

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PrentaLux

Report Number: P1505010

Luminaire Tested: PRLX-UHBS2-2436-MV-L8C5-U-A-04-CLER-PS (5000K_L32_Wide_120V)

Issue Date: 7/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1505010
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2602-677-84)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-UHBS2-2436-MV-L8C5-U-A-04-CLER-PS (5000K_L32_Wide_120V)
Description: PrentaLux UHBS2 4-INCH SELECTABLE HIGH BAY 2436 LIGHT ENGINE, DOMIC CLEAR SHADE, WIDE DISTRIBUTION
LIGHT LEVEL 2 - 32,000 LUMENS
Light Source:
Ballast/Driver: -

Summary

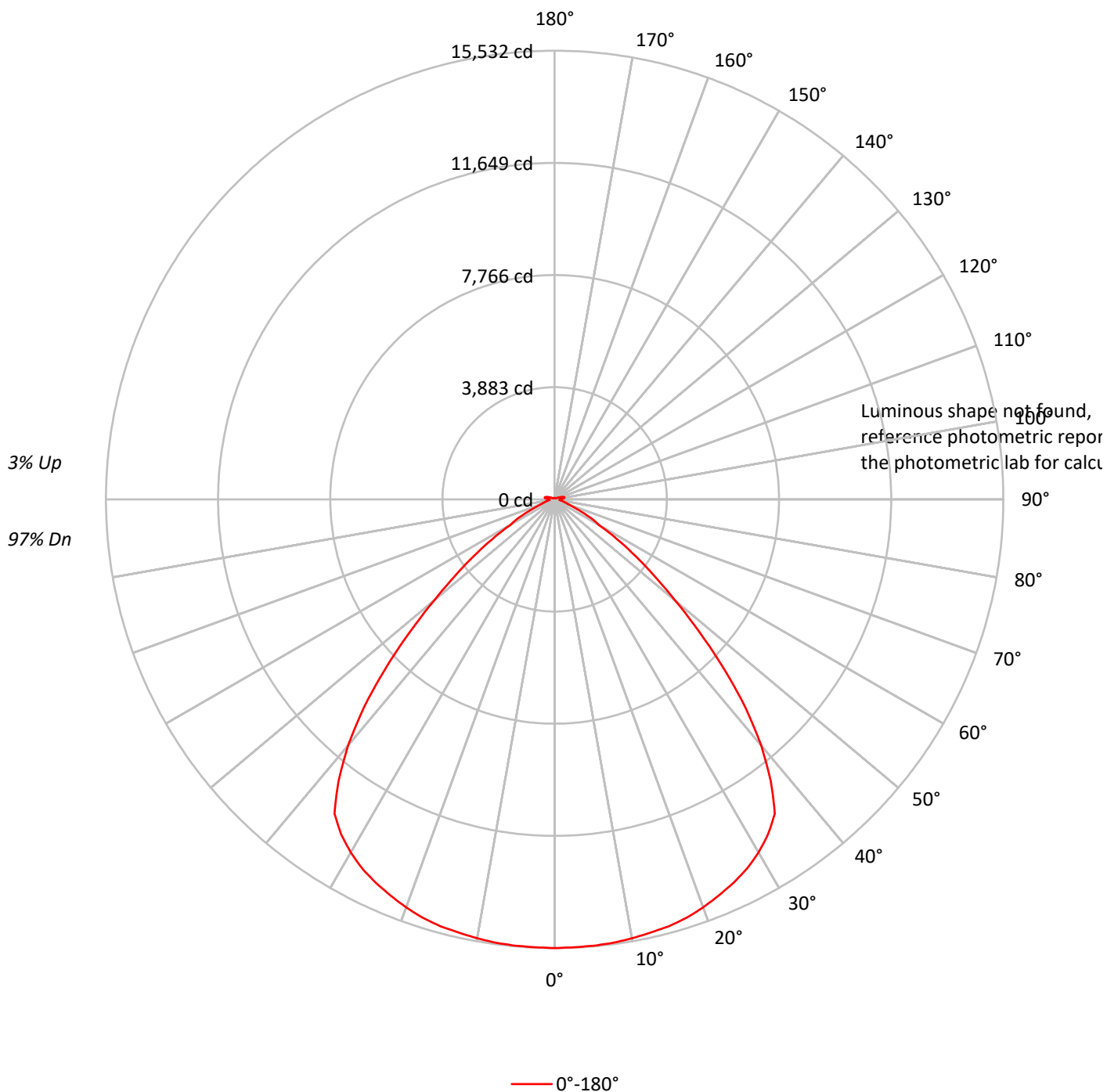
Lumens per Lamp: N/A
Luminaire Lumens: 32754.5 lumens
Efficiency: N/A
Efficacy: 167.5 lumens/watt
Spacing Criteria (0/90/45): 1.34 / 1.34 / 1.3
Luminous Opening: Ellipsoidal Spheroid (W: 1.37' x L: 1.37' x H: 0.58')
CIE Type: Direct

