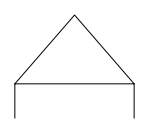


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			16300436		A
REV	REVISION DESCRIPTION	ECN	DATE	APPROVAL	
A	RELEASE TO PROD.	3-1958	7/17/98	DAB	

1. LAMP TYPE	MR11 REFLECTORIZED LAMP WITH MINIATURE 2-PIN, C-6 FILAMENT, TUNGSTEN HALOGEN REGENERATIVE CYCLE
2. RATED VOLTAGE	12.0 ±.01 VOLTS D.C.
3. CURRENT	1.70 ±5% AMPS
4. COLOR TEMPERATURE	3070 °K AT FILAMENT CENTER COILS OUTER DIAMETER USING A TELESCOPING OPTICAL PYROMETER
5. MEAN SPHERICAL CANDLEPOWER	33.0 ±12% MSCP (2-PIN LAMP IN A 20" INTEGRATING SPHERE)
6. END OUTPUT	WITH THE REFLECTOR RIM 3.0" FROM A .250" 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 1700 FOOTCANDLES. THIS MEASUREMENT SHALL BE PERFORMED USING AN EG&G MODEL 550 RADIOMETER/PHOTOMETER SYSTEM EQUIPPED WITH A 550-18 COSINE PHOTOMETRIC PROBE
7. DESIGN LIFE	2500 HOURS AVERAGE (LAB RATED)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN P BARAN	DATE 7/14/98	WELCH ALLYN, INC. SKANEATELES FALLS, NY U.S.A.				
TOLERANCES ON:			CHECKED R DEAN	7/16/98					
BASIC DIMENSION	.XX	.XXX	APPROVED D WITTER	7/16/98	TITLE: LAMP SPECIFICATION FOR 8311-003				
UP TO 6	±.02	±.005	REL. FOR PROD. D BELL	7/17/98					
ABOVE 6 TO 24	±.03	±.010	DO NOT SCALE		CODE IDENT 64475		DRAWING NO. 16300436	REV. A	SHEET OF
ABOVE 24	±.06	±.015			SCALE				
ANGLES ± 1/2 DEGREE									