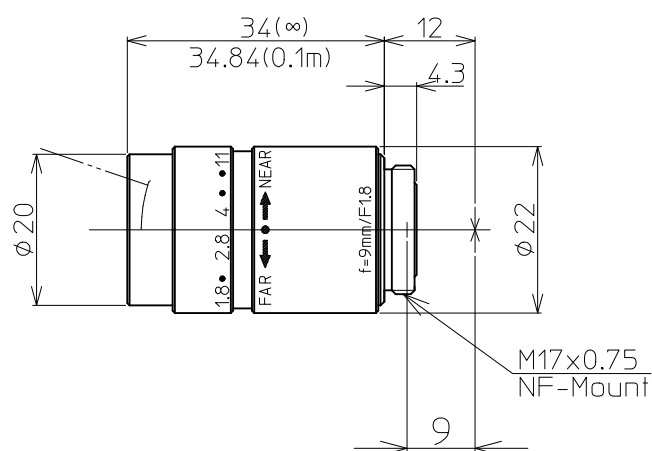




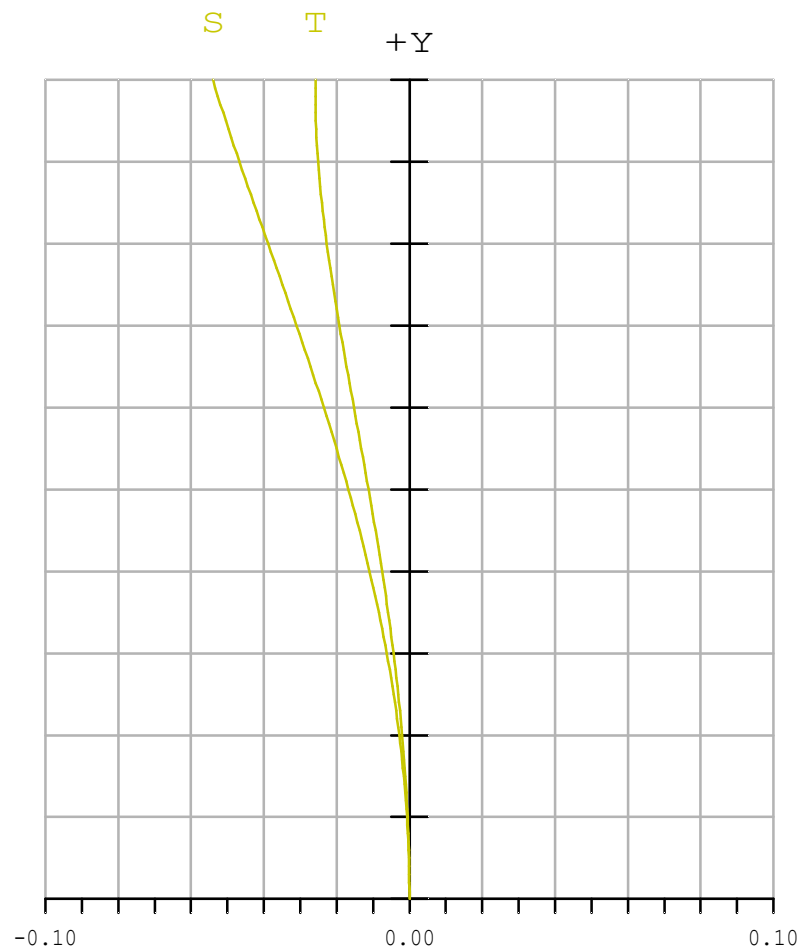
|                                                |            |                                       |  |  |
|------------------------------------------------|------------|---------------------------------------|--|--|
| 1/3" 1.8/9mm NF                                |            | 1/3"                                  |  |  |
| FOCAL LENGTH                                   |            | f=9mm                                 |  |  |
| MAX. DIAMETER (RATIO)                          |            | F=1:1.8~11                            |  |  |
| PICTURE SIZE                                   |            | 3.6x4.8mm                             |  |  |
| ANGLE                                          | VER. ANGLE | 22.8°                                 |  |  |
|                                                | HOR. ANGLE | 30.2°                                 |  |  |
|                                                | DIA. ANGLE | 37.6°                                 |  |  |
| DISTORTION (TV)                                |            | -0.6%                                 |  |  |
| SHOOTING RANGE AT<br>MINIMUM FOCUS<br>DISTANCE | VER.       | 43.3mm                                |  |  |
|                                                | HOR.       | 58.1mm                                |  |  |
|                                                | DIA.       | 73.1mm                                |  |  |
| MINIMUM FOCUS DISTANCE                         |            | 0.1m                                  |  |  |
| FLANGE BACK                                    |            | 12mm in air                           |  |  |
| BACK FOCUS                                     |            | 8.6mm in air                          |  |  |
| FILTER SCREW SIZE                              |            | -----                                 |  |  |
| FRONT/REAR EFFECTIVE DIA.                      |            | FRONT $\phi$ 11.8mm REAR $\phi$ 8.3mm |  |  |
| MOUNT                                          |            | NF-MOUNT (M17x0.75)                   |  |  |
| EXIT PUPIL                                     |            | -28.5mm                               |  |  |
| TEMPERATURE RANGE                              |            | -10~+50°C                             |  |  |
| STORAGE TEMPERATURE RANGE                      |            | -20~+60°C                             |  |  |
| WEIGHT                                         |            | 40 g                                  |  |  |

