

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: P1256939

Luminaire Tested: P3AS09R259040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256939
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

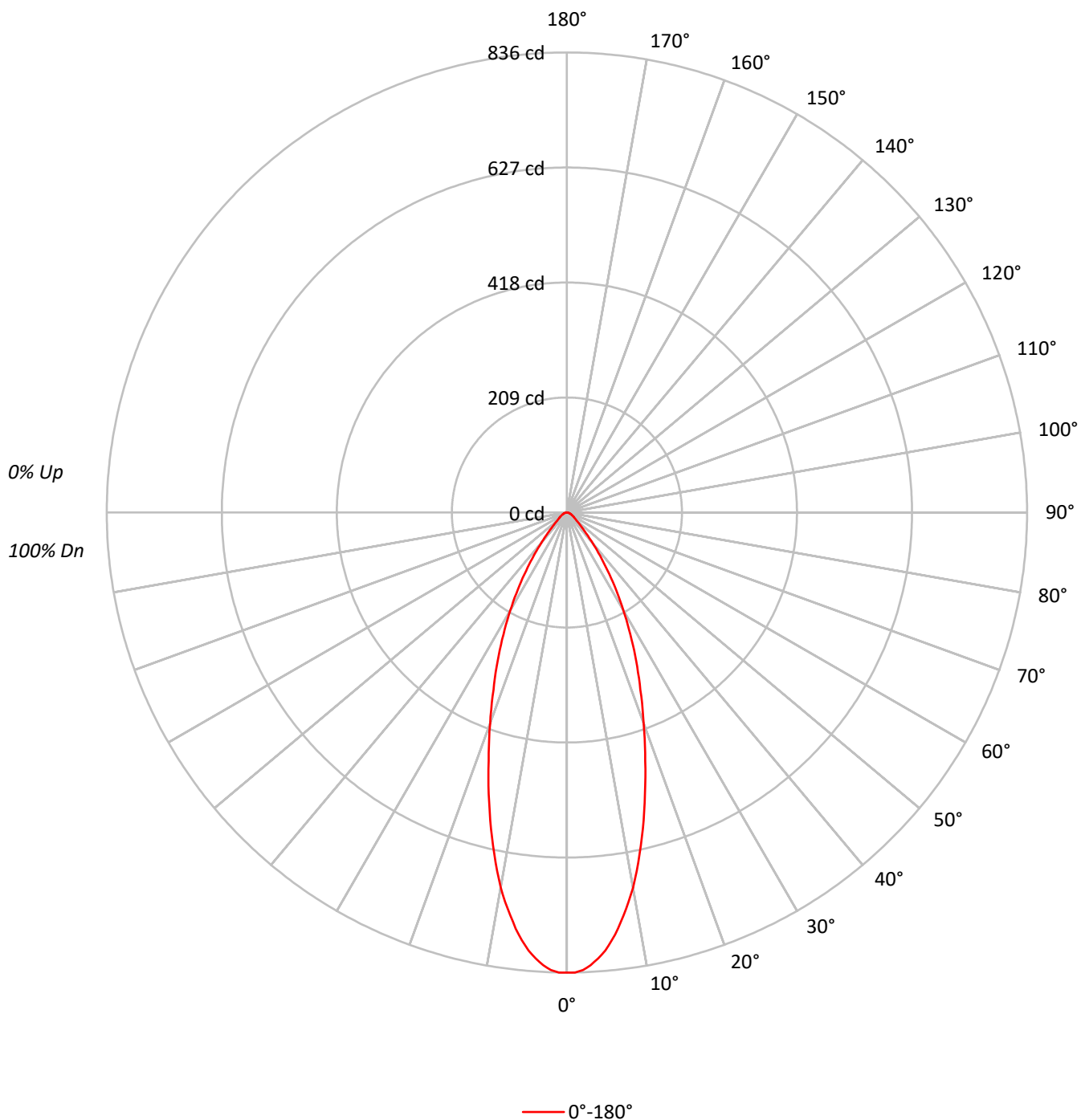
Lumens per Lamp: N/A
Luminaire Lumens: 505.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	183341
5°	175897
10°	154083
15°	123860
20°	95162
25°	72004
30°	52033
35°	34559
40°	20954
45°	12218
50°	7778
55°	6308
60°	5526
65°	4877
70°	4039
75°	3982
80°	3031
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.7	14.4
10°-20°	150.9	29.9
20°-30°	136.4	27.0
30°-40°	81.9	16.2
40°-50°	32.5	6.4
50°-60°	15.0	3.0
60°-70°	9.1	1.8
70°-80°	4.9	1.0
80°-90°	1.4	0.3
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°	360.1	71.3
0°-40°	442.0	87.5
0°-60°	489.6	96.9
0°-90°	505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	836	
5°	799	73
15°	546	151
25°	298	136
35°	129	82
45°	39	33
55°	16	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	836.1
1°	836.1
2°	832.2
3°	823.5
4°	812.5
5°	799.1
6°	781.8
7°	762.1
8°	739.3
9°	716.4
10°	692.0
11°	663.7
12°	634.6
13°	605.4
14°	576.3
15°	545.6
17.5°	473.2
20°	407.8
22.5°	348.8
25°	297.6
27.5°	249.6
30°	205.5
32.5°	165.3
35°	129.1
37.5°	98.4
40°	73.2
42.5°	53.5
45°	39.4
47.5°	29.9
50°	22.8
52.5°	18.9
55°	16.5
57.5°	14.2
60°	12.6
62.5°	10.2
65°	9.4
67.5°	7.9
70°	6.3
72.5°	5.5
75°	4.7
77.5°	3.9
80°	2.4
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)