

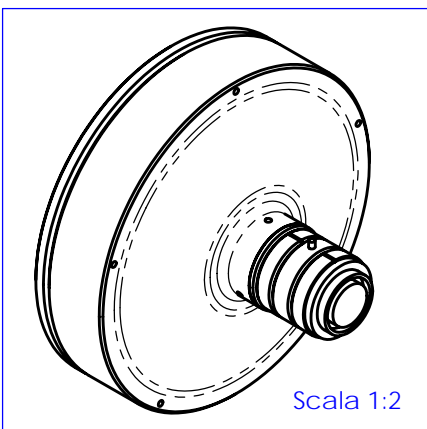
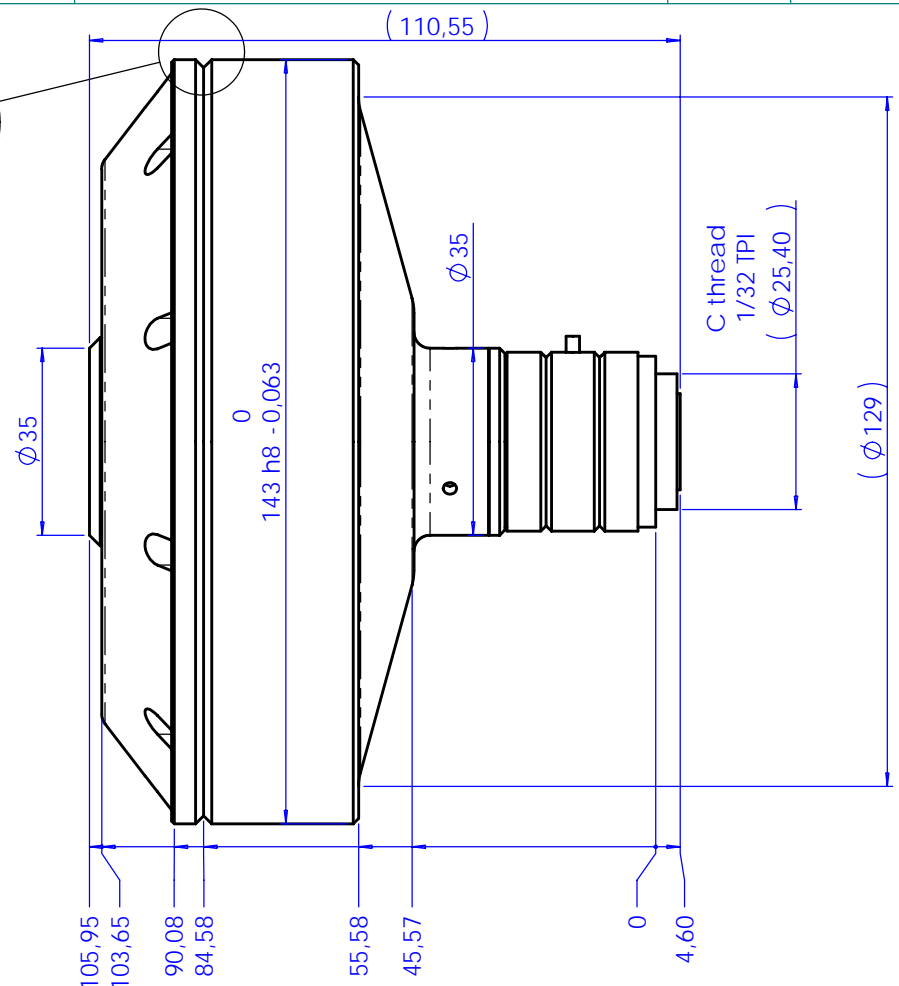
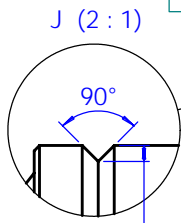
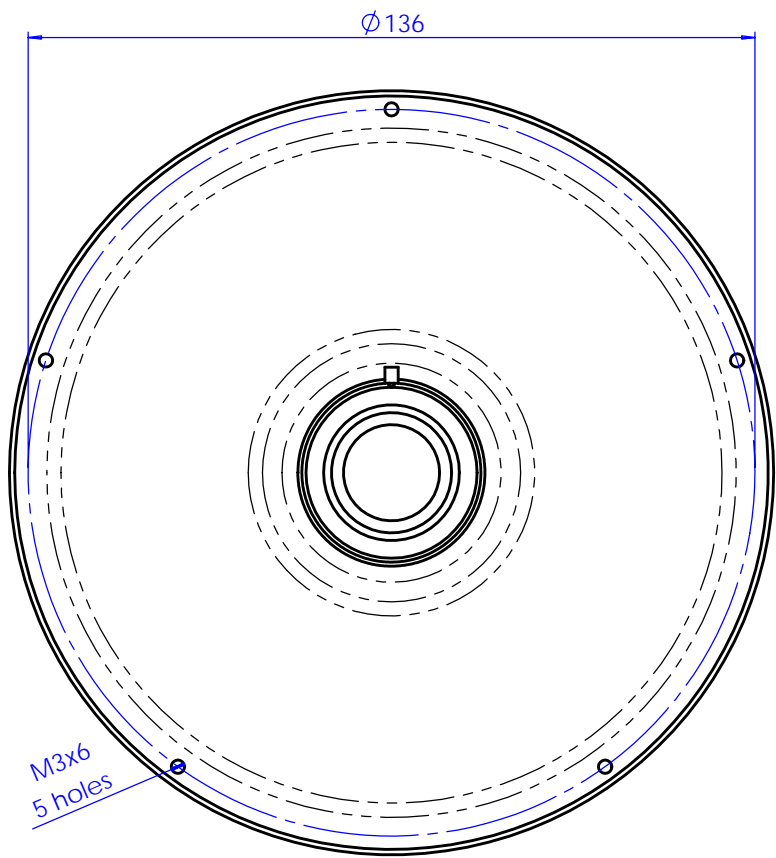
**PCCD012**

