0	37.3	18.40
CPCQL-2020-25P	20×20	25	1.2	7.0	20.2	11.50
CPCQL-2020-30P	20×20	30	1.7	6.0	25.9	13.80
CPCQL-2020-40P	20×20	40	2.0	5.0	36.6	18.40
CPCQL-2020-50P	20×20	50	1.7	4.0	47.3	23.00
CPCQL-2020-60P	20×20	60	2.1	4.0	57.3	27.60
CPCQL-2020-70P	20×20	70	2.4	4.0	67.3	32.20
CPCQL-2020-80P	20×20	80	2.6	4.0	77.3	36.80
CPCQL-2020-100P	20×20	100	2.9	4.0	97.3	46.00
CPCQL-2020-130P	20×20	130	3.2	4.0	127.3	59.80
CPCQL-2020-150P	20×20	150	3.3	4.0	147.3	69.00
CPCQL-2020-200P	20×20	200	3.5	4.0	197.3	92.00
CPCQL-2020-250P	20×20	250	3.6	4.0	247.3	115.00
CPCQL-2020-300P	20×20	300	3.6	4.0	297.3	138.00
CPCQL-2020-400P	20×20	400	3.7	4.0	397.3	184.00
CPCQL-2020-500P	20×20	500	3.7	4.0	497.3	230.00
CPCQL-2020-700P	20×20	700	3.8	4.0	697.3	322.00
CPCQL-2020-1000P	20×20	1000	3.8	4.0	997.3	460.00
CPCQL-2030-25P	20×30	25	1.2	7.0	20.2	11.50
CPCQL-2030-30P	20×30	30	1.7	6.0	25.9	13.80
CPCQL-2030-40P	20×30	40	2.0	5.0	36.6	18.40
CPCQL-2030-50P	20×30	50	1.7	4.0	47.3	23.00
CPCQL-2030-60P	20×30	60	2.1	4.0	57.3	27.60
CPCQL-2030-70P	20×30	70	2.4	4.0	67.3	32.20
CPCQL-2030-80P	20×30	80	2.6	4.0	77.3	36.80
CPCQL-2030-100P	20×30	100	2.9	4.0	97.3	46.00
CPCQL-2030-130P	20×30	130	3.2	4.0	127.3	59.80
CPCQL-2030-150P	20×30	150	3.3	4.0	147.3	69.00
CPCQL-2030-200P	20×30	200	3.5	4.0	197.3	92.00
CPCQL-2030-250P	20×30	250	3.6	4.0	247.3	115.00
CPCQL-2030-300P	20×30	300	3.6	4.0	297.3	138.00
CPCQL-2030-400P	20×30	400	3.7	4.0	397.3	184.00
CPCQL-2030-500P	20×30	500	3.7	4.0	497.3	230.00
CPCQL-2030-700P	20×30	700	3.8	4.0	697.3	322.00
CPCQL-2030-1000P	20×30	1000	3.8	4.0	997.3	460.00

