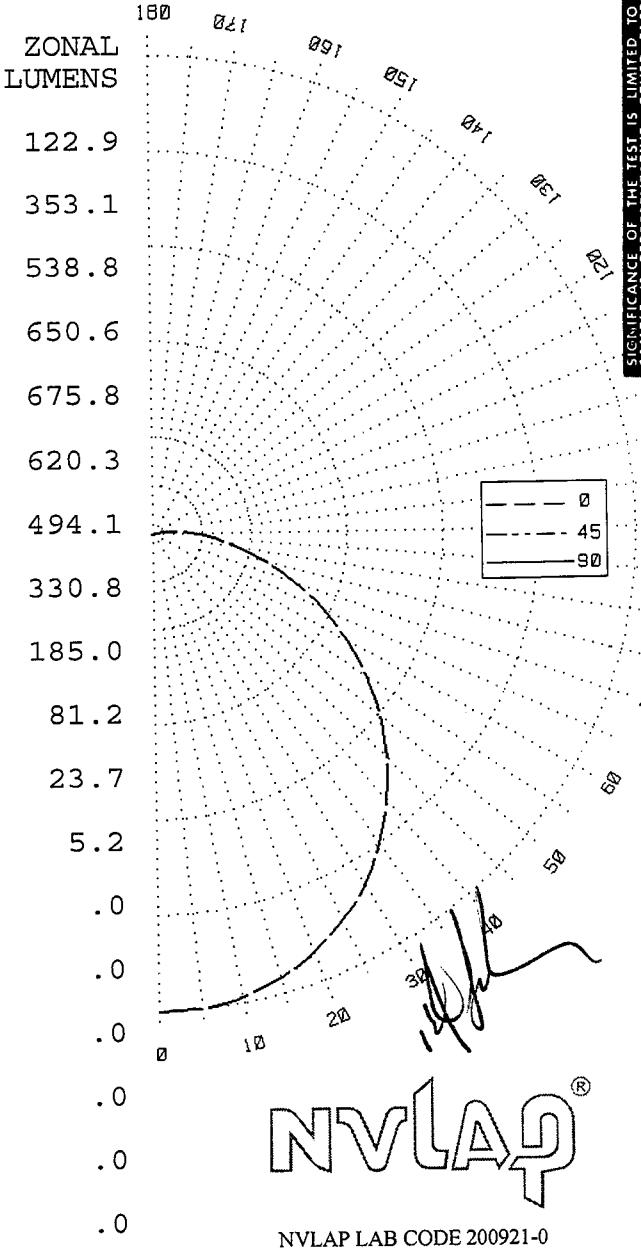


BALLABS CERTIFIED TEST REPORT NO.: 18683.0 DATE 02/18/19  
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO  
DESCRIPTION: 4-24LED, 8-12LED ARRAYS 26"DIA PENDANT LUMINAIRE  
WHITE REFL w/MATTE WHITE ACRYLIC DROP LENS  
2 ROAL STRATO #RSLD035-11  
CATALOG NBR: P5526.LED-35LO-XX  
LAMP TYPE : M350C835D24N12STC, M350C835D12N06STC

CANDLEPOWER DISTRIBUTION

VERT ANG	AVERAGE CANDELA
0	1291.
5	1288.
10	1274.
15	1246.
20	1211.
25	1164.
30	1108.
35	1036.
40	957.
45	873.
50	783.
55	691.
60	594.
65	498.
70	402.
75	313.
80	235.
85	170.
90	116.
95	74.
100	44.
105	22.
110	11.
115	5.
120	0.
125	0.
130	0.
135	0.
140	0.
145	0.
150	0.
155	0.
160	0.
165	0.
170	0.
175	0.
180	0.



LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	1015.	NA.	24.9	90-120	110.	NA.	2.7
0- 40	1665.	NA.	40.8	90-130	110.	NA.	2.7
0- 60	2961.	NA.	72.6	90-150	110.	NA.	2.7
0- 90	3971.	NA.	97.3	90-180	110.	NA.	2.7
TOTAL LUMINAIRE =				0-180	4081.	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.

