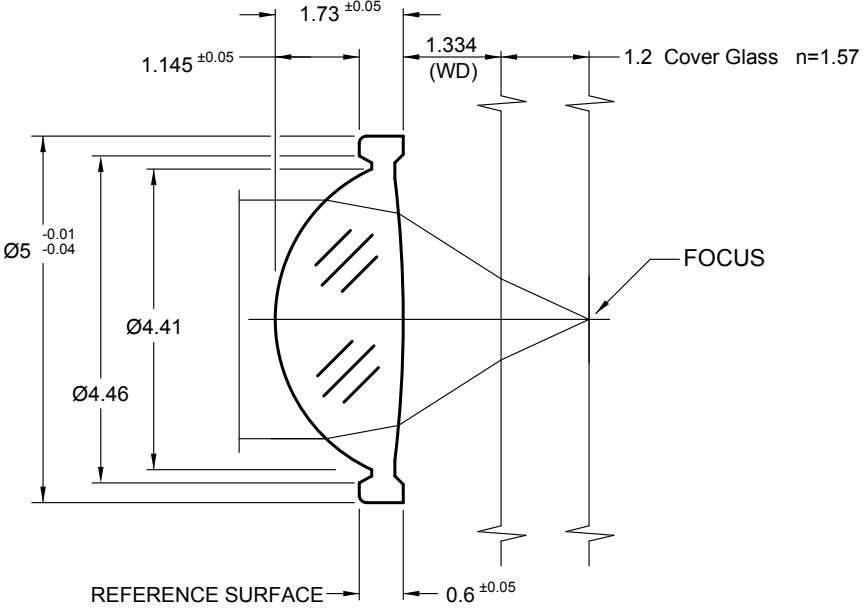


REV  
-  
SHT  
1  
300-0330-780  
DWG NO.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

**SCHEMATIC DIAGRAM:**



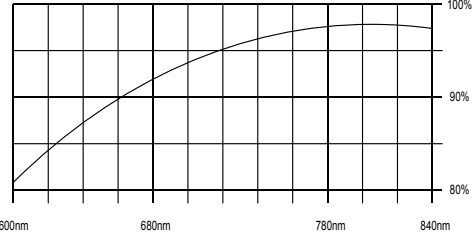
**SPECIFICATIONS:**

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS

**OBJECTIVE LENS, PLASTIC ASPHERE**

1. WAVELENGTH: 660nm / 785nm
2. FOCAL LENGTH: 3.05mm / 3.07mm
- 3a. BACK FOCAL LENGTH w/ 0.6 Cover Glass: 2.28mm (@660nm)
- 3b. BACK FOCAL LENGTH w/ 1.2 mm Cover Glass: 2.534 (@785nm)
4. NUMERICAL APERTURE: 0.662 / 0.53
5. CLEAR APERTURE: Ø4.04mm / Ø3.254mm
6. F#: 0.775 / 0.943
7. WORKING DISTANCE: 1.68mm / 1.334mm
8. IMAGE/OBJECT DISTANCE: INFINITE
9. TRANSMISSION: >95 % (No AR coating)
10. COVER GLASS THICKNESS: 0.6 n=1.58 / 1.2 n=1.57
11. WEIGHT: <0.018 grams
13. WORKING TEMPERATURE: -10°C TO +65°C

**AR COATING**



LENS TRANSMISSION VS. WAVELENGTH

CLASSIFICATION PRODUCTION	
CONTRACT/FILENAME 3000330.DWG	
DRAWN BY RS	DATE 06JUL15
APPROVED BY	DATE
GENERAL TOLERANCE: ±0.1	

<b>OPTIMA PRECISION INC.</b>			
<b>ASPHERIC PLASTIC OBJECTIVE LENS</b>			
<b>A</b>	FMSC NO	DRAWING NO <b>300-0330-780</b>	REV --
SCALE 10x	071815	SHEET 1 OF 1	