NOTE: Specifications and availability are subject to change without notice  
 注) 本仕様については、予告なしに変更する場合があります。



|            |       |             |                 |          |        |
|------------|-------|-------------|-----------------|----------|--------|
|            |       | 尺<br>度      | 1/1             | 工場<br>番号 | NF1057 |
|            |       | 機<br>種<br>名 | 1/3" F1.8 f=9mm |          |        |
| 2013.11.25 | 更新    | 機<br>種<br>番 | LM9NF 外観図       |          |        |
| 2013.4.15  | 作成年月日 |             |                 |          |        |

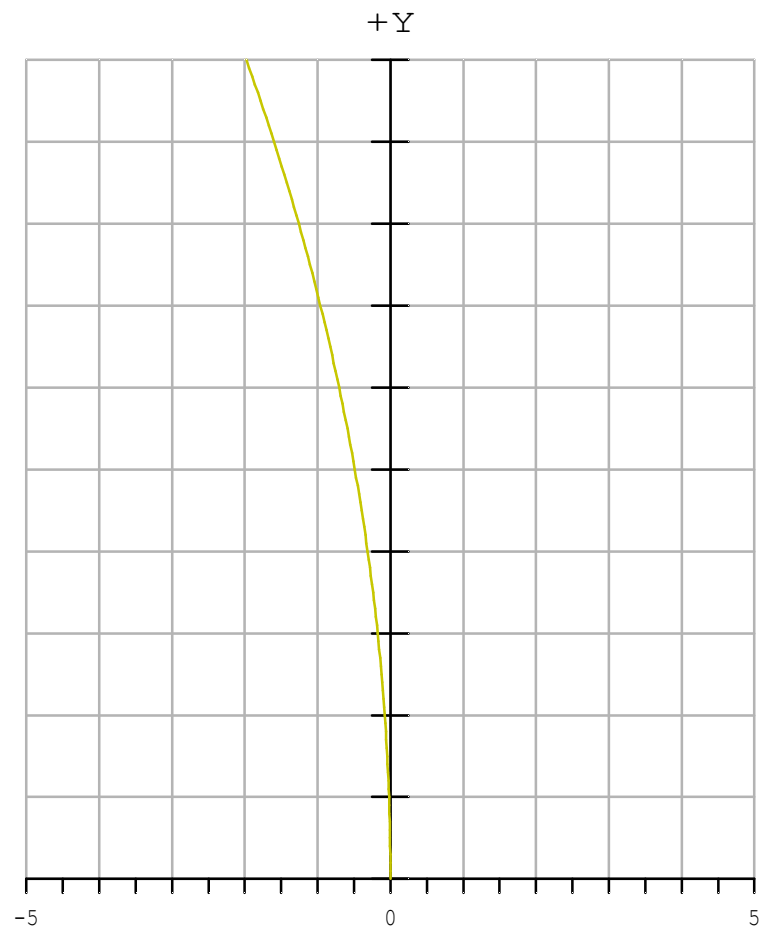
Field Curvature



Millimeters

Field units changed to field angle

Distortion



Percent

Field Curvature / F-Tan(Theta) Distortion

LM9NF (9mm F1.8) WD=300mm

Maximum Field is 18.629 Degrees.

