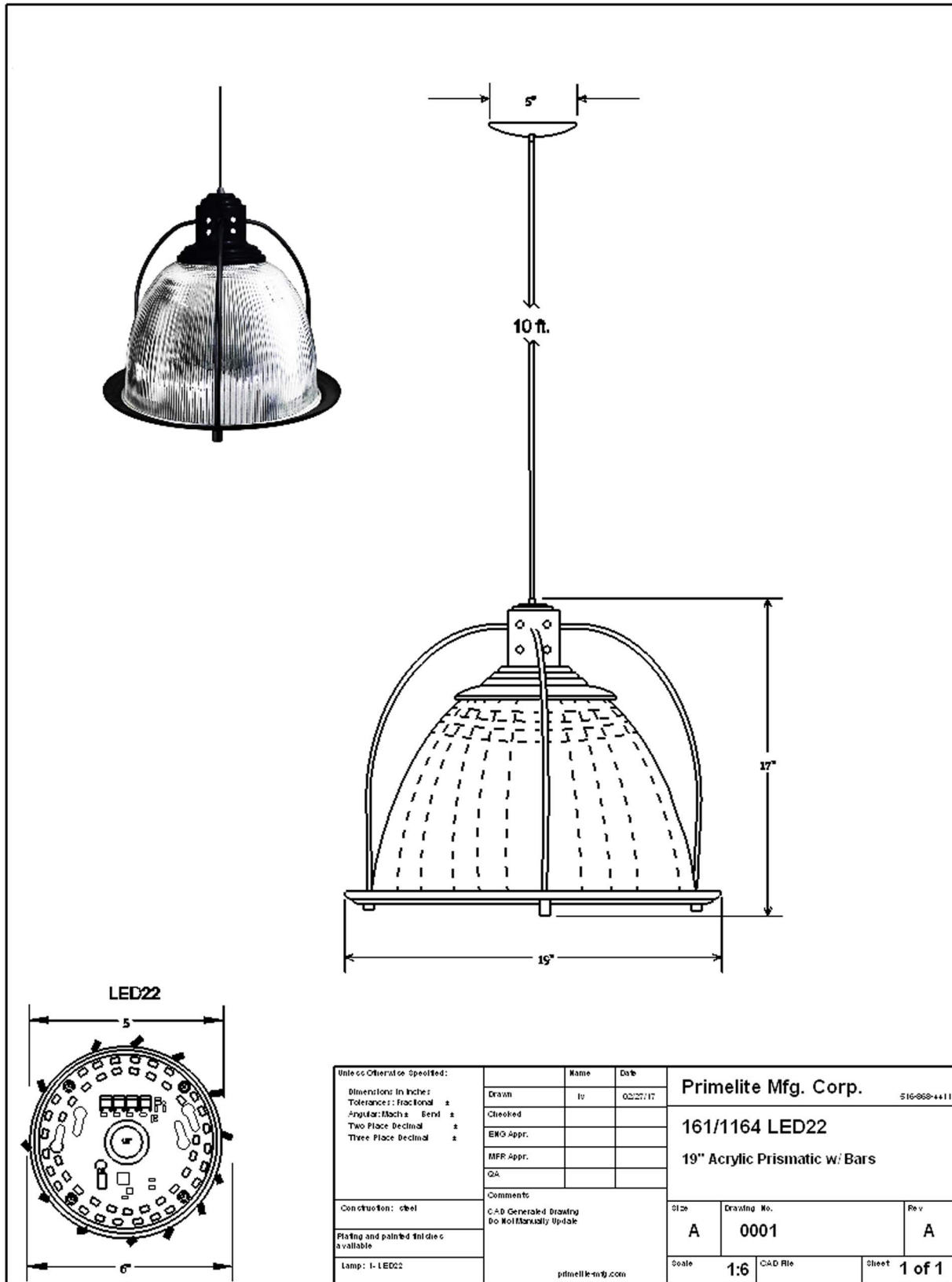


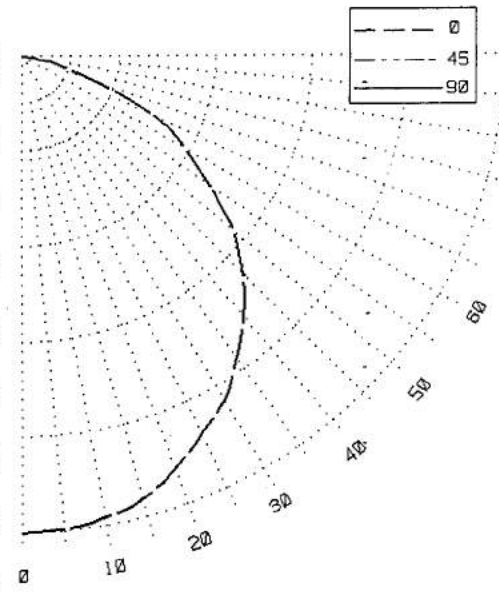
#161/1164 LED22 PHOTOMETRICS



Primelite
MANUFACTURING CORP
"PROUDLY MADE IN THE USA"

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	648.	
5	645.	61.6
10	637.	
15	624.	176.8
20	599.	
25	569.	263.5
30	542.	
35	502.	315.5
40	464.	
45	420.	325.6
50	371.	
55	308.	276.6
60	253.	
65	201.	199.2
70	116.	
75	55.	58.5
80	25.	
85	10.	11.2
90	2.	



SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	502.	NA.	29.7	90-120	0.	NA.	.0
0- 40	817.	NA.	48.4	90-130	0.	NA.	.0
0- 60	1420.	NA.	84.1	90-150	0.	NA.	.0
0- 90	1688.	NA.	100.0	90-180	0.	NA.	.0
TOTAL LUMINAIRE =				0-180	1688.	NA.	100.0

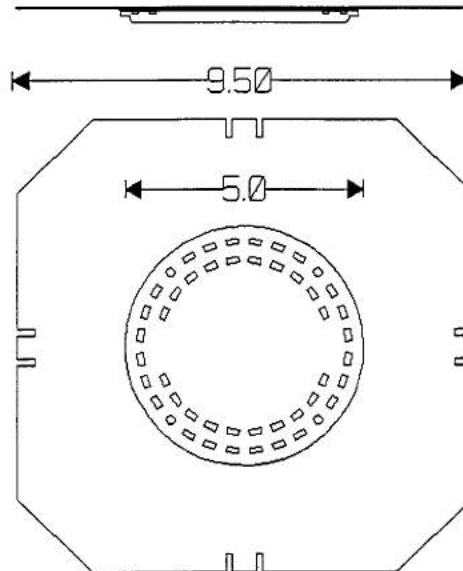
IES SPACING CRITERIA: ADJACENT= 1.2 DIAGONAL= .9

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

ELECTRICAL CHARACTERISTICS 120.0V .1717A 20.0363W

LUMINOUS EFFICACY (LUMENS / WATTS) = 84.2

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08



LUMINANCES-CD/SQ-M
HORIZONTAL ANGLE
0

VERT
ANGLE
45
55
65
75
85

46576.
42106.
37190.
16750.
9194.

MAXIMUM BRIGHTNESSES NOT MEASURED

ZONAL CAVITY COEFFICIENTS OF UTILIZATION
