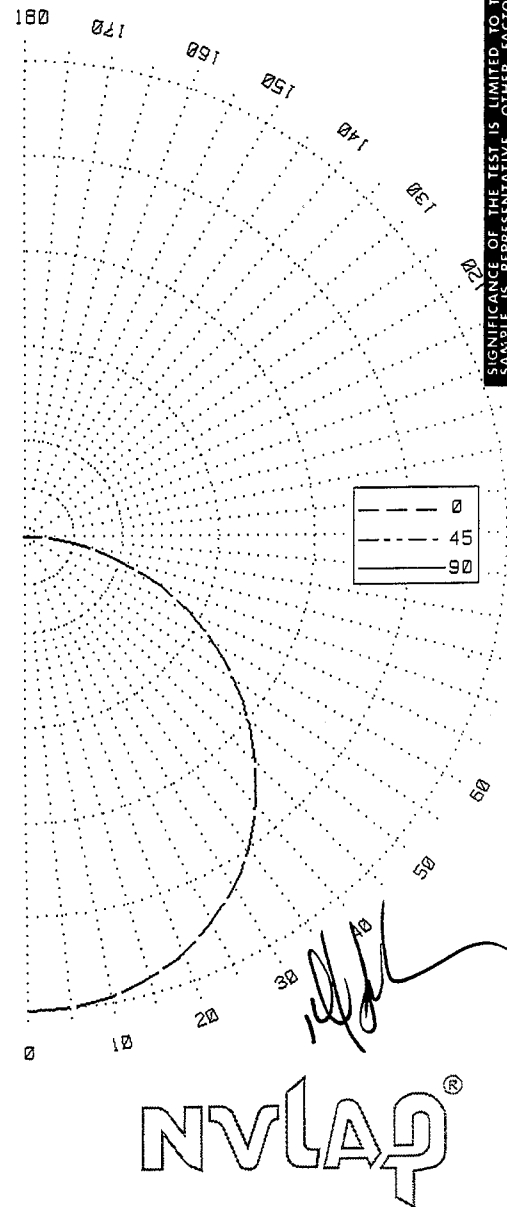


SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE. THE TESTED SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED

ZONAL
LUMENS

213.9
615.2
935.6
1131.2
1171.2
1066.0
837.5
491.2
163.7
25.3
13.3
5.0
.0
.0
.0
.0
.0
.0



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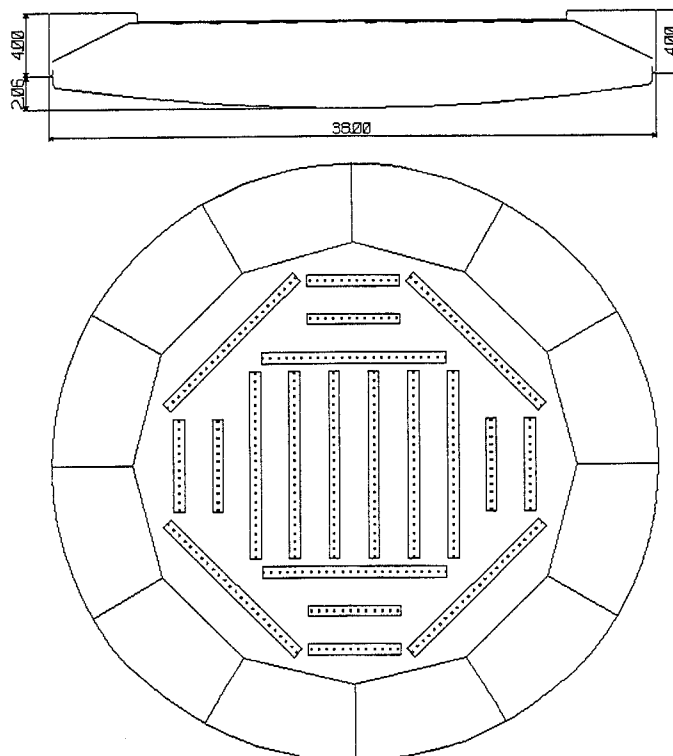
BALLABS CERTIFIED TEST REPORT NO.: 18686.0 DATE 03/03/15
 PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
 DESCRIPTION: 12-24LED, 8-12LED ARRAYS 38"DIA PENDANT LUMINAIRE
 WHITE REFL w/MATTE WHITE ACRYLIC CONVEX BTM LENS
 4 MEANWELL #LPF-25D-20
 CATALOG NBR: P5538.LED-40LO-XX
 LAMP TYPE : 6-M350C840D24N12S0C 6-M350C840D24N12STC 8-M350C840D12N06S0C

