

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: IRiS

Report Number: P1275335

Luminaire Tested: P3AS05R209835DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209835DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

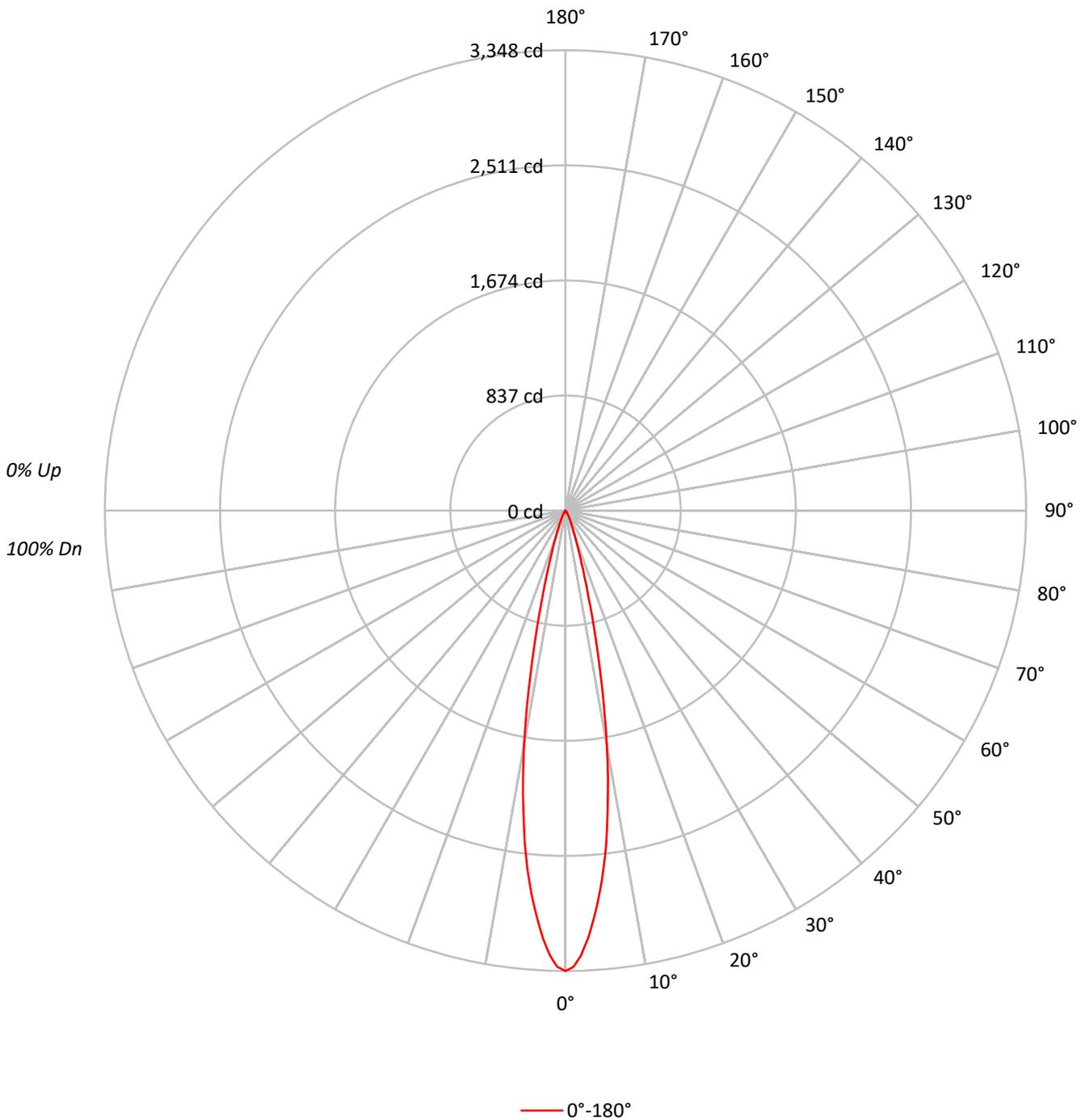
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 484.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	99	100
1	115	114	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	98	96	95	99	98	96
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	97	95	94
4	106	101	98	95	105	100	97	95	99	96	94	97	95	93	95	93	92	91	95	93	92
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	90	89	93	91	90
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	92	89	88	87	92	89	88
7	99	93	90	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	90	87	86
8	97	91	87	85	96	91	87	85	90	87	85	89	86	84	88	86	84	83	88	86	84
9	95	89	85	83	94	89	85	83	88	85	83	87	84	83	87	84	82	81	87	84	82
10	93	87	84	81	92	87	83	81	86	83	81	86	83	81	85	83	81	80	85	83	81

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	734196
5°	618158
10°	386098
15°	144337
20°	49541
25°	20638
30°	9723
35°	4363
40°	2061
45°	1054
50°	375
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1054 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.5	48.2
10°-20°	192.4	39.7
20°-30°	43.7	9.0
30°-40°	11.1	2.3
40°-50°	2.8	0.6
50°-60°	0.4	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	469.6	97.0
0°-40°	480.7	99.3
0°-60°	483.9	100.0
0°-90°	484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3348	
5°	2808	234
15°	636	192
25°	85	44
35°	16	11
45°	3	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3348.2
1°	3319.8
2°	3236.1
3°	3116.2
4°	2968.9
5°	2808.3
6°	2629.3
7°	2431.7
8°	2201.2
9°	1972.8
10°	1734.0
11°	1479.8
12°	1226.1
13°	1011.1
14°	805.6
15°	635.8
16°	501.9
17°	395.9
18°	318.1
19°	258.7
20°	212.3
21°	177.5
22°	148.2
23°	123.2
24°	102.8
25°	85.3
27.5°	55.8
30°	38.4
32.5°	23.7
35°	16.3
37.5°	10.4
40°	7.2
42.5°	4.9
45°	3.4
47.5°	2.3
50°	1.1
52.5°	0.6
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)