EFFECTIVE FLOOR CAVITY REFLECTANCE=.20

CEILING	.80				.70				.50				.30				.10				.00
WALL	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
RCR																					
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.02	1.00
1	1.11	1.07	1.03	1.00	1.08	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.89	.89	.89	.87
2	1.02	.95	.89	.84	1.00	.93	.88	.83	.90	.85	.81	.86	.83	.79	.83	.80	.78	.78	.78	.78	.76
3	.94	.85	.77	.72	.92	.83	.76	.71	.80	.74	.70	.78	.73	.69	.75	.71	.67	.67	.67	.67	.65
4	.86	.75	.67	.61	.84	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.63	.59	.59	.59	.59	.57
5	.79	.67	.58	.52	.77	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.55	.50	.50	.50	.50	.48
6	.73	.60	.51	.45	.71	.59	.51	.45	.57	.50	.45	.56	.49	.44	.54	.48	.44	.44	.44	.44	.42
7	.67	.54	.45	.39	.65	.53	.45	.39	.51	.44	.39	.50	.44	.39	.49	.43	.38	.38	.38	.38	.37
8	.62	.48	.40	.34	.60	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.33	.33	.33	.32
9	.57	.43	.35	.30	.55	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.29	.29	.29	.27
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.26	.26	.26	.24

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

