

DATA SHEET

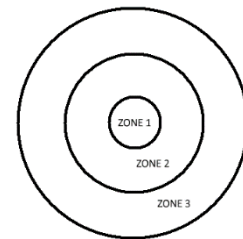
TECHNICAL PARAMETERS: **Image Intensifier Tube**



| P43 Phosphor (Green-Yellow) | | | | |
|--|---------------|----------------------|-------|-----------------------|
| Parameter | | Possible Range Value | | Actual Measured Value |
| | | Min | Max | |
| Line Pair Resolution | (lp/mm) | 72 | - | 72 |
| Signal To Noise Ratio | (SNR) | 28 | - | 31,5 |
| Figure of Merit | (FOM) | > 1600 | - | 2268 |
| luminous sensitivity | | 2150 | - | 2520 |
| radiant sensitivity @850nm | (mA/Wt) | 200 | - | 260 |
| Gain | | 35000 | 60000 | 50000 |
| Equivalent Background Illumination | (EBI) | - | 0.25 | 0,02 |
| Screen Automatic Brightness Correction | (@ABC, cd/m2) | 2 | 14 | 6,2 |

Field of view cleanness and quality control:

| Spots Blemish (in mm) | ZONE 1 Circle Diameter < 6mm | ZONE 2 Circle Diameter 6 mm – 14.5 mm | ZONE 3 Circle Diameter 14.5 mm – 18 mm |
|-----------------------|------------------------------------|---|--|
| < 0.075 | 0 | 0 | 0 |
| 0.075 – 0.150 | 0 | 2 | 2 |
| 0.150 – 0.200 | 0 | 1 | 1 |
| > 0.200 | 0 | 0 | 0 |



ACCEPTANCE REPORT

Image Intensifier Tube individual number



ready for operation after passing quality control tests

Signature

20.09.2013

Inspection Date
QCD Stamp