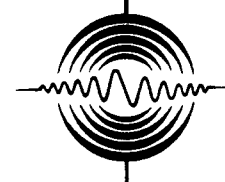


# BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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



BALLABS CERTIFIED TEST REPORT NO.: 20925.0 DATE 08/14/19  
PREPARED FOR: OCL ORIGINAL CAST LIGHTING INC - ST. LOUIS, MO  
DESCRIPTION: 4-72LED 36"ARRAYS REV 4'INNER PENDANT w/.5"ACOUSTIC PANEL  
4'ROUND RAW ALUM HOUSING w/1"WHITE SILICONE LENSES  
2 OPTOTRONIC #OT40W-PRG1400C-UNV-DIM @ 850mA EACH  
CATALOG NBR: RV1-PIEM-48-MW-PTD-LED2\_35K-UNV-48-GYA  
LAMP TYPE : NICHIA LED10-35K OCL BOARDS

## CANDLEPOWER DISTRIBUTION

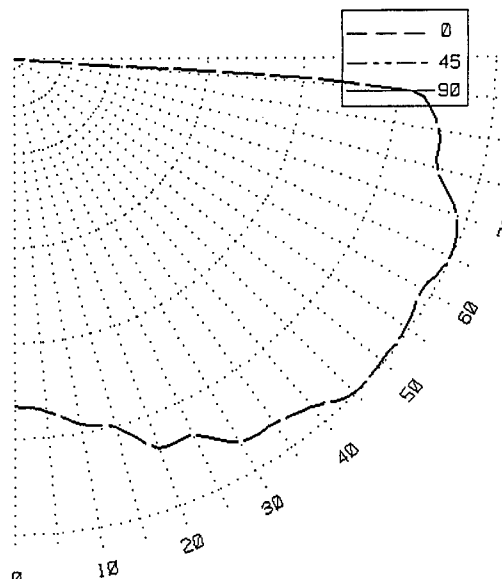
VERT  
ANG

AVERAGE CANDELA

0	372.
5	379.
10	398.
15	408.
20	444.
25	446.
30	475.
35	479.
40	489.
45	509.
50	508.
55	507.
60	500.
65	510.
70	499.
75	464.
80	458.
85	424.
90	0.

ZONAL  
LUMENS

36.2
115.8
206.3
300.9
394.2
454.7
506.5
491.1
463.1



*[Handwritten signature]*

**NVLAP<sup>®</sup>**  
TESTING

NVLAP LAB CODE 200921-0

## LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	358.	NA.	12.1	90-120	0.	NA.	.0
0- 40	659.	NA.	22.2	90-130	0.	NA.	.0
0- 60	1508.	NA.	50.8	90-150	0.	NA.	.0
0- 90	2969.	NA.	100.0	90-180	0.	NA.	.0
TOTAL LUMINAIRE =				0-180	2969.	NA.	100.0

IES SPACING CRITERIA: ADJACENT= 1.9 DIAGONAL= 1.4

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.

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\*\*\*\*\*

LUMINANCES-CD/SQ-M  
 HORIZONTAL ANGLE

VERT  
 ANGLE  
 45 745.  
 55 914.  
 65 1250.  
 75 1856.  
 85 5040.

\*\*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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00			
1	1.02	.95	.88	.82	.99	.92	.86	.80	.88	.83	.78	.84	.79	.75	.80	.76	.73	.70			
2	.90	.78	.69	.60	.87	.76	.67	.60	.72	.65	.58	.69	.62	.57	.66	.60	.55	.53			
3	.81	.67	.56	.48	.78	.65	.55	.47	.62	.53	.46	.59	.51	.45	.56	.50	.44	.42			
4	.73	.58	.47	.38	.70	.56	.46	.38	.54	.45	.37	.51	.43	.37	.49	.42	.36	.34			
5	.65	.50	.39	.31	.63	.48	.38	.30	.46	.37	.30	.44	.36	.29	.42	.35	.29	.27			
6	.60	.44	.33	.25	.57	.43	.32	.25	.41	.32	.25	.39	.31	.24	.37	.30	.24	.22			
7	.55	.39	.28	.21	.53	.38	.28	.21	.36	.27	.21	.35	.27	.21	.33	.26	.20	.18			
8	.50	.34	.25	.18	.48	.34	.24	.18	.32	.24	.17	.31	.23	.17	.29	.22	.17	.15			
9	.46	.31	.21	.15	.45	.30	.21	.15	.29	.20	.15	.28	.20	.15	.26	.19	.14	.12			
10	.43	.28	.19	.13	.41	.27	.19	.13	.26	.18	.13	.25	.18	.13	.24	.17	.12	.10			

TESTED IN ACCORDANCE WITH CURRENT IES PROCEDURES

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\*\*\*\*\*

ELECTRICAL CHARACTERISTICS 120.01V .5351A 63.9200W

LUMINOUS EFFICACY (LUMENS / WATTS) = 46.4

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

