

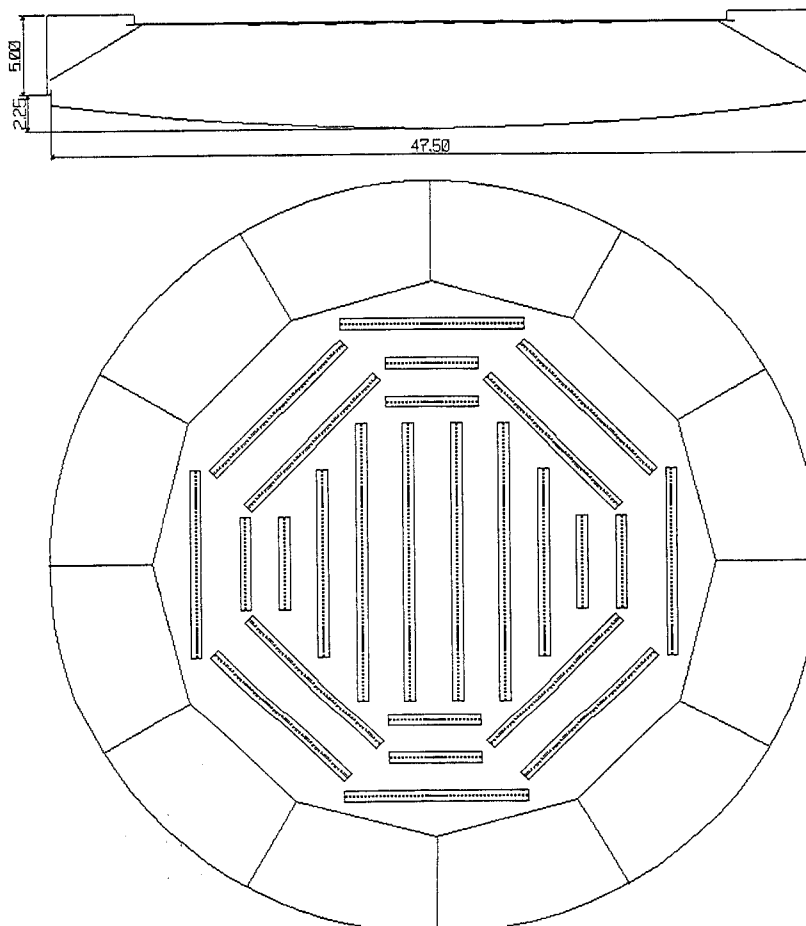
BALLABS CERTIFIED TEST REPORT NO.: 18695.0 DATE 03/09/15
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
 DESCRIPTION: 14-48, 8-24, 4-72LED ARRAYS 48"DIA PENDNAT LUMINAIRE
 WHITE REFLECTOR w/MATTE WHITE ACRYLIC CONVEX BTM LENS
 4 MEANWELL #LPF-60D-42
 CATALOG NBR: P5548.LED-35HI-XX
 LAMP TYPE : M700C835D48N12STC, M700C835D72N18STC M700C835D24N06STC

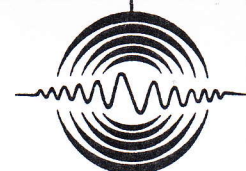
LUMINANCES-CD/SQ-M	
HORIZONTAL ANGLE	
0	
VERT	
ANGLE	
45	3861.
55	3643.
65	3403.
75	2973.
85	2118.
MAXIMUM BRIGHTNESSES NOT MEASURED	

ELECTRICAL CHARACTERISTICS 120.0V 1.8830A 224.79W

LUMINOUS EFFICACY (LUMENS / WATTS) = 67.0

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



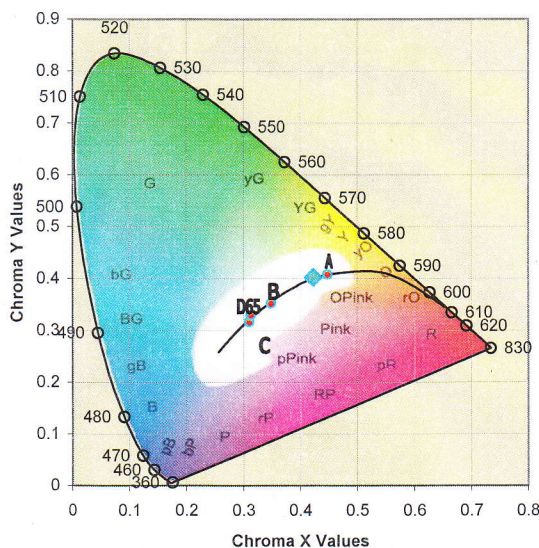


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INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	1.8830
INPUT WATTS (W)	227.790
POWER FACTOR	0.9945
THD _v (%)	0.2524%
THD _i (%)	5.6797%
LUMINOUS EFFICACY-LPW	67.0
LUMINOUS FLUX- LUMENS	15270
CHROMA x	0.4225
CHROMA y	0.4013
CHROMA u	0.2425
CHROMA v	0.3454
DELTA uv (Duv)	0.001
CORR COLOR TEMP (K)	3233
COLOR REND INDEX (RA)	83.96
COLOR REND INDEX (R9)	21.3

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	1.4114	610	280.2312
360	1.2670	620	268.2973
370	1.0748	630	248.7286
380	1.2445	640	222.8425
390	1.1712	650	193.4817
400	1.4604	660	162.1901
410	2.8073	670	132.2793
420	9.8817	680	106.5516
430	38.6984	690	83.8436
440	110.2690	700	64.8910
450	181.7988	710	49.4345
460	94.9090	720	37.0122
470	63.9110	730	27.2122
480	61.8940	740	20.2946
490	83.4194	750	15.2760
500	111.7382	760	11.4608
510	132.7801	770	8.5482
520	149.1807	780	6.3391
530	164.8337	790	4.7422
540	184.4064	800	3.4959
550	205.5749	810	2.7116
560	226.1849	820	2.0873
570	245.1772	830	1.5536
580	261.4413	840	1.2286
590	274.5412	850	0.9954
600	281.5092		

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.



Kelly C. Lerbs
Vice President

NVLAP LAB CODE 200921-0

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