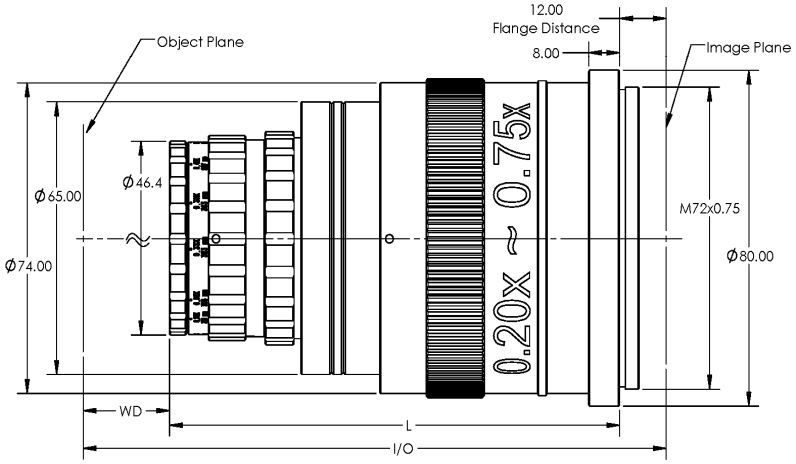
LS60/4.0 0275 M72x0.75



Technical Specifications

Focal Length	60mm
FNO	4 ~ 22
Image Circle	60mm
Magnification	0.2x ~ 0.75x
Trasmission	400 ~ 700nm
Mount	M72x0.75
Weight	631g

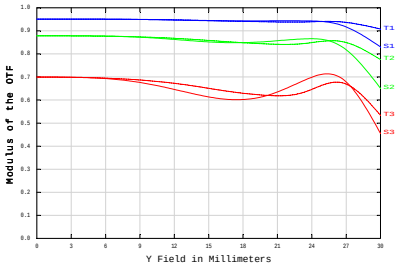
MTF with reference to image height for visible spectrum

Wavelength λ	[nm]:	656	587	546	486	435
Spectral weighting	[%]:	15	20	30	25	10
Spatial frequency R	[1/mm]:	10	20	40		
Image circle	[mm]:	60				