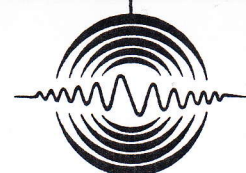
LUMINANCES-CD/SQ-M	
HORIZONTAL ANGLE	
	0
VERT	
ANGLE	
45	2764.
55	2611.
65	2416.
75	1995.
85	1373.
MAXIMUM BRIGHTNESSES NOT MEASURED	

ELECTRICAL CHARACTERISTICS 120.0V .9020A 107.74W

LUMINOUS EFFICACY (LUMENS / WATTS) = 61.9

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



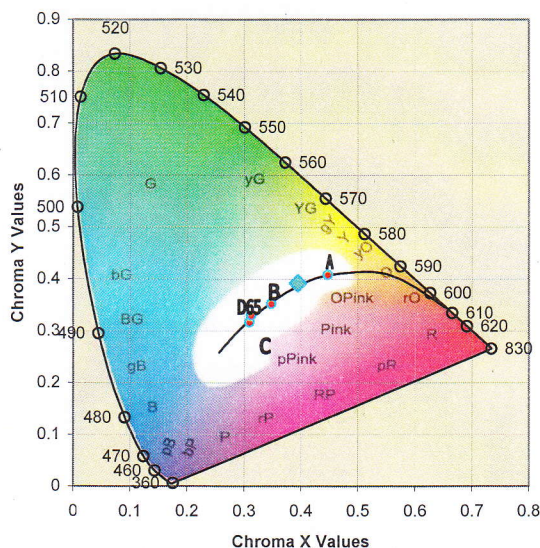


BALLABS CERTIFIED TEST REPORT NO.: 18686.0 A DATE 03/03/15
PREPARED FOR: IMPACT ARCHITECTURAL LIGHTING - SAINT LOUIS, MO
DESCRIPTION: 12-24LED, 8-12LED ARRAYS 38"DIA PENDANT LUMINAIRE
WHITE REFL w/MATTE WHITE ACRYLIC CONVEX BTM LENS
4 MEANWELL #LPF-25D-20
CATALOG NBR: P5538.LED-40LO-XX
LAMP TYPE : 6-M350C840D24N12S0C 6-M350C840D24N12STC 8-M350C840D12N06S0C

INPUT VOLTAGE (V)	120.0
INPUT CURRENT (A)	0.9020
INPUT WATTS (W)	107.740
POWER FACTOR	0.9952
THDv (%)	0.1796%
THDi (%)	7.2530%
LUMINOUS EFFICACY-LPW	61.9
LUMINOUS FLUX- LUMENS	6669
CHROMA x	0.3952
CHROMA y	0.3913
CHROMA u	0.2289
CHROMA v	0.34
DELTA uv (Duv)	0.0022
CORR COLOR TEMP (K)	3733
COLOR REND INDEX (RA)	83.65
COLOR REND INDEX (R9)	19.9

Wavelength (nm)	Spectral Flux mW/nm	Wavelength (nm)	Spectral Flux mW/nm
350	0.8362	610	109.7873
360	1.0414	620	103.6066
370	1.0653	630	95.1641
380	0.8898	640	84.4325
390	1.1242	650	72.3765
400	1.2669	660	60.0125
410	2.0633	670	48.5603
420	7.0178	680	38.7648
430	27.5061	690	30.4975
440	72.7855	700	23.6205
450	84.8497	710	18.0477
460	50.5019	720	13.4732
470	32.3326	730	9.9865
480	31.6331	740	7.4832
490	42.7636	750	5.5960
500	56.5581	760	4.2541
510	66.1681	770	3.1482
520	73.0601	780	2.3597
530	79.3108	790	1.7554
540	86.9111	800	1.3252
550	94.6850	810	1.0091
560	101.1194	820	0.7983
570	106.3803	830	0.5941
580	110.1849	840	0.4736
590	112.3154	850	0.3687
600	112.6776		

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

Kelly C. Lerbs
Vice President

NVLAP LAB CODE 200921-0

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