

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: P1505492

Luminaire Tested: PRLX-UHBS2-2436-MV-L8C5-U-B-06-BLAK-PS (4000K_L24_Narrow_120V)

Issue Date: 7/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1505492
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2602-677-115)
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-B-06-BLAK-PS (4000K_L24_Narrow_120V)
Description: PrentaLux UHBS2 6-INCH SELECTABLE HIGH BAY 2436 LIGHT ENGINE, CONIC BLACK SHADE, NARROW DISTRIBUTION
LIGHT LEVEL 1 - 24,000 LUMENS
Light Source:
Ballast/Driver: -

Summary

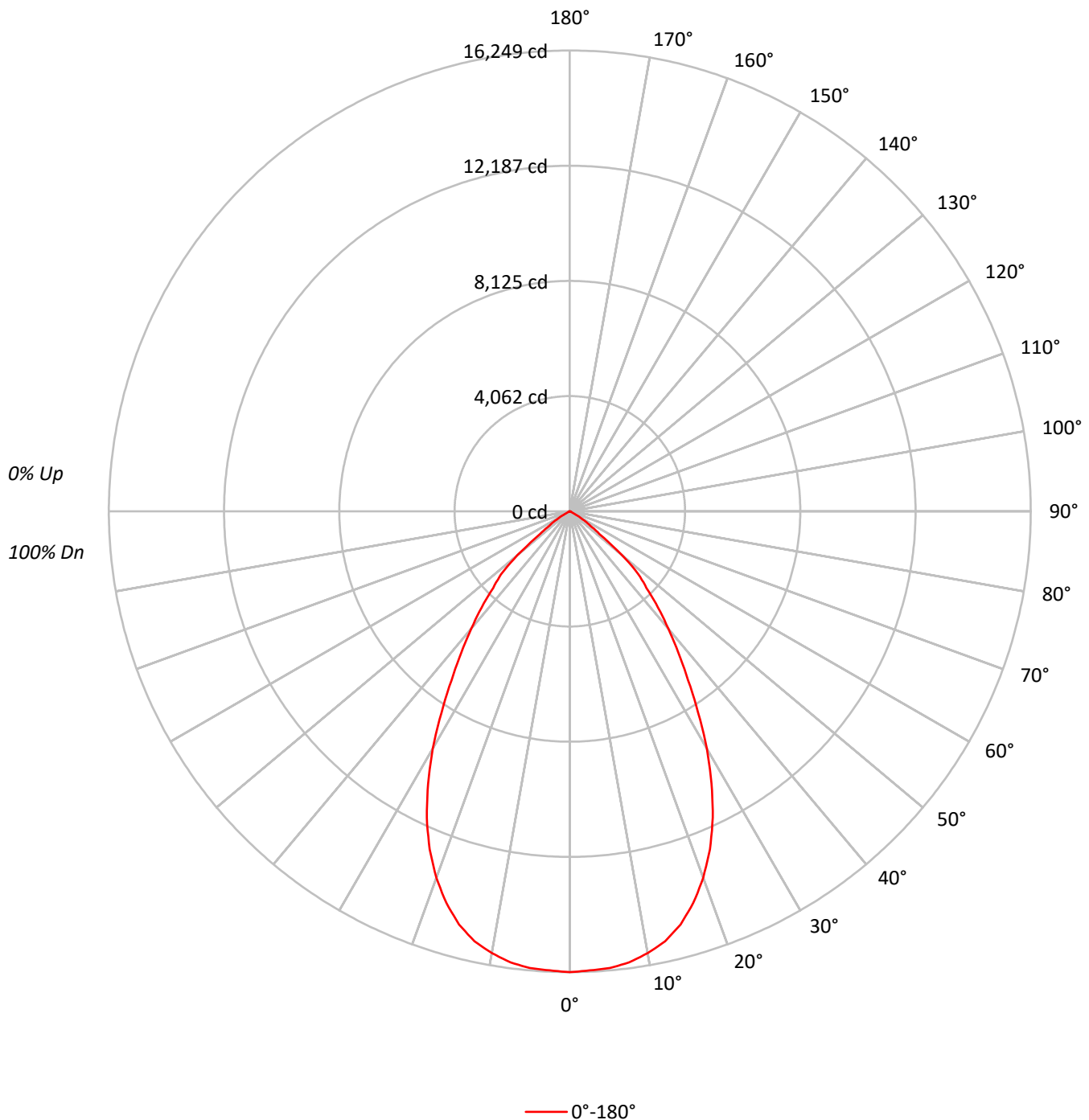
Lumens per Lamp: N/A
Luminaire Lumens: 19790.6 lumens
Efficiency: N/A
Efficacy: 127.1 lumens/watt
Spacing Criteria (0/90/45): 0.99 / 0.99 / 0.98
Luminous Opening: Circular (Dia: 1.47' x H: 0')
CIE Type: Direct

Input Watts (W): 155.7
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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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1532.1	7.7
10°-20°	4212.8	21.3
20°-30°	5423.0	27.4
30°-40°	4581.1	23.1
40°-50°	2991.9	15.1
50°-60°	916.6	4.6
60°-70°	104.0	0.5
70°-80°	21.7	0.1
80°-90°	7.5	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	11167.8	56.4
0°-40°	15748.9	79.6
0°-60°	19657.4	99.3
0°-90°	19790.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19790.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	16249	
5°	16164	###
15°	15082	4213
25°	11925	5423
35°	7272	4581
45°	3823	2992
55°	881	917
65°	64	104
75°	21	22
85°	7	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	16248.8
2.5°	16202.4
5°	16163.7
7.5°	16044.2
10°	15814.6
12.5°	15528.3
15°	15082.0
17.5°	14480.2
20°	13744.1
22.5°	12900.7
25°	11924.8
27.5°	10819.9
30°	9657.4
32.5°	8422.8
35°	7271.5
37.5°	6282.7
40°	5393.6
42.5°	4601.7
45°	3822.7
47.5°	3285.4
50°	2404.0
52.5°	1315.5
55°	881.3
57.5°	593.3
60°	329.3
62.5°	151.3
65°	63.6
67.5°	33.5
70°	26.7
72.5°	24.1
75°	20.6
77.5°	17.2
80°	13.8
82.5°	10.3
85°	6.9
87.5°	3.4
90°	0.0

(END OF REPORT)