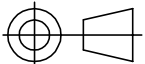


| Optical Spec |                                   |                    |                   | Notice                                   |   |              |            |                  |
|--------------|-----------------------------------|--------------------|-------------------|--|---|--------------|------------|------------------|
| Mag.         | $\times 5 \pm 0.15$ ( $\pm 3\%$ ) | Resolution         | 6.7 $\mu\text{m}$ | Compatible Camera : $\leq \frac{2}{3}$ " | CoC 40 $\mu\text{m}$  | SCALE        | DATE       | MODEL NAME       |
| W.D.         | 109.5 $\pm 3.29$ mm               | Optical Distortion | 0.69 %            | Calculation conditions                   | D.O.F. = 0.16 mm  |              |            |                  |
| Eff. F.No.   | 50.0                              | TV Distortion      | 0.22 %            | Compatible pixel : 10 $\mu\text{m}$      |  THIRD ANGLE PROJECTION<br>UNIT : mm | <b>1 : 1</b> | 2015.06.23 | <b>TV-5F-110</b> |
| N.A.         | 0.050                             |                    |                   | Correspond $\lambda$ : 550 nm            |   |              |            |                  |
| D.O.F.       | 0.19 mm                           |                    |                   | Correct Iris Stop : $\phi$ mm            |   |              |            |                  |