

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: P1271749

Luminaire Tested: P3AS09R559827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

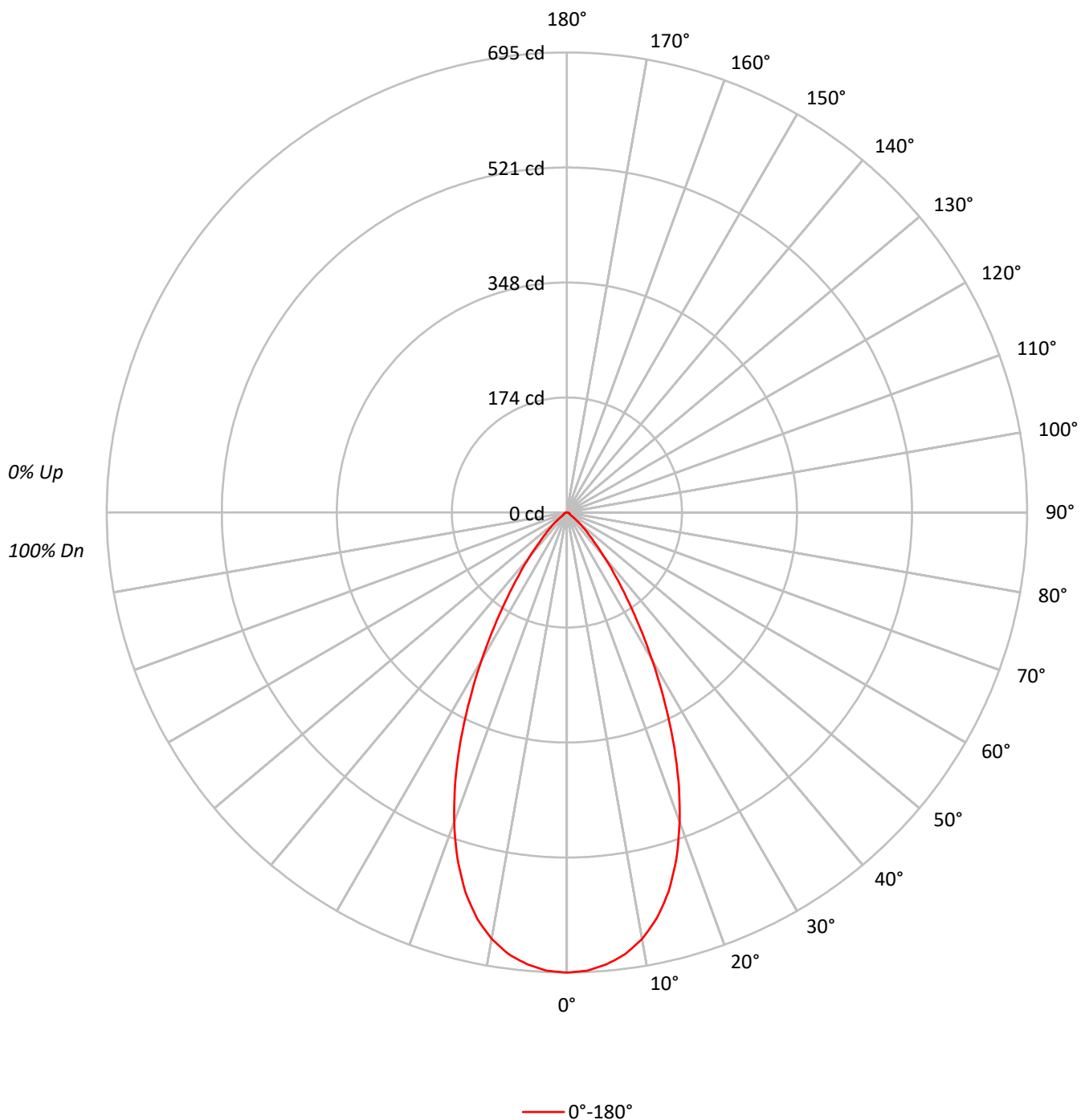
Lumens per Lamp: N/A
Luminaire Lumens: 555.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	95	90	86	92	88	85		89	86	84		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152400
5°	150847
10°	145689
15°	134666
20°	116210
25°	91771
30°	65099
35°	41974
40°	25219
45°	14203
50°	7642
55°	2714
60°	2456
65°	2387
70°	2308
75°	2118
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.5	11.6
10°-20°	164.0	29.6
20°-30°	171.9	31.0
30°-40°	100.3	18.1
40°-50°	37.5	6.8
50°-60°	8.8	1.6
60°-70°	4.6	0.8
70°-80°	2.7	0.5
80°-90°	0.7	0.1
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°	400.4	72.1
0°-40°	500.7	90.2
0°-60°	547.0	98.6
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	695	
5°	685	64
15°	593	164
25°	379	172
35°	157	100
45°	46	38
55°	7	9
65°	5	5
75°	2	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	695.0
2.5°	693.0
5°	685.3
7.5°	673.1
10°	654.3
12.5°	627.8
15°	593.2
17.5°	549.4
20°	498.0
22.5°	440.4
25°	379.3
27.5°	316.7
30°	257.1
32.5°	203.2
35°	156.8
37.5°	119.1
40°	88.1
42.5°	63.1
45°	45.8
47.5°	33.1
50°	22.4
52.5°	12.7
55°	7.1
57.5°	6.1
60°	5.6
62.5°	5.1
65°	4.6
67.5°	4.1
70°	3.6
72.5°	3.1
75°	2.5
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)