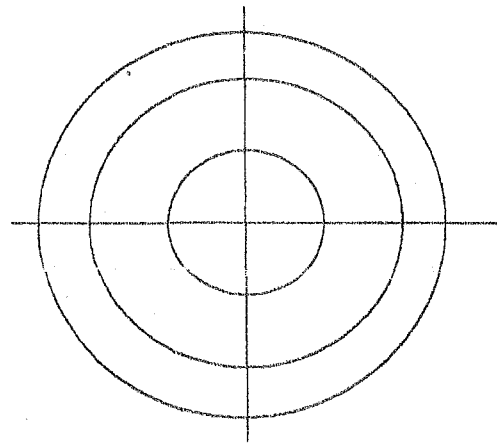


QUALITY CONFORMANCE INSPECTION TEST DATA SHEET
 IMAGE INTENSIFIER ASSEMBLY P/N # PP-01812ZA-A

DATE 23.06.2005	APPROVED QC/07 APPROVED	ASSEMBLY SERIAL NO 22668
		GROUP A-TABLE 18 mm GEN II+

PHOTOCATHODE ,MCP,SCREEN
 QUALITY



TEST	MIN	MAX	ACTUAL	UNITS
LUMINOUS SENSITIVITY AT 2856°K±50°K	240		395	µA/lm
LUMINANCE GAIN AT 2X10 ⁻⁶ fc	7,500	15,000	13275	fL/fcd
INPUT CURRENT		16	12	mA
CENTER/EDGE RESOLUTION	32/28		32/28	lp/mm

COMMENTS: F.P.N. C.W. D.S. O.K.

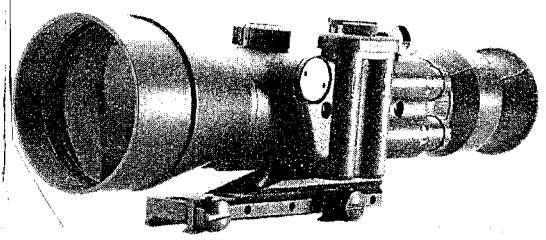
SPOT SIZE (Inch)	INNER CIRCLE		INNER ANNULUS		OUTER ANNULUS	
	LIMIT	ACTUAL	LIMIT	ACTUAL	LIMIT	ACTUAL
>.015	0		0		0	
>.012to. 015	0		1		2	
>.009to. 012	0		5		8	1
>.006to. 009	1		9		23	
>.003to. 006	3		35		35	

NO FILED EMISSIONS GREATER THAN
 BACKGROUND SCINTILLATIONS

Advanced Night Vision Weapon Sight

D-740/760

User's guide



Night Optics USA, Inc.

TECHNICAL SPECIFICATIONS

D-740

Image Intensifier	Generation 2+/3 US
Resolution	28 to 38 lp/mm (G2+) 51 to 64 lp/mm (G3)
Magnification	4x
Lens System	100mm f1.5 (D-740)
FOV	10°
@1000 yards	374'
@1000 meters	175 m
Range of Focus	33' to infinity / 10 m to infinity
Detection Range	984' (G2+)/1395' (G3) 300 m (G2+)/425 m (G3)
Recognition Range	740' (G2+)/1148' (G3) 225 m (G2+)/350 m (G3)
Reticule Type	Mil-Dot (Illuminated red-on-green)
Windage/Elevation Adj. @100 yards	¼ MOA per click ½" per click
Diopter Adj.	+3 to -4
Weather Resistant	Water Proof
Camera/Camcorder Adaptable	No
IR Illuminator	Yes (optional)
Battery Type/Life	AA(x2)/60 hours
Dimensions	9" x 3.5" x 4" 229mm x 89mm x 102mm
Weight	38 oz / 1.1 kg
Operating Temperature	-40° F to 122° F / -40°C to +50°C
Warranty	2 years