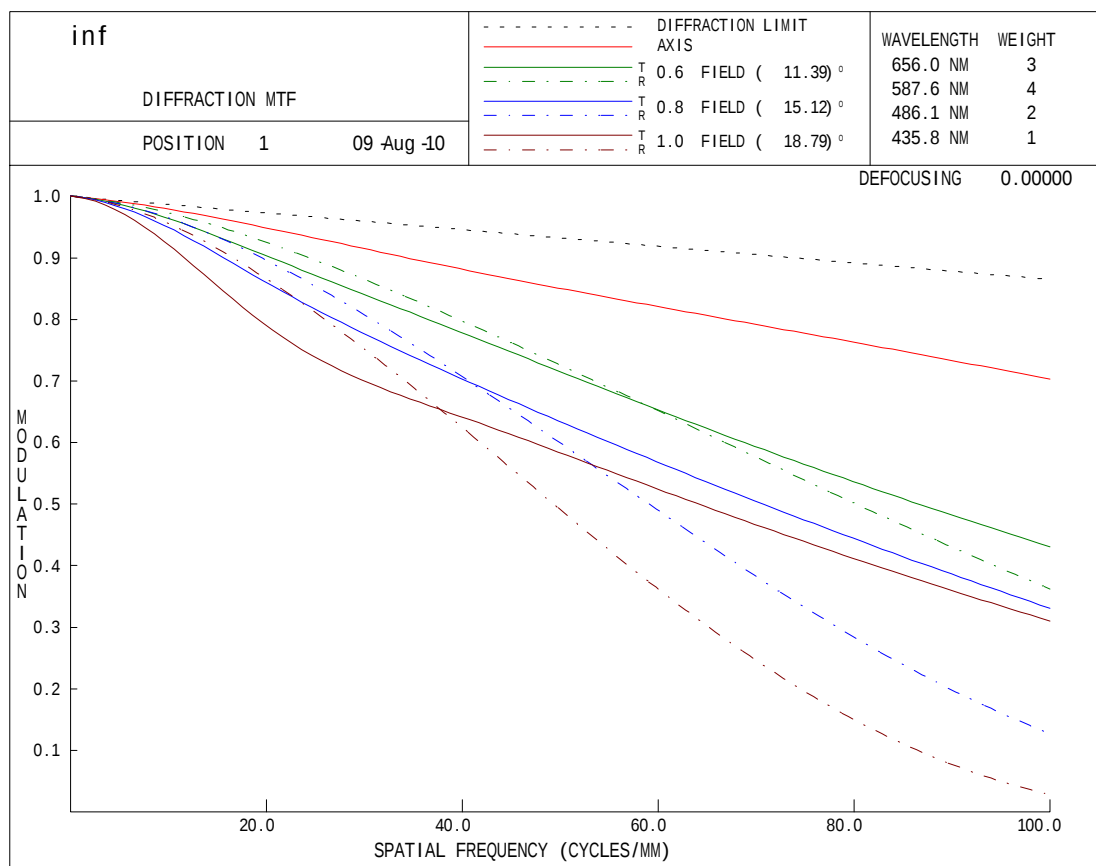
Wavelengths: 0.588



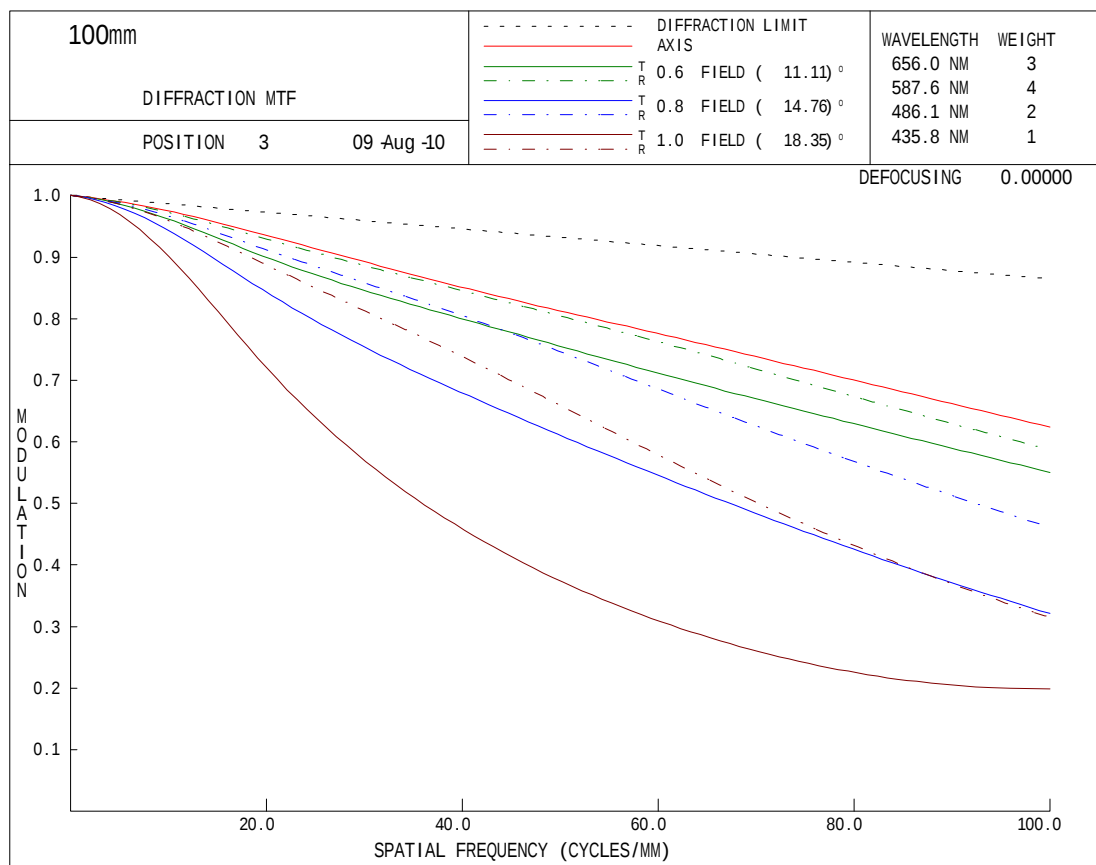


