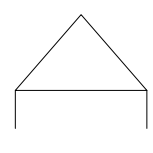


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		16300277		
REV	REVISION DESCRIPTION	ECN	DATE	APPROVAL

1. LAMP TYPE	REFLECTORIZED LAMP (ELLIPTICAL), C-6 FILAMENT, HALOGEN REGENERATIVE CYCLE
2. RATED VOLTAGE	6.27 ±.01 VOLTS D.C.
3. CURRENT	1.44 ±5% AMPS
4. COLOR TEMPERATURE	3335 °K AT FILAMENT CENTER COILS OUTER DIAMETER USING A TELESCOPING OPTICAL PYROMETER
5. MEAN SPHERICAL CANDLEPOWER	14.7 ±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 200 FOOTCANDLES. THIS MEASUREMENT SHALL BE PERFORMED USING AN EG&G MODEL 550 RADIOMETER/PHOTOMETER SYSTEM EQUIPPED WITH A 550-18 COSINE PHOTOMETRIC PROBE
8. DESIGN LIFE	60 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 .180" 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 1/31/94	WELCH ALLYN, INC. SKANEATELES FALLS, NY U.S.A.			
TOLERANCES ON:			CHECKED RAD	1/31/94				
BASIC DIMENSION	.XX	.XXX	APPROVED WKM	1/31/94	TITLE: LAMP SPECIFICATIONS FOR 8103-001			
UP TO 6	±.02	±.005	REL. FOR PROD. DAB	2/1/94				
ABOVE 6 TO 24	±.03	±.010	DO NOT SCALE		CODE IDENT 64475		DRAWING NO. 16300277	REV.
ABOVE 24	±.06	±.015			SCALE			
ANGLES ± 1/2 DEGREE							SHEET	OF