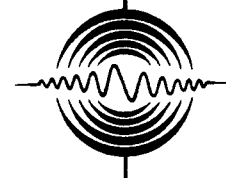


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

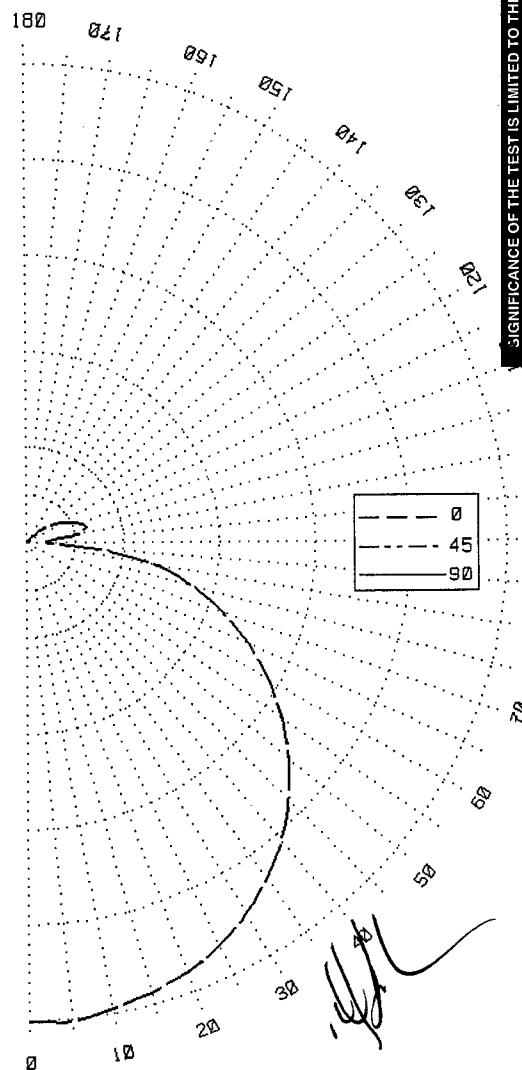
1618 HEADLAND DR.
FENTON, MO 63026
(636) 343-6006
(636) 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 19610.0 DATE 12/13/16
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-24 LED 6"ARRAYS 26"DIA WHT.WAL RING PENDANT LUMINAIRE
WHITE REFL w/1PIECE .125"THK VIRGIN WHITE ACRYLIC INNER &
BTM LENS 2 ROAL STRATO #RSLD035-06
CATALOG NBR: P6326-35HI-PTD
LAMP TYPE : LM-700-06-35K

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	1126.	
5	1124.	107.3
10	1113.	
15	1096.	310.5
20	1076.	
25	1050.	486.0
30	1014.	
35	971.	609.9
40	921.	
45	861.	667.1
50	796.	
55	727.	651.9
60	651.	
65	570.	565.9
70	486.	
75	400.	423.4
80	308.	
85	169.	184.5
90	50.	
95	45.	49.0
100	118.	
105	145.	153.2
110	133.	
115	116.	115.0
120	97.	
125	77.	69.2
130	54.	
135	30.	23.3
140	17.	
145	7.	4.7
150	3.	
155	3.	1.2
160	5.	
165	6.	1.6
170	6.	
175	6.	.6
180	7.	



NVLAP[®]
TESTING

NVLAP LAB CODE 200921-0

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	904.	NA.	20.4	90-120	317.	NA.	7.2
0- 40	1514.	NA.	34.2	90-130	387.	NA.	8.7
0- 60	2833.	NA.	64.0	90-150	414.	NA.	9.4
0- 90	4006.	NA.	90.6	90-180	418.	NA.	9.4
TOTAL LUMINAIRE =				0-180	4424.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= 1.3 DIAGONAL= .9

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LUMINANCES-CD/SQ-M
 HORIZONTAL ANGLE

VERT
 ANGLE

	0
45	3571.
55	3657.
65	3796.
75	4124.
85	4126.