# S 1 0 - 2 4 1 ( L M 9 N F )

Object :  $\infty$



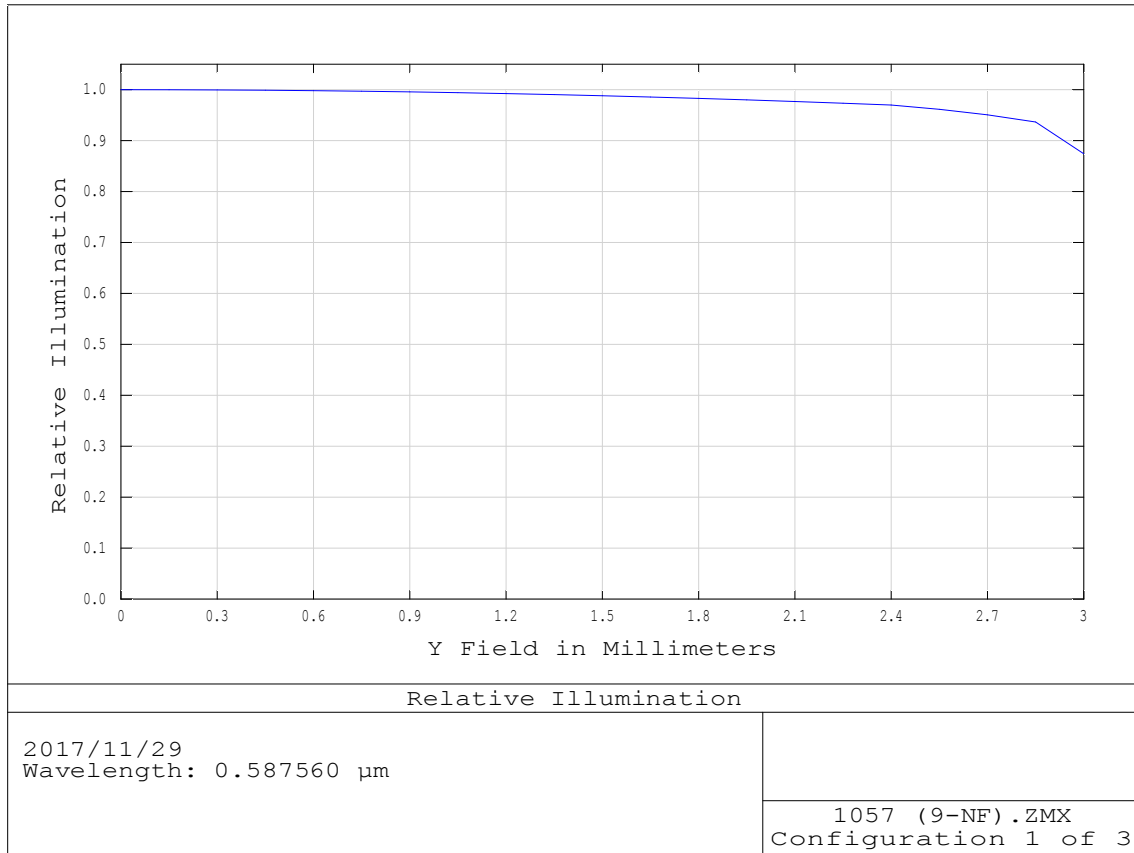
Object : 0.1m



