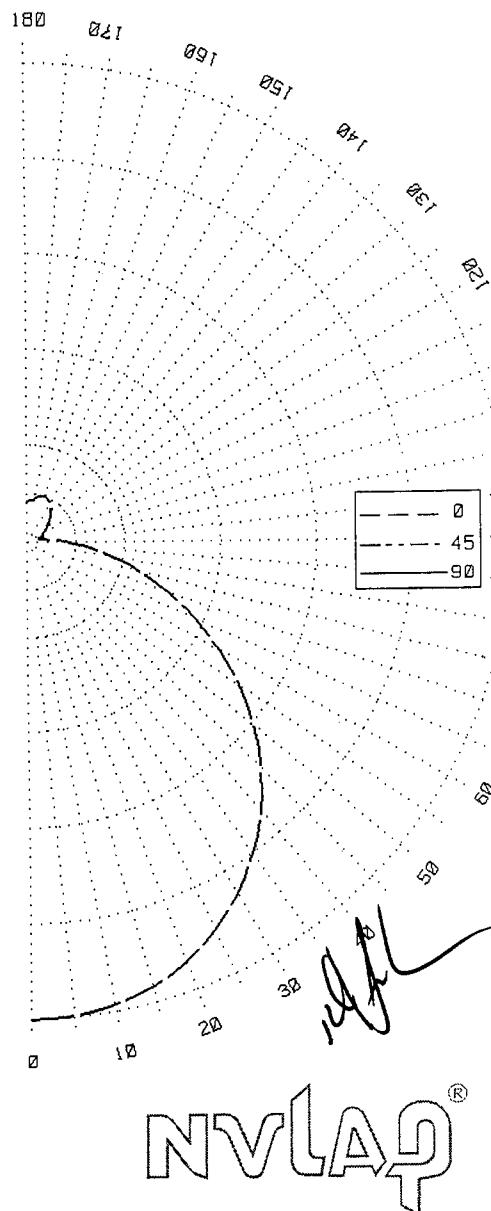


BALLABS CERTIFIED TEST REPORT NO.: 18685.0 DATE 02/19/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 4-48LED, 8-24LED ARRAYS 26"DIA PENDANT WHITE REFL LUMINAIRE
26,1"DIA CLEAR POLYCARB PLUGS IN TOP w/MATTE WHITE ACRYLIC
CONVEX BTM LENS 2 ROAL STRATO #RSLD035-11A
CATALOG NBR: P5526.LED-40HI-XX-10UP
LAMP TYPE : M700C840D48N12S0C, M700C840D24N06S0C

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA	ZONAL LUMENS
0	1993.	
5	1985.	189.5
10	1960.	
15	1923.	545.2
20	1866.	
25	1795.	830.8
30	1704.	
35	1598.	1003.9
40	1482.	
45	1350.	1045.3
50	1210.	
55	1063.	953.7
60	910.	
65	760.	754.2
70	620.	
75	485.	513.5
80	362.	
85	261.	284.4
90	178.	
95	116.	126.1
100	78.	
105	56.	59.6
110	56.	
115	66.	65.4
120	81.	
125	97.	87.5
130	116.	
135	133.	102.7
140	153.	
145	170.	106.6
150	187.	
155	197.	91.3
160	205.	
165	198.	56.1
170	180.	
175	174.	16.6
180	170.	



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NVLAP LAB CODE 200921-0

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	1565.	NA.	22.9	90-120	251.	NA.	3.7
0- 40	2569.	NA.	37.6	90-130	339.	NA.	5.0
0- 60	4568.	NA.	66.9	90-150	548.	NA.	8.0
0- 90	6120.	NA.	89.6	90-180	712.	NA.	10.4
TOTAL LUMINAIRE =				0-180	6832.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= 1.3 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.