Input Watts (W): 195.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



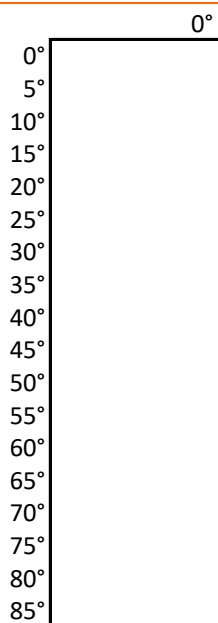
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99
1	111	107	104	101	108	105	102	99	100	98	95	96	94	92	92	90	89
2	103	97	91	87	100	94	90	85	91	87	83	87	84	81	84	81	79
3	96	87	81	75	93	85	79	74	82	77	73	79	75	71	76	73	70
4	89	79	72	66	86	77	71	65	75	69	64	72	67	63	70	66	62
5	83	72	64	58	80	70	63	58	68	62	57	66	61	56	64	59	56
6	77	65	58	52	75	64	57	52	62	56	51	60	55	51	59	54	50
7	72	60	52	47	70	59	52	47	57	51	46	56	50	46	54	49	45
8	67	55	47	42	65	54	47	42	53	46	42	51	46	41	50	45	41
9	63	51	43	38	61	50	43	38	49	42	38	48	42	38	46	41	37
10	59	47	40	35	58	46	40	35	45	39	35	44	38	34	43	38	34

AVERAGE LUMINANCE (cd/sqm):



MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1478.0	4.5
10°-20°	4322.5	13.2
20°-30°	6754.8	20.6
30°-40°	8121.3	24.8
40°-50°	6353.1	19.4
50°-60°	3087.1	9.4
60°-70°	1081.7	3.3
70°-80°	370.7	1.1
80°-90°	198.6	0.6
90°-100°	305.6	0.9
100°-110°	327.4	1.0
110°-120°	159.9	0.5
120°-130°	65.7	0.2
130°-140°	45.8	0.1
140°-150°	38.3	0.1
150°-160°	26.9	0.1
160°-170°	13.6	0.0
170°-180°	3.7	0.0
0°-30°	12555.3	38.3
0°-40°	20676.6	63.1
0°-60°	30116.7	91.9
0°-90°	31767.7	97.0
90°-120°	792.9	2.4
90°-150°	942.6	2.9
90°-180°	987.0	3.0
0°-180°	32754.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	15532	
5°	15510	###
15°	15295	4322
25°	14648	6755
35°	13286	8121
45°	8287	6353
55°	3413	3087
65°	1069	1082
75°	341	371
85°	166	150
90°	189	107
95°	287	248
105°	318	327
115°	156	160
125°	70	66
135°	59	46
145°	61	38
155°	58	27
165°	47	14
175°	37	4
180°	35	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	15532.4
2.5°	15517.7
5°	15510.3
7.5°	15481.8
10°	15428.1
12.5°	15357.5
15°	15295.3
17.5°	15188.9
20°	15029.7
22.5°	14844.3
25°	14648.2
27.5°	14413.2
30°	14116.1
32.5°	13751.4
35°	13285.6
37.5°	12287.7
40°	11119.0
42.5°	9772.2
45°	8287.3
47.5°	6791.9
50°	5437.8
52.5°	4332.3
55°	3413.4
57.5°	2548.2
60°	1778.9
62.5°	1450.1
65°	1068.6
67.5°	727.1
70°	515.3
72.5°	407.8
75°	341.4
77.5°	284.5
80°	228.7
82.5°	187.6
85°	165.5
87.5°	166.5
90°	188.6
92.5°	235.0
95°	286.6
97.5°	329.8
100°	350.9
102.5°	343.5
105°	318.3
107.5°	280.3
110°	237.1

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	193.9
115°	156.0
117.5°	123.3
120°	98.0
122.5°	81.1
125°	69.6
127.5°	62.2
130°	59.0
132.5°	58.0
135°	59.0
137.5°	60.1
140°	60.1
142.5°	61.1
145°	61.1
147.5°	61.1
150°	61.1
152.5°	60.1
155°	58.0
157.5°	55.9
160°	53.7
162.5°	50.6
165°	47.4
167.5°	44.3
170°	41.1
172.5°	39.0
175°	36.9
177.5°	35.8
180°	34.8

(END OF REPORT)