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REV	REVISION DESCRIPTION	ECN	DATE	APPROVAL
C	IMPLEMENTED CHANGES PER EMD #49	3-1726	5/23/97	DAB
D	190-300 FOOTCANDLES WAS 125 MINIMUM	3-2331	2/17/00	DAB
E	RELEASED IN SAP ADDED TO STEP 7	1012682	11/12/07	RAD

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|-------------------------------|---|
| 1. LAMP TYPE | REFLECTORIZED LAMP (ELLIPTICAL), C-6 FILAMENT, GAS FILLED |
| 2. RATED VOLTAGE | 3.50 ±.01 VOLTS D.C. |
| 3. CURRENT | .575 ±5% AMPS |
| 4. COLOR TEMPERATURE | 3120 °K AT FILAMENT CENTER COILS OUTER DIAMETER USING A TELESCOPING OPTICAL PYROMETER |
| 5. MEAN SPHERICAL CANDLEPOWER | 1.9 ±12% MSCP (WIRE TERMINAL LAMP IN A 20" INTEGRATING SPHERE) |
| 6. FOCAL DISTANCE | .50" ±.05" FROM THE REFLECTOR RIM |
| 7. END LIGHT OUTPUT | WITH THE REFLECTOR RIM .50" FROM A .050" DIA. APERTURE AND .50" FROM THE APERTURE TO THE COSINE SURFACE OF THE EG&G COSINE PHOTOMETRIC PROBE, THE LIGHT OUTPUT SHALL BE 190-330 FOOTCANDLES. THIS MEASUREMENT SHALL BE PERFORMED USING AN EG&G MODEL 550 RADIOMETER/PHOTOMETER SYSTEM EQUIPPED WITH A 550-18 COSINE PHOTOMETRIC PROBE OR EQUIVALENT |
| 8. DESIGN LIFE | 250 HOURS AVERAGE (LAB RATED) |
| 9.SPOT SIZE | AT A DISTANCE OF .50" FROM THE REFLECTOR RIM, THE SPOT SHALL FILL A .13 ±.02" DIA. CIRCLE WHICH IS LOCATED ON AXIS TO THE REFLECTOR. |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN PMB	DATE 5/6/93	WELCH ALLYN, INC. SKANEATELES FALLS, NY U.S.A.		
TOLERANCES ON:			CHECKED RAD	5/6/93			
BASIC DIMENSION	.XX	.XXX	APPROVED DAB	5/7/93	TITLE: LAMP SPECIFICATIONS FOR 7103-001		
UP TO 6	±.02	±.005	REL. FOR PROD. DAB	5/7/93	CODE IDENT 64475	DRAWING NO. 16300250-U	REV. E
ABOVE 6 TO 24	±.03	±.010			SCALE		SHEET OF
ABOVE 24	±.06	±.015					
ANGLES ± 1/2 DEGREE			DO NOT SCALE				