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

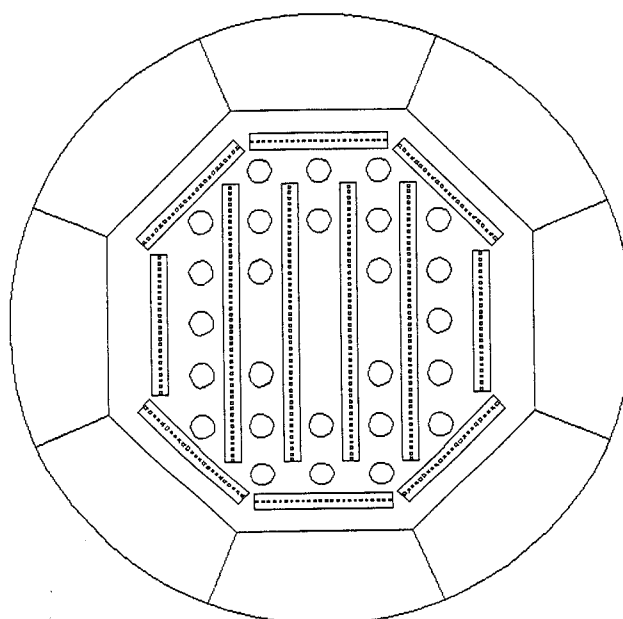
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LUMINANCES-CD/SQ-M	
HORIZONTAL ANGLE	
0	
VERT	
ANGLE	
45	4920.
55	4499.
65	3977.
75	3468.
85	3078.
MAXIMUM BRIGHTNESSES NOT MEASURED	

ELECTRICAL CHARACTERISTICS 120.0V .7063A 83.017W

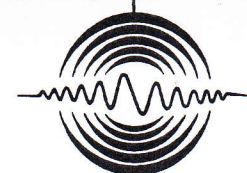
LUMINOUS EFFICACY (LUMENS / WATTS) = 82.3

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



BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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

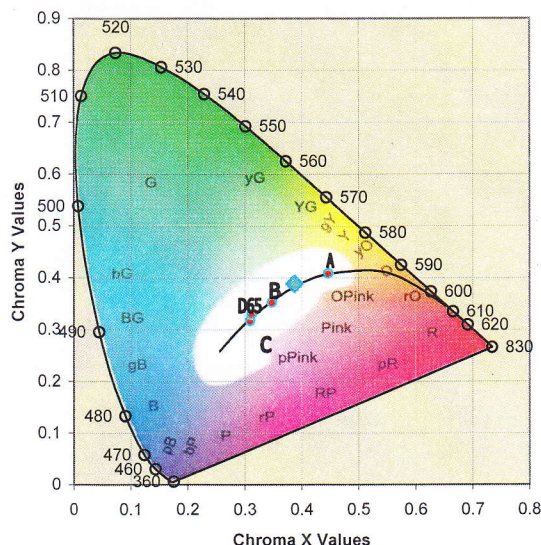


BALLABS CERTIFIED TEST REPORT NO.: 18685.0 A DATE 02/19/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
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INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.7063
INPUT WATTS (W)	83.017
POWER FACTOR	0.9797
THDv (%)	0.1633%
THDi (%)	14.6300%
LUMINOUS EFFICACY-LPW	82.3
LUMINOUS FLUX- LUMENS	6832
CHROMA x	0.3884
CHROMA y	0.3873
CHROMA u	0.2261
CHROMA v	0.3382
DELTA uv (Duv)	0.0025
CORR COLOR TEMP (K)	3869
COLOR REND INDEX (RA)	83.20
COLOR REND INDEX (R9)	20.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.7749	610	109.4874
360	0.9453	620	102.8553
370	0.8682	630	94.2876
380	0.8257	640	84.5139
390	0.9780	650	72.9609
400	1.3790	660	60.9587
410	2.6772	670	49.2802
420	10.1956	680	39.0598
430	37.6486	690	30.2091
440	92.9474	700	23.1477
450	89.9606	710	17.3371
460	44.5555	720	12.9228
470	27.7443	730	9.5045
480	30.6888	740	7.0632
490	44.1012	750	5.3167
500	59.7384	760	3.9380
510	70.4035	770	2.9524
520	77.6987	780	2.1952
530	83.9548	790	1.6461
540	91.3731	800	1.2310
550	98.5105	810	0.9492
560	104.0822	820	0.7342
570	108.0976	830	0.5530
580	110.9784	840	0.4539
590	112.9101	850	0.3337
600	112.8175		

Chromaticity Diagram CIE 1931 2 Degree



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®

Kelly C. Lerbs
Vice President

NVLAP LAB CODE 200921-0

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