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REV	REVISION DESCRIPTION	ECN	DATE	APPROVAL
A	240 FOOTCANDLES WAS 24	3-0528	7/24/87	DAB
B	RELEASE IN SAP ADDED TO STEP 7	1012683	11/13/07	RAD

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| 1. LAMP TYPE | LENSED END, C-6 FILAMENT, TUNGSTEN-HALOGEN REGENERATIVE CYCLE |
| 2. RATED VOLTAGE | 2.60 ±.01 VOLTS D.C. |
| 3. CURRENT | .850 ±5% AMPS |
| 4. COLOR TEMPERATURE | 2840 °K AT FILAMENT CENTER COILS OUTER DIAMETER USING A TELESCOPING OPTICAL PYROMETER |
| 5. MEAN SPHERICAL CANDLEPOWER | .95 ±15% MSCP (WIRE TERMINAL LAMP IN A 20" INTEGRATING SPHERE) |
| 6. SPOT SIZE | .125 NOMINAL DIAMETER MEASURED IN A TRANSVERSE PLANE TANGENT TO THE LENS |
| 7. END LIGHT OUTPUT | THROUGH A .125 DIA. APERTURE .050" FROM THE LAMP LENS SURFACE AND WITH THE LAMP 1.500 ±.030 FROM THE DETECTOR SURFACE, THE LIGHT OUTPUT SHALL BE A MINIMUM OF 240 FOOTCANDLES. THIS MEASUREMENT SHALL BE PERFORMED USING AN EG&G MODEL 550 RADIOIMETER/PHOTOMETER SYSTEM EQUIPPED WITH A 550-18 COSINE PHOTOMETRIC PROBE OR EQUIVALENT |
| 8. DESIGN LIFE | 3000 HOURS AVERAGE (LAB RATED) |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN	DATE	WELCH ALLYN, INC. SKANEATELES FALLS, NY U.S.A.				
TOLERANCES ON:			PMB	9/4/85				TITLE: LAMP SPECIFICATIONS FOR 998418-5	
BASIC DIMENSION	.XX	.XXX	CHECKED		CODE IDENT	DRAWING NO.	REV.		
UP TO 6	±.02	±.005	APPROVED	RAD	9/13/85	64475	A	16300088-U	B
ABOVE 6 TO 24	±.03	±.010	REL. FOR PROD.	DAB	11/7/86				
ABOVE 24	±.06	±.015		DAB	11/7/86	DO NOT SCALE			
ANGLES ± 1/2 DEGREE									