# Catadioptric Pericentric lens for 1/2" detectors



part number		PCCD012
<b>Detector Size</b>		1/2"
<b>min. FOV (diam x height)</b>	(mm x mm)	7,5 x 5
<b>typ. FOV (diam x height)</b>	(mm x mm)	15 x 10
<b>max. FOV (diam x height)</b>	(mm x mm)	25 x 17
<b>Wavelength range</b>	(nm)	450 .. 650
<b>Working distance</b>	(mm)	28 .. 53
<b>CTF @ 50 lp/mm</b>	(%)	> 30
<b>F-number</b>		8-32
<b>Diameter</b>	(mm)	143
<b>Length</b>	(mm)	110,5
<b>Weight</b>	(g)	990
<b>Mount</b>		C

Rev No.	Description	Date	Name
A	First light	01/12/09	A.Vismara



Material	N.A.		Mass	0,98 kg	Scale	1:1																																					
Surface treatment	N.A.		Project-Prod.Item/Instrument	PCCD01x																																							
Geometrical tolerance (ISO 2768-2) <table border="1"> <thead> <tr> <th>Linear tolerance (ISO 2768-2)</th> <th>Class</th> <th>K</th> <th>Undimensioned bevels</th> <th>1x45°</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0,5</td> <td>&gt;3+</td> <td>&gt;6+</td> <td>&gt;30+</td> <td>&gt;120</td> <td>&gt;400+</td> <td>&gt;1000</td> <td>&gt;2000</td> <td rowspan="2">Undimensioned radii</td> <td rowspan="2">R 0,5</td> <td rowspan="2">ASSEMBLY</td> </tr> <tr> <td>+3</td> <td>6</td> <td>30</td> <td>120</td> <td>+400</td> <td>1000</td> <td>+2000</td> <td>+4000</td> </tr> <tr> <td>±0,1</td> <td>±0,1</td> <td>±0,2</td> <td>±0,3</td> <td>±0,5</td> <td>±0,8</td> <td>±1,2</td> <td>±2</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Linear tolerance (ISO 2768-2)	Class	K	Undimensioned bevels	1x45°	Description	0,5	>3+	>6+	>30+	>120	>400+	>1000	>2000	Undimensioned radii	R 0,5	ASSEMBLY	+3	6	30	120	+400	1000	+2000	+4000	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2				Date		Name		Drawing No.	Sheet
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		Designed	01/12/09	A.Vismara		14409-0-A	1/1																																				
www.opto-engineering.com		Draw	01/12/09	A.Vismara																																							
		Checked	X	C. Sedazzari																																							
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