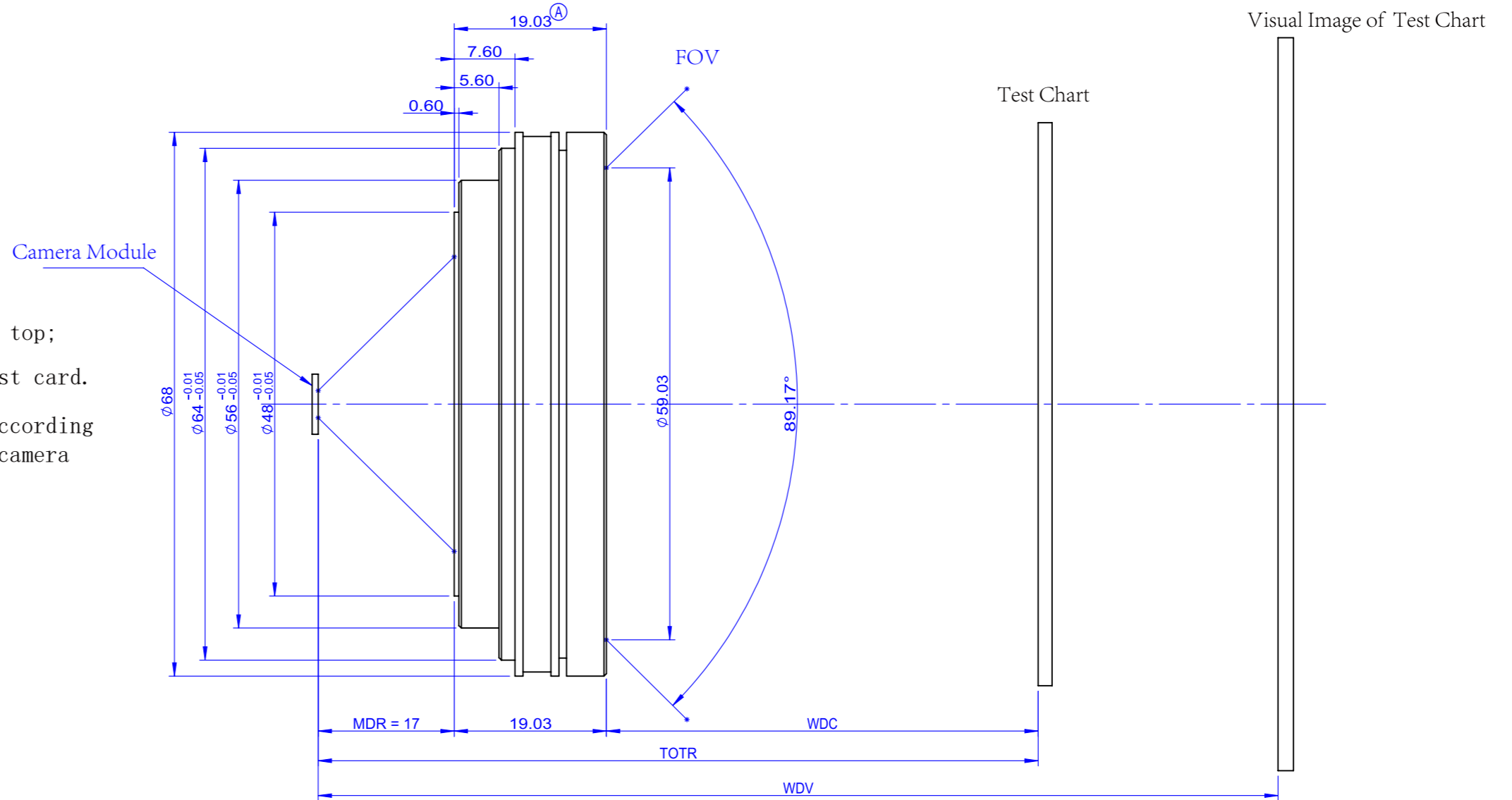


RL1890-666 SPECIFICATION

Notes:

1. The Chart Size is calculated according to the maximum field Angle of the relay lens;
2. WDV: Working Distance between the Visual Image of Chart and CCM top;
3. WDC: Working Distance between the Chart and Relaylens Object End;
4. MDR: Mounting Distance for Relay Lens from CCM top;
5. TOTR: Distance from the camera module to the test card.
6. The length and width of chart are calculated according to the chip specifications 4:3 or 16:9 of the camera module.



WDV	WDC	TOTR	Chart Size@Max FOV				
			Diagonal	4:3(WxH)		16:9(WxH)	
300	211.4	247.4	475.9	380.8	285.6	414.8	233.3
400	263.5	299.5	579.4	463.5	347.6	505.0	284.0
500	307.1	343.1	666.0	532.8	399.6	580.5	326.5
1000	449.7	485.7	949.1	759.2	569.4	827.2	465.3
2000	578.3	614.3	1204.3	963.4	722.6	1049.6	590.4
5000	694.8	730.8	1435.6	1148.4	861.3	1251.2	703.8
10000	744.2	780.2	1533.7	1226.9	920.2	1336.7	751.9
20000	771.5	807.5	1587.9	1270.3	952.8	1384.0	778.5
50000	788.8	824.9	1622.3	1297.9	973.4	1414.0	795.4
Infinity	800.9	836.9	1646.2	1316.9	987.7	1434.8	807.1

Focal Length	1042.7
Distortion	<0.2%
MAX FOV	90°
Weight	0.127
Exit Pupil Aperture	3
MDR	17
Wavelength	420-680 nm

Lontry®	DESIGN	Derek	2020.9.19	MACHINE MODEL:	RL1890-666	
	CHECKED					
INFORMATION HEREIN SHALL NOT BE REPRODUCED IN ANY FORM WITHOUT COLIBRI WRITTEN PERMISSION	APPROVED			TITLE: RL1890-666 SPECIFICATION		
	MATERIAL:			QTY	-	TREATMENT
TOLERANCE CLASS NOT SPECIFIED	SIZE	A3	UNIT	mm	DWG/N	REV. A
Dimensional tol./Masstol. ISO 2768-1:1989	tol.-class/Tol.-k.	SCALE	1:2	WT(kg)		SHEET 1/1
Geometrical tol./Form-u. Lagetol. ISO 2768-2:1989						