

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: P1275540

Luminaire Tested: P3AS05R559835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275540
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

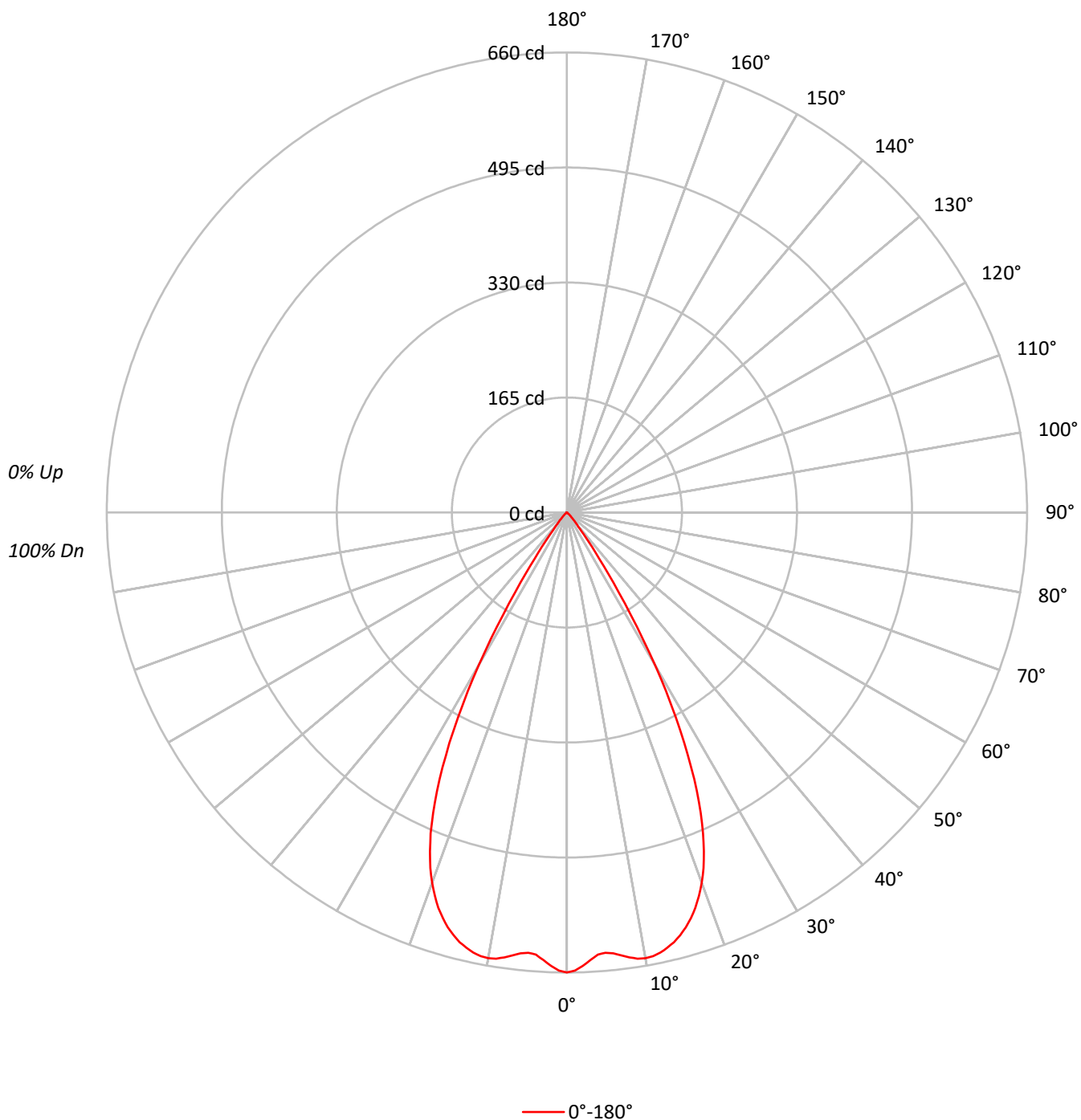
Lumens per Lamp: N/A
Luminaire Lumens: 499.0 lumens
Efficiency: N/A
Efficacy: 69.3 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1275540

CATALOG NUMBER: P3AS05R559835DE010 E3D1WMH

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	98	94	90	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	84	98	92	87	84	90	86	83		88	84	82		86
5	95	88	82	79	94	87	82	78	85	81	78		84	80	77		82
6	91	83	78	74	90	82	77	74	81	76	73		80	76	73		78
7	87	79	73	70	86	78	73	69	77	72	69		76	72	69		75
8	83	75	69	66	82	74	69	65	73	69	65		72	68	65		71
9	80	71	66	62	79	71	66	62	70	65	62		69	65	62		68
10	77	68	62	59	76	67	62	59	67	62	59		66	62	59		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144703
5°	139577
10°	144575
15°	142543
20°	131915
25°	106676
30°	63934
35°	21656
40°	5983
45°	2636
50°	785
55°	153
60°	88
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2636 cd/sqm

TEST NUMBER: P1275540

CATALOG NUMBER: P3AS05R559835DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	12.3
10°-20°	174.8	35.0
20°-30°	194.3	38.9
30°-40°	60.5	12.1
40°-50°	7.3	1.5
50°-60°	0.6	0.1
60°-70°	0.2	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°	430.5	86.3
0°-40°	491.0	98.4
0°-60°	498.8	100.0
0°-90°	499.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	499.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	660	
5°	634	61
15°	628	175
25°	441	194
35°	81	60
45°	8	7
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1275540

CATALOG NUMBER: P3AS05R559835DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	659.9
1°	657.4
2°	651.0
3°	643.0
4°	635.8
5°	634.1
6°	636.0
7°	640.0
8°	644.5
9°	648.2
10°	649.3
11°	648.5
12°	645.5
13°	640.8
14°	635.3
15°	627.9
16°	619.3
17°	608.5
18°	596.4
19°	581.8
20°	565.3
21°	546.5
22°	524.4
23°	499.9
24°	471.8
25°	440.9
26°	407.0
27°	371.0
28°	332.5
29°	292.9
30°	252.5
31°	211.9
32°	172.3
32.5°	154.7
33°	136.5
34°	105.6
35°	80.9
36°	61.6
37°	45.7
37.5°	39.1
38°	33.9
39°	25.8
40°	20.9
42.5°	13.3
45°	8.5



TEST NUMBER: P1275540

CATALOG NUMBER: P3AS05R559835DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	5.1
50°	2.3
52.5°	0.8
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.0
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)