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	.00			
RCR																					
0	1.17	1.17	1.17	1.17	1.13	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.91			
1	1.06	1.01	.96	.92	1.02	.97	.93	.89	.91	.88	.85	.86	.83	.81	.81	.79	.77	.74			
2	.96	.87	.80	.74	.92	.84	.78	.72	.79	.74	.69	.74	.70	.66	.70	.66	.63	.60			
3	.87	.76	.68	.61	.84	.74	.66	.60	.70	.63	.58	.66	.60	.55	.62	.57	.53	.51			
4	.79	.67	.58	.51	.76	.65	.57	.50	.61	.54	.49	.58	.52	.47	.55	.50	.45	.43			
5	.72	.59	.50	.43	.69	.57	.49	.42	.54	.46	.41	.51	.44	.39	.48	.43	.38	.36			
6	.66	.52	.43	.37	.64	.51	.42	.36	.48	.41	.35	.46	.39	.34	.43	.37	.33	.31			
7	.61	.47	.38	.32	.58	.46	.37	.31	.43	.36	.30	.41	.34	.29	.39	.33	.28	.26			
8	.56	.42	.33	.27	.54	.41	.33	.27	.39	.31	.26	.37	.30	.25	.35	.29	.25	.22			
9	.52	.38	.29	.23	.50	.37	.29	.23	.35	.27	.22	.33	.26	.22	.31	.25	.21	.19			
10	.48	.34	.26	.21	.46	.33	.25	.20	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17			

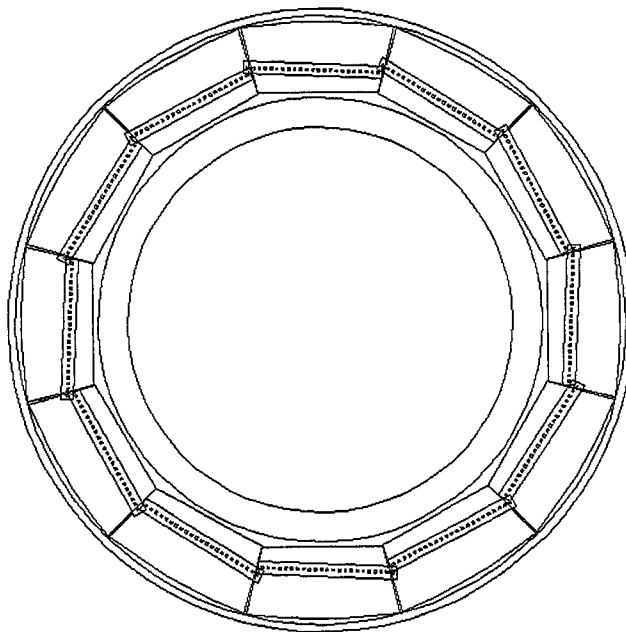
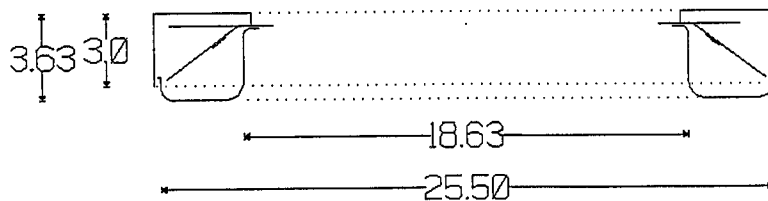
TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

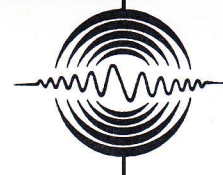
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CATALOG NBR: P6326-35HI-PTD
LAMP TYPE : LM-700-06-35K