Synthetic fused silica 20×40mm – 30×30mm

Part Number	A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
CPCQL-2040-25P	20×40	25	1.2	7.0	20.2	11.50
CPCQL-2040-30P	20×40	30	1.7	6.0	25.9	13.80
CPCQL-2040-40P	20×40	40	2.0	5.0	36.6	18.40
CPCQL-2040-50P	20×40	50	1.7	4.0	47.3	23.00
CPCQL-2040-60P	20×40	60	2.1	4.0	57.3	27.60
CPCQL-2040-70P	20×40	70	2.4	4.0	67.3	32.20
CPCQL-2040-80P	20×40	80	2.6	4.0	77.3	36.80
CPCQL-2040-100P	20×40	100	2.9	4.0	97.3	46.00
CPCQL-2040-130P	20×40	130	3.2	4.0	127.3	59.80
CPCQL-2040-150P	20×40	150	3.3	4.0	147.3	69.00
CPCQL-2040-200P	20×40	200	3.5	4.0	197.3	92.00
CPCQL-2040-250P	20×40	250	3.6	4.0	247.3	115.00
CPCQL-2040-300P	20×40	300	3.6	4.0	297.3	138.00
CPCQL-2040-400P	20×40	400	3.7	4.0	397.3	184.00
CPCQL-2040-500P	20×40	500	3.7	4.0	497.3	230.00
CPCQL-2040-700P	20×40	700	3.8	4.0	697.3	322.00
CPCQL-2040-1000P	20×40	1000	3.8	4.0	997.3	460.00
CPCQL-2050-100P	20×50	100	2.9	4.0	97.3	46.00
CPCQL-2050-130P	20×50	130	3.2	4.0	127.3	59.80
CPCQL-2050-150P	20×50	150	3.3	4.0	147.3	69.00
CPCQL-2050-200P	20×50	200	3.5	4.0	197.3	92.00
CPCQL-2050-250P	20×50	250	3.6	4.0	247.3	115.00
CPCQL-2050-300P	20×50	300	3.6	4.0	297.3	138.00
CPCQL-2050-400P	20×50	400	3.7	4.0	397.3	184.00
CPCQL-2050-500P	20×50	500	3.7	4.0	497.3	230.00
CPCQL-2050-700P	20×50	700	3.8	4.0	697.3	322.00
CPCQL-2050-1000P	20×50	1000	3.8	4.0	997.3	460.00
CPCQL-2070-25P	20×70	25	1.2	7.0	20.2	11.50
CPCQL-2070-30P	20×70	30	1.7	6.0	25.9	13.80
CPCQL-2070-40P	20×70	40	2.0	5.0	36.6	18.40
CPCQL-2070-50P	20×70	50	1.7	4.0	47.3	23.00
CPCQL-2070-60P	20×70	60	2.1	4.0	57.3	27.60
CPCQL-2070-70P	20×70	70	2.4	4.0	67.3	32.20
CPCQL-2070-80P	20×70	80	2.6	4.0	77.3	36.80
CPCQL-2070-100P	20×70	100	2.9	4.0	97.3	46.00
CPCQL-20100-130P	20×100	130	3.2	4.0	127.3	59.80
CPCQL-20100-150P	20×100	150	3.3	4.0	147.3	69.00
CPCQL-20100-200P	20×100	200	3.5	4.0	197.3	92.00
CPCQL-20100-250P	20×100	250	3.6	4.0	247.3	115.00
CPCQL-20100-300P	20×100	300	3.6	4.0	297.3	138.00
CPCQL-20100-400P	20×100	400	3.7	4.0	397.3	184.00
CPCQL-20100-500P	20×100	500	3.7	4.0	497.3	230.00
CPCQL-20100-700P	20×100	700	3.8	4.0	697.3	322.00
CPCQL-20100-1000P	20×100	1000	3.8	4.0	997.3	460.00
CPCQL-3030-50P	30×30	50	1.4	7.0	45.2	23.00
CPCQL-3030-60P	30×30	60	1.6	6.0	55.9	27.60
CPCQL-3030-70P	30×30	70	2.3	6.0	65.9	32.20
CPCQL-3030-80P	30×30	80	1.8	5.0	79.6	36.80
CPCQL-3030-100P	30×30	100	2.5	5.0	96.6	46.00
CPCQL-3030-130P	30×30	130	3.1	5.0	126.6	59.80
CPCQL-3030-150P	30×30	150	3.3	5.0	146.6	69.00
CPCQL-3030-200P	30×30	200	3.8	5.0	196.6	92.00
CPCQL-3030-250P	30×30	250	4.0	5.0	246.6	115.00
CPCQL-3030-300P	30×30	300	4.2	5.0	296.6	138.00
CPCQL-3030-400P	30×30	400	4.4	5.0	396.6	184.00
CPCQL-3030-500P	30×30	500	4.4	5.0	496.6	230.00
CPCQL-3030-700P	30×30	700	4.7	5.0	696.6	322.00
CPCQL-3030-1000P	30×30	1000	4.8	5.0	996.6	460.00

Application
SystemsMachine
VisionManual
PositionsMotion Control
ProductsOptical &
Mirror Holder

FA Parts

Measurement
&ControlFA Electrical
PartsTool &
MeasureCleanroom
& AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-
Element Optics

