

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: P1504553

Luminaire Tested: PRLX-UHBS2-1218-MV-L8C5-U-A-06-WHGL-PS (4000K_L18_Narrow_120V)

Issue Date: 7/31/2026

Test Information

Test Method: LM-79-2024
Report Number: P1504553
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA (G2-2602-677-46)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/31/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-UHBS2-1218-MV-L8C5-U-A-06-WHGL-PS (4000K_L18_Narrow_120V)
Description: PrentaLux UHBS2 6-INCH SELECTABLE HIGH BAY 1218 LIGHT ENGINE, DOMIC WHITE SHADE, NARROW DISTRIBUTION
LIGHT LEVEL 1 - 18,000 LUMENS
Light Source:
Ballast/Driver: -

Summary

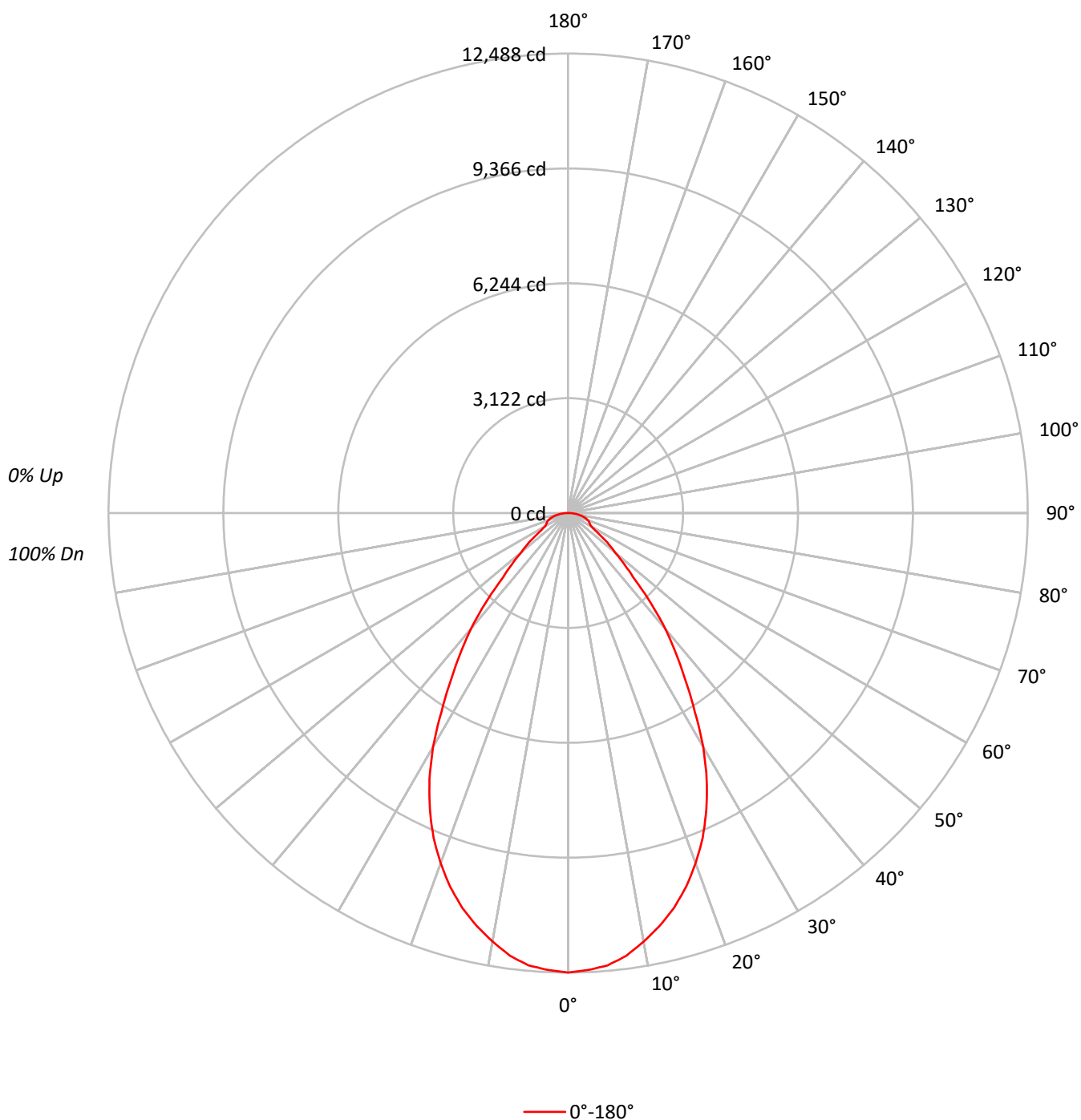
Lumens per Lamp: N/A
Luminaire Lumens: 16205.3 lumens
Efficiency: N/A
Efficacy: 135.8 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.98
Luminous Opening: Circular (Dia: 1.29' x H: 0')
CIE Type: Direct

Input Watts (W): 119.3
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°	1161.2	7.2
10°-20°	3109.7	19.2
20°-30°	4050.2	25.0
30°-40°	3496.0	21.6
40°-50°	2080.1	12.8
50°-60°	1013.2	6.3
60°-70°	639.5	3.9
70°-80°	479.4	3.0
80°-90°	176.0	1.1
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°	8321.2	51.3
0°-40°	11817.1	72.9
0°-60°	14910.4	92.0
0°-90°	16205.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16205.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12488	
5°	12338	###
15°	11107	3110
25°	8891	4050
35°	5561	3496
45°	2569	2080
55°	1103	1013
65°	641	640
75°	460	479
85°	164	176
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	12488.4
2.5°	12430.2
5°	12337.5
7.5°	12134.4
10°	11822.1
12.5°	11489.5
15°	11107.1
17.5°	10652.2
20°	10128.5
22.5°	9550.1
25°	8890.9
27.5°	8154.6
30°	7336.3
32.5°	6408.7
35°	5560.7
37.5°	4818.4
40°	4109.3
42.5°	3336.2
45°	2568.9
47.5°	2086.7
50°	1663.9
52.5°	1396.7
55°	1103.3
57.5°	858.7
60°	729.2
62.5°	675.8
65°	641.3
67.5°	612.8
70°	572.5
72.5°	521.4
75°	459.6
77.5°	390.7
80°	317.1
82.5°	242.3
85°	163.9
87.5°	81.9
90°	0.0

(END OF REPORT)