ELECTRICAL CHARACTERISTICS 120.0V .4824A 54.526W

LUMINOUS EFFICACY (LUMENS / WATTS) = 81.1

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

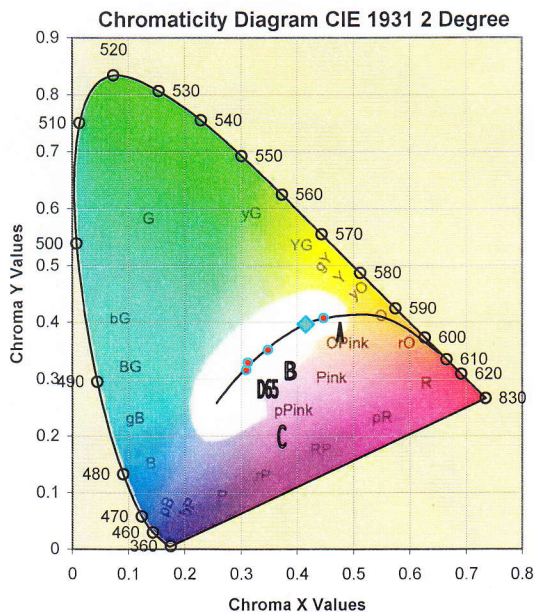




BALLABS CERTIFIED TEST REPORT NO.: 19610.0 A DATE 12/13/16
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CATALOG NBR: P6326-35HI-PTD
LAMP TYPE : LM-700-06-35K

INPUT VOLTAGE (V)	120.04
INPUT CURRENT (A)	0.4824
INPUT WATTS (W)	54.526
POWER FACTOR	0.9417
THDv (%)	0.152
THDi (%)	25.439
LUMINOUS EFFICACY-LPW	81.1
LUMINOUS FLUX- LUMENS	4424
CHROMA x	0.4159
CHROMA y	0.3965
CHROMA u	0.2402
CHROMA v	0.3435
DELTA uv (Duv)	0.0003
CORR COLOR TEMP (K)	3325
COLOR REND INDEX (RA)	83.85
COLOR REND INDEX (R9)	10.4

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.2227	610	83.1051
360	0.2471	620	77.2223
370	0.2512	630	68.7029
380	0.2320	640	58.4266
390	0.2585	650	47.5960
400	0.3255	660	37.5872
410	0.6643	670	28.8621
420	2.5529	680	22.0664
430	8.7004	690	16.6504
440	23.1482	700	12.4455
450	54.7550	710	9.2213
460	38.7639	720	6.7632
470	27.2174	730	4.9179
480	22.4136	740	3.6062
490	27.7871	750	2.6880
500	35.5146	760	2.0077
510	40.8760	770	1.4928
520	44.4300	780	1.0976
530	47.5763	790	0.8157
540	51.7330	800	0.6131
550	56.7921	810	0.4678
560	63.1691	820	0.3607
570	69.9798	830	0.2577
580	77.0852	840	0.2053
590	82.4644	850	0.1731
600	85.0156		

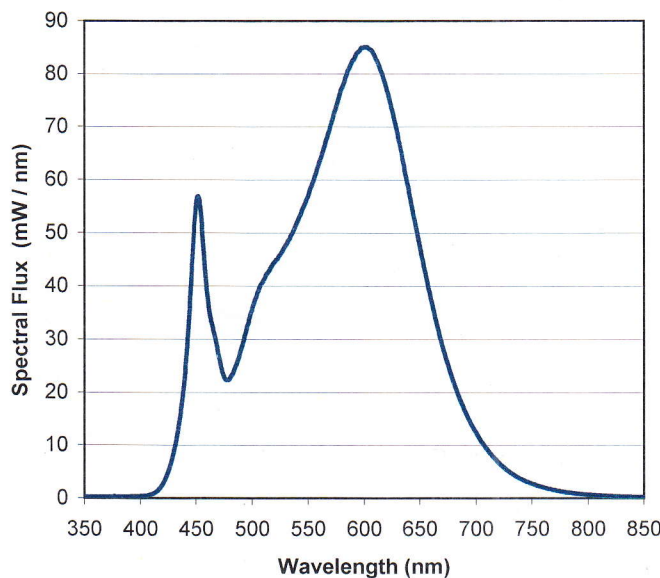


Data collected utilizing a Labsphere integrating sphere and 2100 spectroradiometer. Calibration of the spectroradiometer-sphere is traceable to the National Institute of Standards and Technology.



NVLAP LAB CODE 200921-0

Kelly C. Lerbs
Kelly C. Lerbs
Vice President



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