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REV	REVISION DESCRIPTION	ECN	DATE	APPROVAL
B	RELEASE 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 | 5.00 ±.01 VOLTS D.C. |
| 3. CURRENT | .970 ±5% AMPS |
| 4. COLOR TEMPERATURE | 2800 °K AT FILAMENT CENTER COILS OUTER DIAMETER USING A TELESCOPING OPTICAL PYROMETER |
| 5. MEAN SPHERICAL CANDLEPOWER | 3.3 ±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 A MINIMUM OF 176 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 | 10,000 HOURS AVERAGE (LAB RATED) |
| 9.SPOT SIZE | AT A DISTANCE OF .50" FROM THE REFLECTOR RIM, THE MINOR DIAMETER OF THE OVAL SPOT SHALL BE .150" MINIMUM DIA. WHICH IS LOCATED ON AXIS TO THE REFLECTOR. SPOT SIZE IS DETERMINED BY THE POINT AT WHICH 50% OF THE CENTER INTENSITY IS REACHED. |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN PMB	DATE 5/25/94	WELCH ALLYN, INC. SKANEATELES FALLS, NY U.S.A.			
TOLERANCES ON:			CHECKED RAD	5/25/94				TITLE: LAMP SPECIFICATIONS FOR 7104-002
BASIC DIMENSION	.XX	.XXX	APPROVED WKM	5/25/94	CODE IDENT 64475	DRAWING NO. 16300294-U	REV B	
UP TO 6	±.02	±.005	REL. FOR PROD. DAB	5/27/94	SCALE		SHEET OF	
ABOVE 6 TO 24	±.03	±.010	DO NOT SCALE					
ABOVE 24	±.06	±.015						
ANGLES ± 1/2 DEGREE								