

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1175788

Luminaire Tested: UHBS2-1218-N-L83065-LOW-3500K-CLR6

Issue Date: 8/26/2025

Test Information

Test Method: LM-79-2019
Report Number: P1175788
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2505-439-3)
Test Lab: INNOVATION CENTER
Issue Date: 8/26/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: UHBS2-1218-N-L83065-LOW-3500K-CLR6
Description: UHBS2 LED High Bay at 3500K and LOW lumen setting 6in Deep Clear Refractor
Light Source: -
Ballast/Driver: -

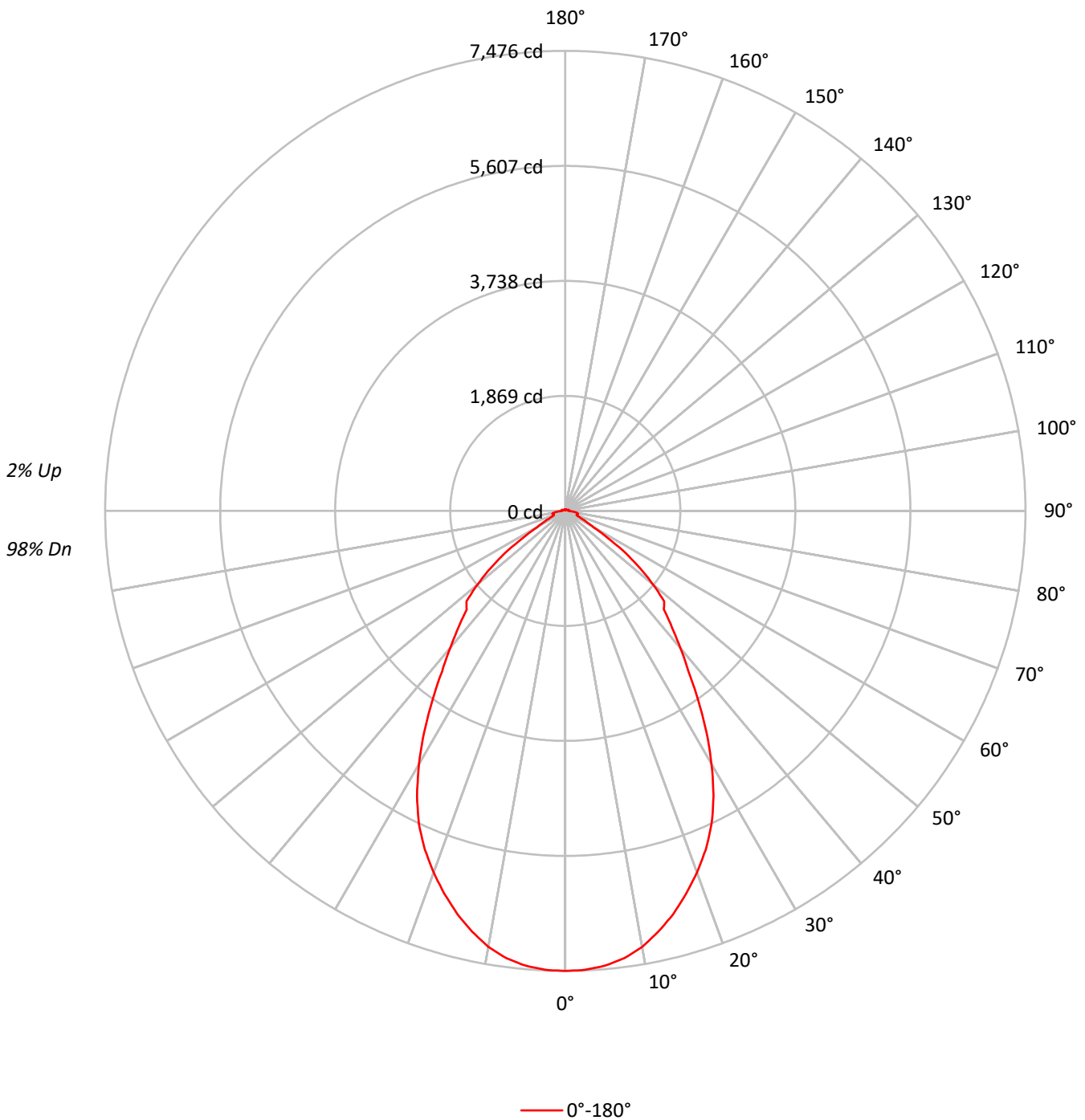
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11274.9 lumens
Efficiency: N/A
Efficacy: 142.0 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.03
Luminous Opening: Vertical Cylinder (Dia: 1.3' x H: 0.5')
CIE Type: Direct

Input Watts (W): 79.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.997
Total Harmonic Distortion (THDi): 7.2
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°	701.1	6.2
10°-20°	1901.9	16.9
20°-30°	2560.1	22.7
30°-40°	2357.3	20.9
40°-50°	1808.2	16.0
50°-60°	1052.8	9.3
60°-70°	307.9	2.7
70°-80°	216.5	1.9
80°-90°	135.6	1.2
90°-100°	57.1	0.5
100°-110°	63.6	0.6
110°-120°	43.0	0.4
120°-130°	24.4	0.2
130°-140°	15.9	0.1
140°-150°	13.5	0.1
150°-160°	9.9	0.1
160°-170°	4.7	0.0
170°-180°	1.2	0.0
0°-30°	5163.1	45.8
0°-40°	7520.4	66.7
0°-60°	10381.4	92.1
0°-90°	11041.4	97.9
90°-120°	163.8	1.5
90°-150°	217.6	1.9
90°-180°	233.0	2.1
0°-180°	11274.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7476	
5°	7419	701
15°	6780	1902
25°	5622	2560
35°	3768	2357
45°	2266	1808
55°	1196	1053
65°	283	308
75°	208	217
85°	122	117
90°	54	33
95°	49	43
105°	62	64
115°	43	43
125°	26	24
135°	20	16
145°	22	14
155°	22	10
165°	16	5
175°	12	1
180°	11	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	7475.6
2.5°	7465.2
5°	7418.8
7.5°	7332.6
10°	7192.3
12.5°	7001.9
15°	6780.2
17.5°	6525.4
20°	6252.6
22.5°	5958.9
25°	5621.6
27.5°	5216.2
30°	4751.9
32.5°	4269.7
35°	3767.6
37.5°	3291.1
40°	2905.5
42.5°	2564.5
45°	2266.1
47.5°	2177.0
50°	1860.6
52.5°	1535.7
55°	1195.6
57.5°	820.4
60°	528.6
62.5°	387.5
65°	283.3
67.5°	216.9
70°	195.2
72.5°	198.0
75°	208.4
77.5°	214.1
80°	200.8
82.5°	166.7
85°	122.2
87.5°	81.5
90°	54.0
92.5°	48.3
95°	49.3
97.5°	54.9
100°	59.7
102.5°	62.5
105°	62.5
107.5°	58.7
110°	54.0



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	48.3
115°	42.6
117.5°	37.9
120°	34.1
122.5°	30.3
125°	26.5
127.5°	23.7
130°	21.8
132.5°	20.8
135°	19.9
137.5°	19.9
140°	20.8
142.5°	20.8
145°	21.8
147.5°	21.8
150°	22.7
152.5°	22.7
155°	21.8
157.5°	19.9
160°	18.9
162.5°	18.0
165°	16.1
167.5°	15.2
170°	14.2
172.5°	13.3
175°	12.3
177.5°	11.4
180°	11.4

(END OF REPORT)