

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: P1275435

Luminaire Tested: P3AS05R359835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275435
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

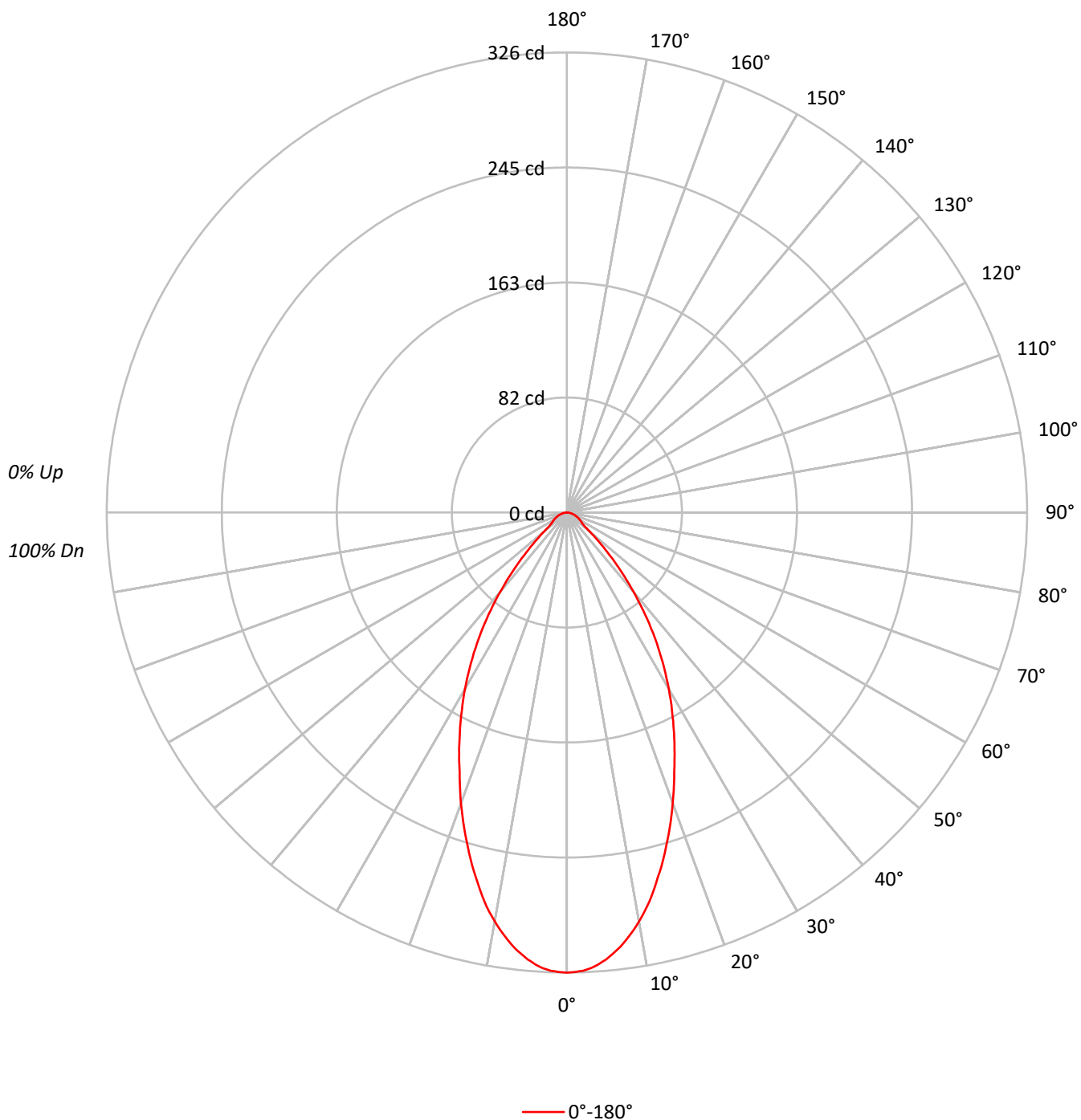
Lumens per Lamp: N/A
Luminaire Lumens: 313.0 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71507
5°	69976
10°	65530
15°	58820
20°	51174
25°	43599
30°	36537
35°	29098
40°	21039
45°	13304
50°	7266
55°	5046
60°	4736
65°	4410
70°	4231
75°	3643
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.6	9.5
10°-20°	72.1	23.0
20°-30°	82.6	26.4
30°-40°	67.4	21.5
40°-50°	34.0	10.9
50°-60°	12.6	4.0
60°-70°	8.5	2.7
70°-80°	4.7	1.5
80°-90°	1.4	0.5
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°	184.3	58.9
0°-40°	251.8	80.4
0°-60°	298.4	95.3
0°-90°	313.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	326	
5°	318	30
15°	259	72
25°	180	83
35°	109	67
45°	43	34
55°	13	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	326.1
1°	325.7
2°	324.9
3°	323.4
4°	321.0
5°	317.9
6°	314.1
7°	310.2
8°	305.2
9°	300.1
10°	294.3
11°	288.2
12°	281.6
13°	274.2
14°	266.5
15°	259.1
17.5°	239.4
20°	219.3
22.5°	198.8
25°	180.2
27.5°	162.1
30°	144.3
32.5°	126.5
35°	108.7
37.5°	90.9
40°	73.5
42.5°	57.2
45°	42.9
47.5°	30.9
50°	21.3
52.5°	15.5
55°	13.2
57.5°	12.0
60°	10.8
62.5°	9.7
65°	8.5
67.5°	7.3
70°	6.6
72.5°	5.4
75°	4.3
77.5°	3.5
80°	2.7
82.5°	1.9
85°	1.2
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)