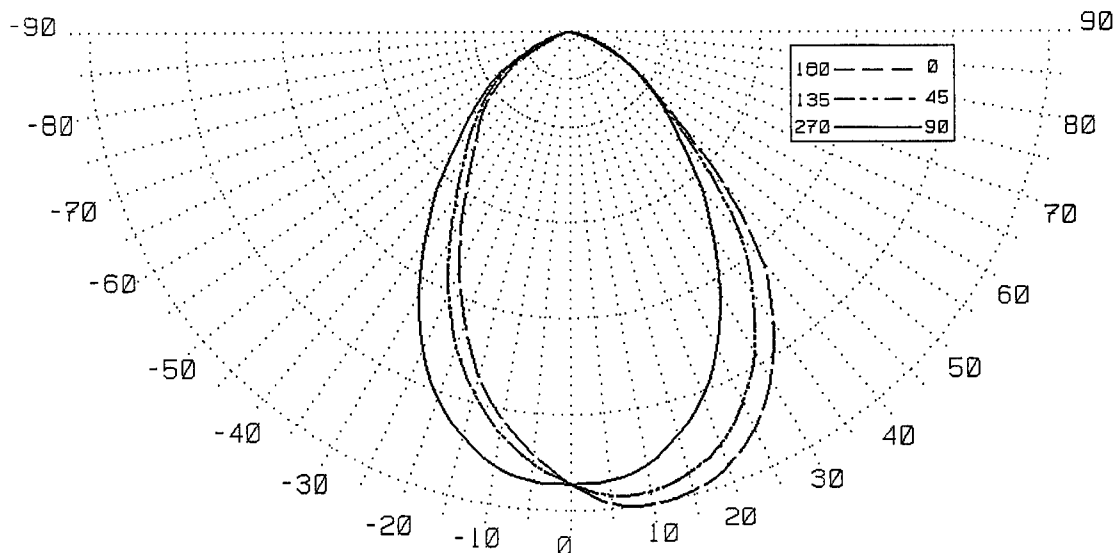


BALLABS CERTIFIED TEST REPORT NO.: 20750.0 DATE 02/11/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: BRIDGELUX VERO13 LED 6"RND RECESS SHALLOW PLENUM DOWNLIGHT
6"ASYMMETRIC WHITE TRIM w/ANGLED FROST ACRYLIC LENS
ADVANCE #XI025C070V054DSM1 @ 565mA
CATALOG NBR: 6PR-TL-L20/835-DIM-UNV-AW-OF-WH-AD
LAMP TYPE : BRIDGELUX V13 BXRE-35E2000

0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER



Handwritten signature

NVLAP[®]
TESTING

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	734.	NA.	42.3	90-120	0.	NA.	.0
0- 40	1106.	NA.	63.8	90-130	0.	NA.	.0
0- 60	1599.	NA.	92.2	90-150	0.	NA.	.0
0- 90	1734.	NA.	100.0	90-180	0.	NA.	.0
TOTAL LUMINAIRE =				0-180	1734.	NA.	100.0

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.

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CANDLEPOWER DISTRIBUTION
 0 DEGREE PLANE CONTAINS MAXIMUM CANDLEPOWER

VERT	HORIZONTAL									LUMENS		
	.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	FRONT	BACK	TOTAL
0	1030.	1030.	1030.	1030.	1030.	1030.	1030.	1030.	1030.			
5	1079.	1071.	1060.	1043.	1026.	1004.	988.	971.	968.	50.4	47.1	97.6
10	1092.	1081.	1062.	1031.	1003.	961.	929.	909.	897.			
15	1081.	1070.	1040.	998.	954.	899.	852.	819.	811.	146.6	121.8	268.3
20	1054.	1038.	1004.	943.	888.	824.	763.	726.	703.			
25	1000.	986.	935.	868.	798.	721.	656.	608.	596.	214.4	153.7	368.2
30	920.	897.	845.	773.	692.	614.	547.	505.	490.			
35	812.	791.	732.	658.	577.	506.	447.	415.	404.	227.5	144.6	372.1
40	692.	659.	610.	534.	472.	414.	374.	347.	336.			
45	508.	491.	448.	411.	369.	338.	314.	292.	288.	174.6	122.0	296.6
50	341.	319.	317.	303.	295.	281.	260.	243.	242.			
55	242.	229.	225.	229.	233.	230.	209.	189.	184.	102.7	94.1	196.7
60	177.	175.	170.	170.	177.	176.	161.	132.	129.			
65	128.	126.	117.	111.	114.	110.	86.	65.	53.	58.6	43.3	102.0
70	87.	83.	76.	72.	62.	51.	33.	29.	29.			
75	51.	50.	44.	35.	27.	18.	17.	16.	15.	22.5	9.0	31.5
80	27.	23.	18.	12.	11.	6.	6.	6.	7.			
85	3.	3.	0.	0.	1.	2.	1.	0.	0.	.9	.6	1.5
90	0.	0.	0.	0.	0.	0.	0.	0.	0.			

USE .500 FT. AS LENGTH AND .500 FT. AS WIDTH

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 LAMP TYPE : BRIDGELUX V13 BXRE-35E2000

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	.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	1.00					
1	1.12	1.09	1.05	1.03	1.09	1.06	1.04	1.01	1.02	1.00	.98	.99	.97	.95	.95	.94	.92	.90					
2	1.05	.99	.94	.89	1.02	.97	.92	.88	.94	.90	.86	.90	.87	.84	.88	.85	.83	.81					
3	.98	.90	.83	.78	.96	.88	.82	.78	.85	.81	.77	.83	.79	.75	.81	.77	.74	.72					
4	.91	.82	.75	.69	.89	.80	.74	.69	.78	.72	.68	.76	.71	.67	.74	.70	.66	.64					
5	.84	.74	.66	.61	.83	.73	.66	.61	.71	.65	.60	.69	.64	.60	.67	.63	.59	.57					
6	.79	.67	.60	.55	.77	.67	.60	.54	.65	.59	.54	.63	.58	.54	.62	.57	.53	.51					
7	.73	.62	.54	.49	.72	.61	.54	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46					
8	.68	.56	.49	.43	.66	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.46	.43	.41					
9	.63	.51	.43	.38	.62	.50	.43	.38	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36					
10	.59	.47	.39	.35	.57	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32					

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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ELECTRICAL CHARACTERISTICS 119.94V .1944A 23.0840W

LUMINOUS EFFICACY (LUMENS / WATTS) = 75.1

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