BALLABS CERTIFIED TEST REPORT NO.: 18683.0 DATE 02/18/15  
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO  
 DESCRIPTION: 4-24LED, 8-12LED ARRAYS 26"DIA PENDANT LUMINAIRE  
 WHITE REFL w/MATTE WHITE ACRYLIC DROP LENS  
 2 ROAL STRATO #RSLD035-11  
 CATALOG NBR: P5526.LED-35LO-XX  
 LAMP TYPE : M350C835D24N12STC, M350C835D12N06STC  
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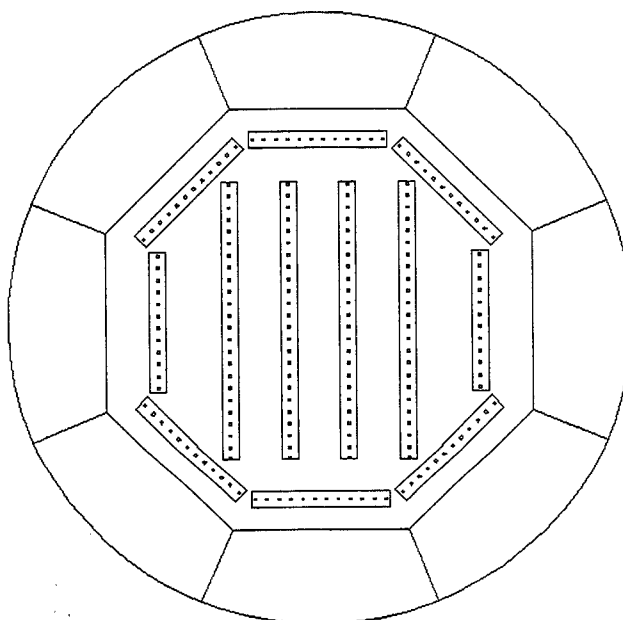
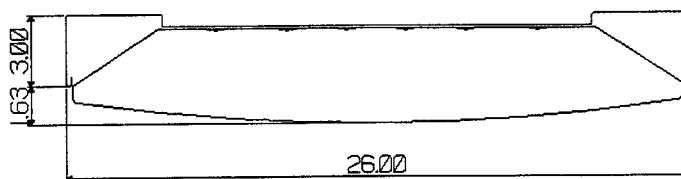
LUMINANCES-CD/SQ-M	
HORIZONTAL ANGLE	
	0
VERT	
ANGLE	
45	3181.
55	2926.
65	2606.
75	2234.
85	2002.
**MAXIMUM BRIGHTNESSES NOT MEASURED**	

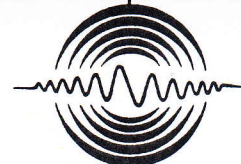
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ELECTRICAL CHARACTERISTICS 120.0V .4816A 55.769W

LUMINOUS EFFICACY (LUMENS / WATTS) = 73.2

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



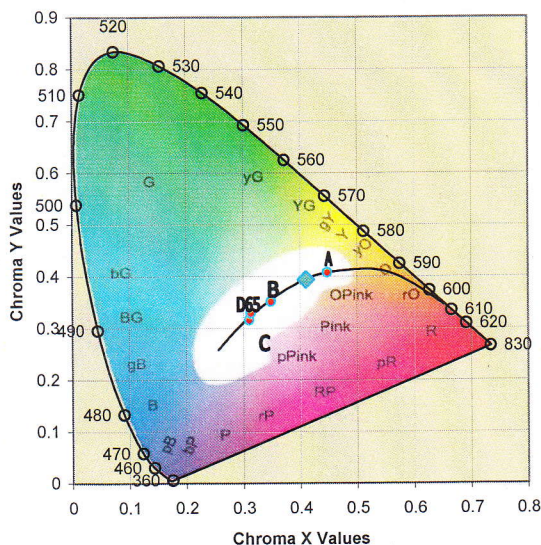


BALLABS CERTIFIED TEST REPORT NO.: 18683.0 A DATE 02/18/15  
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO  
DESCRIPTION: 4-24LED, 8-12LED ARRAYS 26"DIA PENDANT LUMINAIRE  
WHITE REFL w/MATTE WHITE ACRYLIC DROP LENS  
2 ROAL STRATO #RSLD035-11  
CATALOG NBR: P5526.LED-35LO-XX  
LAMP TYPE : M350C835D24N12STC, M350C835D12N06STC

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.4816
INPUT WATTS (W)	55.769
POWER FACTOR	0.9650
THDv (%)	0.1230%
THDi (%)	20.1480%
LUMINOUS EFFICACY-LPW	73.2
LUMINOUS FLUX- LUMENS	4081
CHROMA x	0.4106
CHROMA y	0.3936
CHROMA u	0.238
CHROMA v	0.3421
DELTA uv (Duv)	0.0003
CORR COLOR TEMP (K)	3408
COLOR REND INDEX (RA)	85.41
COLOR REND INDEX (R9)	26.7

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.4543	610	72.6869
360	0.4124	620	69.3112
370	0.5245	630	64.2306
380	0.4188	640	57.9680
390	0.4416	650	50.5162
400	0.5263	660	42.2767
410	0.8615	670	34.3043
420	2.9941	680	27.2053
430	11.0989	690	21.1190
440	29.6139	700	16.1213
450	52.7713	710	12.0962
460	33.5628	720	9.0111
470	22.8483	730	6.5884
480	19.7353	740	4.8935
490	24.7149	750	3.6588
500	31.7071	760	2.7299
510	37.1710	770	2.0461
520	41.3048	780	1.4890
530	45.3387	790	1.1188
540	50.2493	800	0.8341
550	55.5190	810	0.6348
560	60.3504	820	0.4842
570	64.7882	830	0.3825
580	68.4215	840	0.2906
590	71.7269	850	0.2353
600	73.5507		

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.



*[Signature]*

Kelly C. Lerbs  
Vice President

NVLAP LAB CODE 200921-0

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