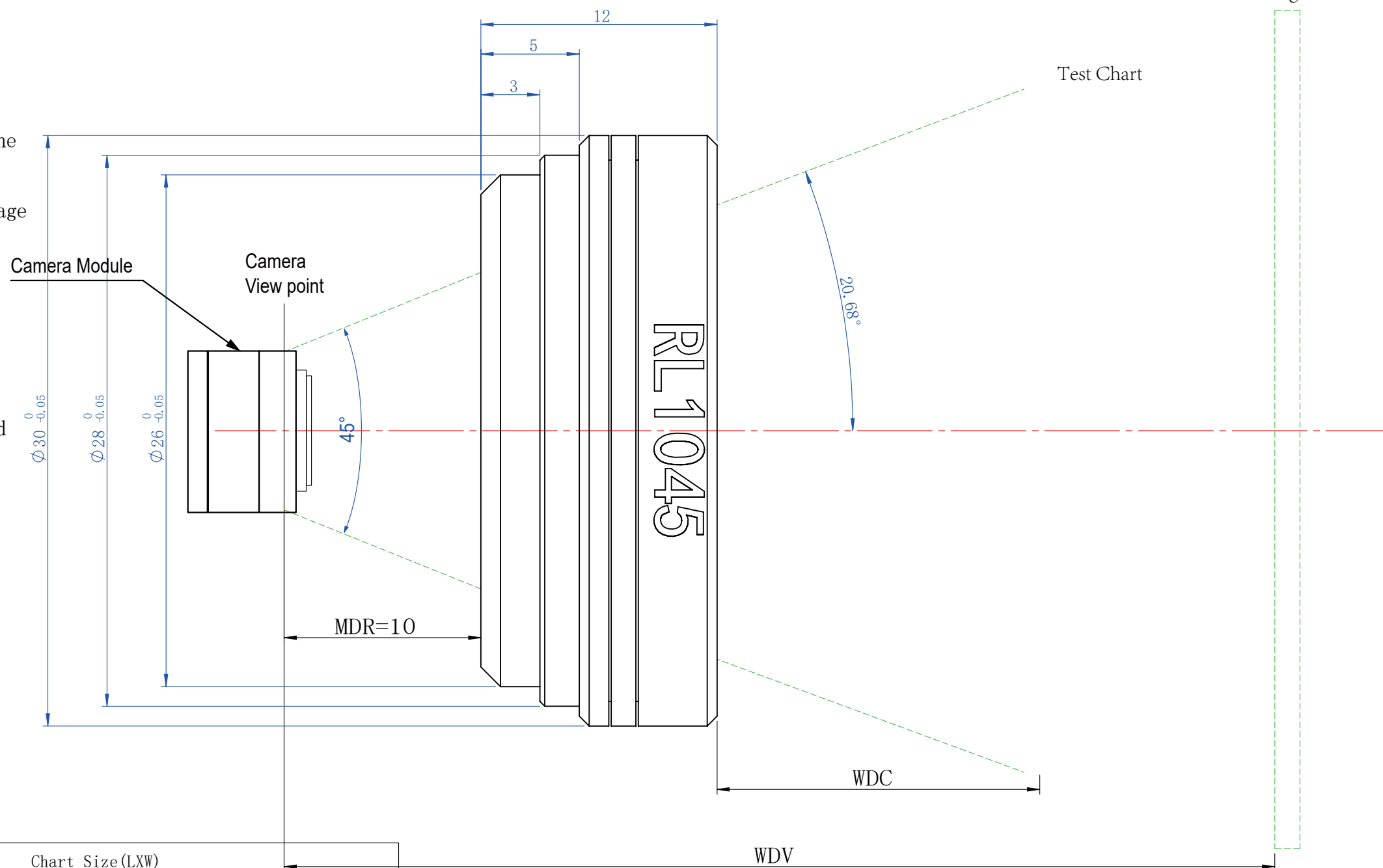


RL1045 SPECIFICATION

- 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 **VIEWPOINT**;
- 5.The length and width of chart are calculated according to the chip specifications 4:3 or 16:9 of the camera module.



WDV	WDC	Chart Size(LXW)					
		4:3		16:9			
400	191.55	131.4	98.6	143.2	80.5		
500	213.46	145.0	108.8	158.0	88.9		
600	230.78	155.8	116.8	169.7	95.5		
1000	274.43	182.9	137.2	199.2	112.1	Focal Length	
2000	318.63	210.3	157.7	229.1	128.9	Distortion	<0.45%
5000	352.15	231.1	173.3	251.8	141.6	MAX FOV	45°
10000	364.84	239.0	179.2	260.4	146.5	Weight	0.2Kg
50000	375.64	245.7	184.3	267.7	150.6	Exit Pupil Aperture	8-18 (mm)
100000	377.03	246.6	184.9	268.6	151.1	MDR	10
infinity	378.43	247.4	185.6	269.6	151.6	Wavelength	420-900 nm

Lontry®	DESIGN		pb		2020/4/26		MACHINE MODEL:					
	CHECKED											
INFORMATION HEREIN SHALL NOT BE REPRODUCED IN ANY FORM WITHOUT COLIBRI WRITTEN PERMISSION			APPROVED						TITLE: RL1045 SPECIFICATION			
			MATERIAL:									
TOLERANCE CLASS NOT SPECIFIED							QTY		-		TREATMENT	
Dimensional tol./Masstol. ISO 2768-1:1989			tol.-class/Tol.		SIZE		A3		UNIT		mm	
Geometrical tol./Form-u. Lagetol. ISO 2768-2:1989			tol.-class/Tol.		SCALE		1:1		WT (kg)		0.02	
									DWG/N		REV.	
											SHEET	
											1/1	