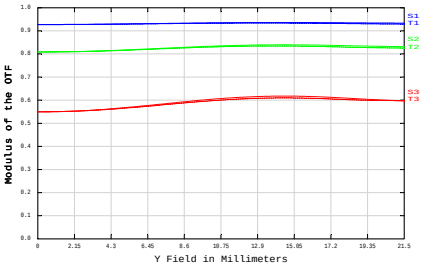
10
20
40

F4.0

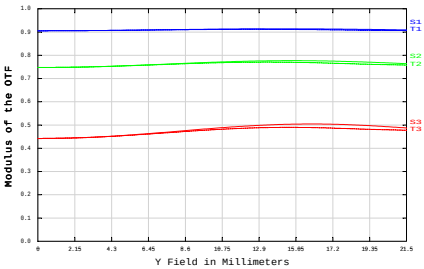
0.2x WD=328mm



0.5x WD=148mm

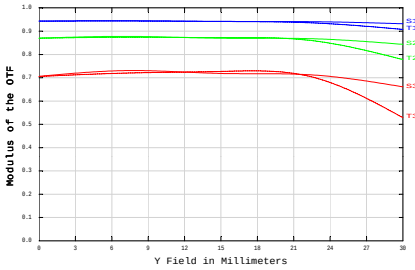


0.75x WD=108mm

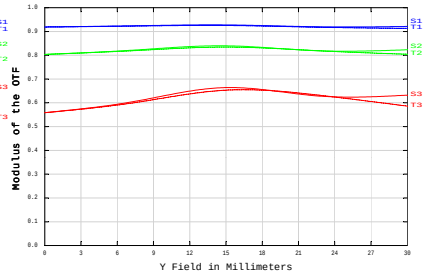


F5.6

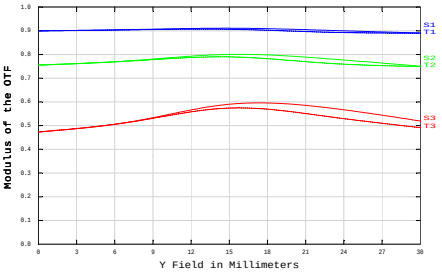
0.2x WD=328mm



0.5x WD=148mm

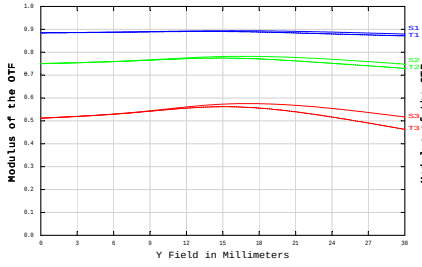


0.75x WD=108mm

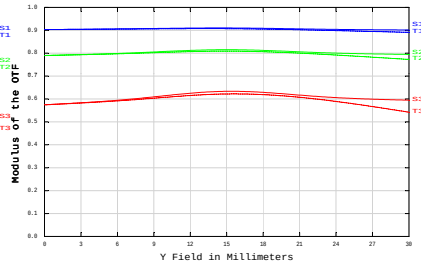


F8.0

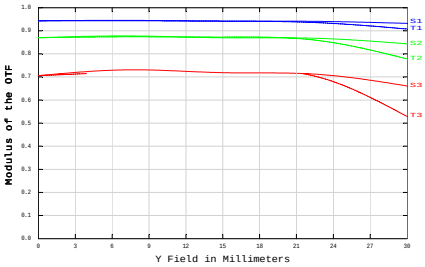
0.2x WD=328mm



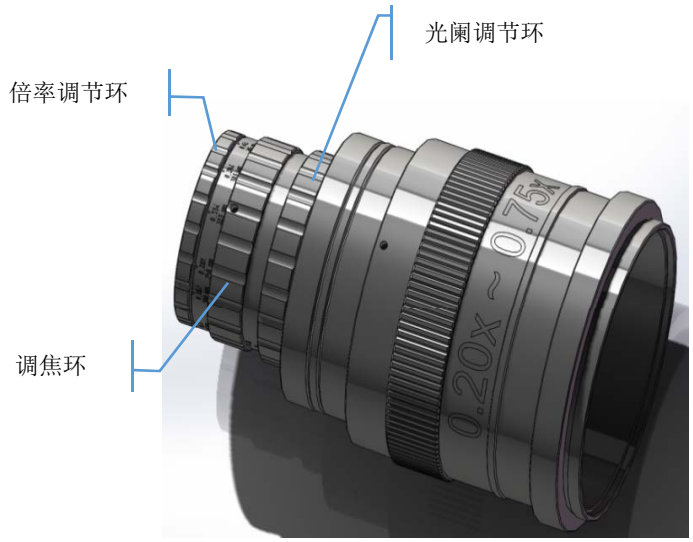
0.5x WD=148mm

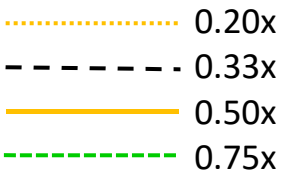


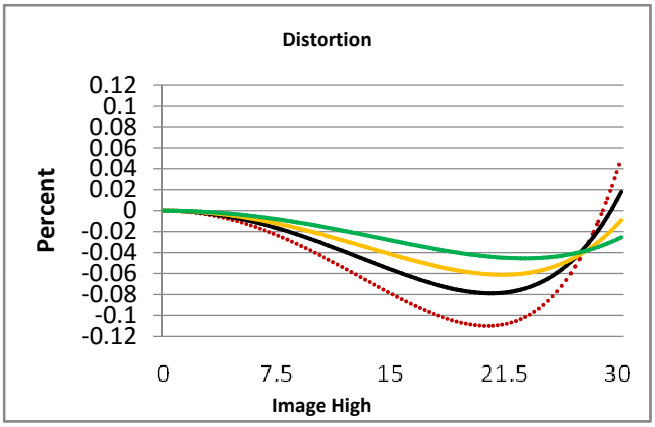
0.75x WD=108mm

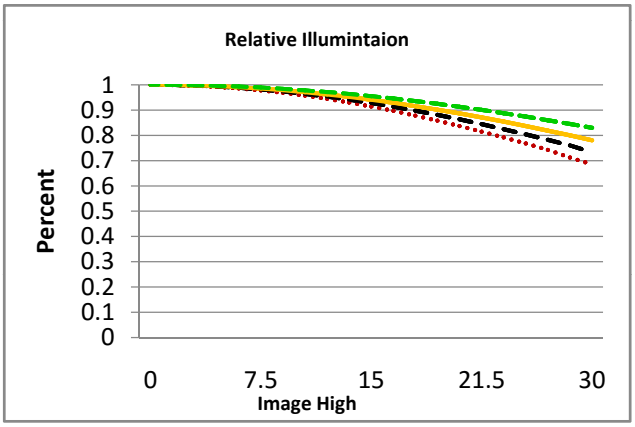


LS60/4.0 0275 M72x0.75









倍率（β）	共轭距（I/O）	工作距（WD）	镜头长度（L）	Φ43.27 视场	Φ57 视场	Φ60 视场
0.20x	437	328	97	216.4	285.0	300.0
0.25x	380	269	99	173.1	228.0	240.0
0.28x	356	243	101	154.5	203.6	214.3
0.33x	323	206	105	131.1	172.7	181.8
0.39x	303	182	109	110.9	146.2	153.8
0.45x	287	163	112	96.2	126.7	133.3
0.50x	276	148	116	86.5	114.0	120.0
0.60x	262	128	122	72.1	95.0	100.0
0.65x	257	120	125	66.6	87.7	92.3
0.75x	251	108	131	57.7	76.0	80.0

镜头使用说明

1. 根据物体大小 芯片大小 计算倍率， **倍率** = 芯片宽度/物体长度。计算时候注意留有余量，比如物体尺寸100mm 可以按照110mm计算倍率，具体视情况而定。
2. 根据计算出的**倍率**，转动**倍率调节环**到相应的位置，如果不是上图的倍率，则调节到大概位置，并锁定倍率环，如果**改变倍率**或者工作距离**倍率调节环**要**重新**调节。
3. 将镜头安装到到相机上。
4. 转动**调焦环**调清楚图像。
5. 根据外界光线或者景深要求调节**光阑调节环**到需要位置。缩小光圈也可以使图像更加清晰