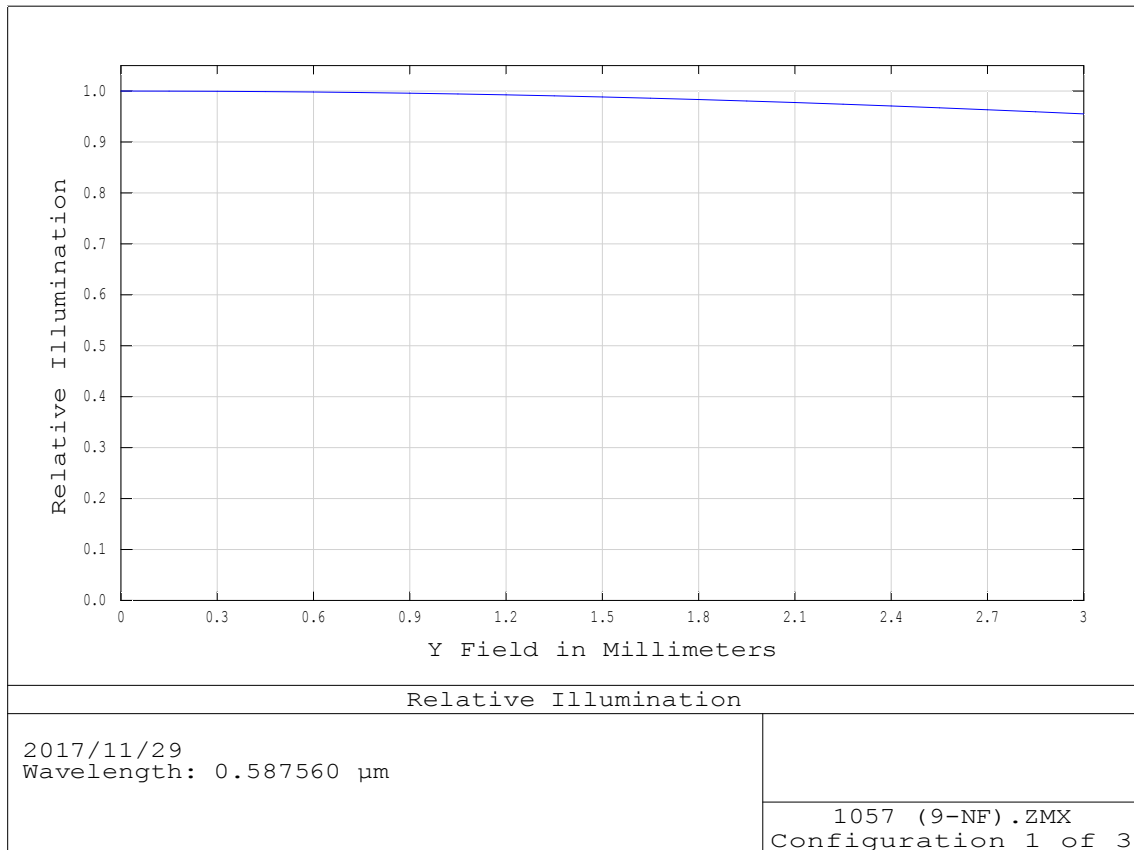


LM9NF

### Relative illumination F1.8

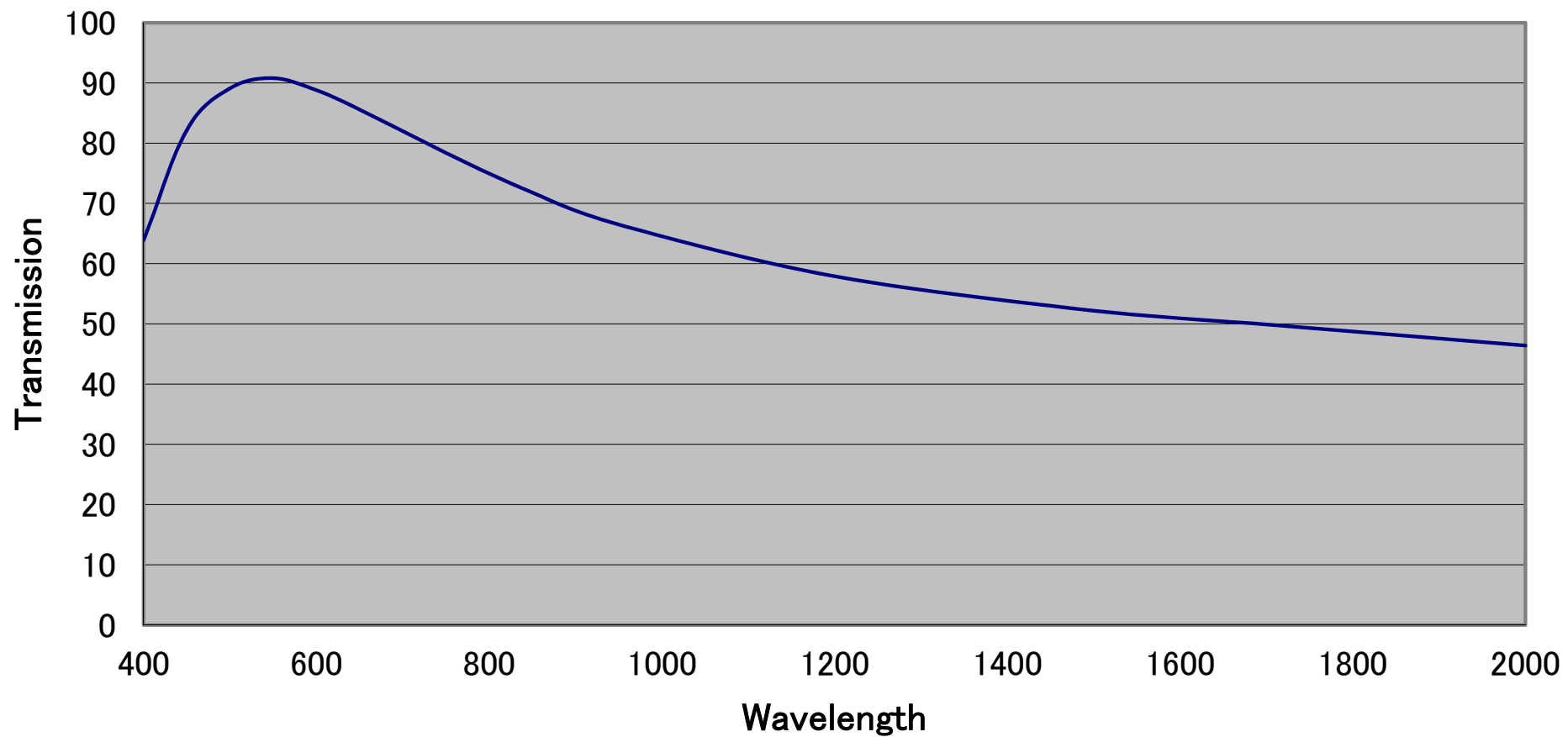


### Relative illumination F5.6





## LM9NF





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