Prisms

Substrates &
WindowsHolder &
Vibration isolator

Cylindrical Plano-convex Lenses | CPCL-P/CPCQL-P

Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

F A Parts

Measurement &Control

FA Electrical Parts

Tool & Measure

Cleanroom & AntiStatic

Index

Mirrors

Beamsplitters

Filters

Polarizers

Lenses

Multi-Element Optics

Prisms

Substrates & Windows

Holder & Vibration isolator

Synthetic fused silica 30×40mm – 30×100mm						
Part Number	A×B [mm]	Focal length f [mm]	Thickness of the edge te [mm]	Thickness of the center tc [mm]	Back focal length fb [mm]	Radius of curvature r [mm]
CPCQL-3040-50P	30×40	50	1.4	7.0	45.2	23.00
CPCQL-3040-60P	30×40	60	1.6	6.0	55.9	27.60
CPCQL-3040-70P	30×40	70	2.3	6.0	65.9	32.20
CPCQL-3040-80P	30×40	80	1.8	5.0	79.6	36.80
CPCQL-3040-100P	30×40	100	2.5	5.0	96.6	46.00
CPCQL-3040-130P	30×40	130	3.1	5.0	126.6	59.80
CPCQL-3040-150P	30×40	150	3.3	5.0	146.6	69.00
CPCQL-3040-200P	30×40	200	3.8	5.0	196.6	92.00
CPCQL-3040-250P	30×40	250	4.0	5.0	246.6	115.00
CPCQL-3040-300P	30×40	300	4.2	5.0	296.6	138.00
CPCQL-3040-400P	30×40	400	4.4	5.0	396.6	184.00
CPCQL-3040-500P	30×40	500	4.4	5.0	496.6	230.00
CPCQL-3040-700P	30×40	700	4.7	5.0	696.6	322.00
CPCQL-3040-1000P	30×40	1000	4.8	5.0	996.6	460.00
CPCQL-3050-50P	30×50	50	1.4	7.0	45.2	23.00
CPCQL-3050-60P	30×50	60	1.6	6.0	55.9	27.60
CPCQL-3050-70P	30×50	70	2.3	6.0	65.9	32.20
CPCQL-3050-80P	30×50	80	1.8	5.0	79.6	36.80
CPCQL-3050-100P	30×50	100	2.5	5.0	96.6	46.00
CPCQL-3050-130P	30×50	130	3.1	5.0	126.6	59.80
CPCQL-3050-150P	30×50	150	3.3	5.0	146.6	69.00
CPCQL-3050-200P	30×50	200	3.8	5.0	196.6	92.00
CPCQL-3050-250P	30×50	250	4.0	5.0	246.6	115.00
CPCQL-3050-300P	30×50	300	4.2	5.0	296.6	138.00
CPCQL-3050-400P	30×50	400	4.4	5.0	396.6	184.00
CPCQL-3050-500P	30×50	500	4.4	5.0	496.6	230.00
CPCQL-3050-700P	30×50	700	4.7	5.0	696.6	322.00
CPCQL-3050-1000P	30×50	1000	4.8	5.0	996.6	460.00
CPCQL-3070-50P	30×70	50	1.4	7.0	45.2	23.00
CPCQL-3070-60P	30×70	60	1.6	6.0	55.9	27.60
CPCQL-3070-70P	30×70	70	2.3	6.0	65.9	32.20
CPCQL-3070-80P	30×70	80	1.8	5.0	79.6	36.80
CPCQL-3070-100P	30×70	100	2.5	5.0	96.6	46.00
CPCQL-30100-130P	30×100	130	3.1	5.0	126.6	59.80
CPCQL-30100-150P	30×100	150	3.3	5.0	146.6	69.00
CPCQL-30100-200P	30×100	200	3.8	5.0	196.6	92.00
CPCQL-30100-250P	30×100	250	4.0	5.0	246.6	115.00
CPCQL-30100-300P	30×100	300	4.2	5.0	296.6	138.00
CPCQL-30100-400P	30×100	400	4.4	5.0	396.6	184.00
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