

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: P1275924

Luminaire Tested: P3AS09R609835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275924
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

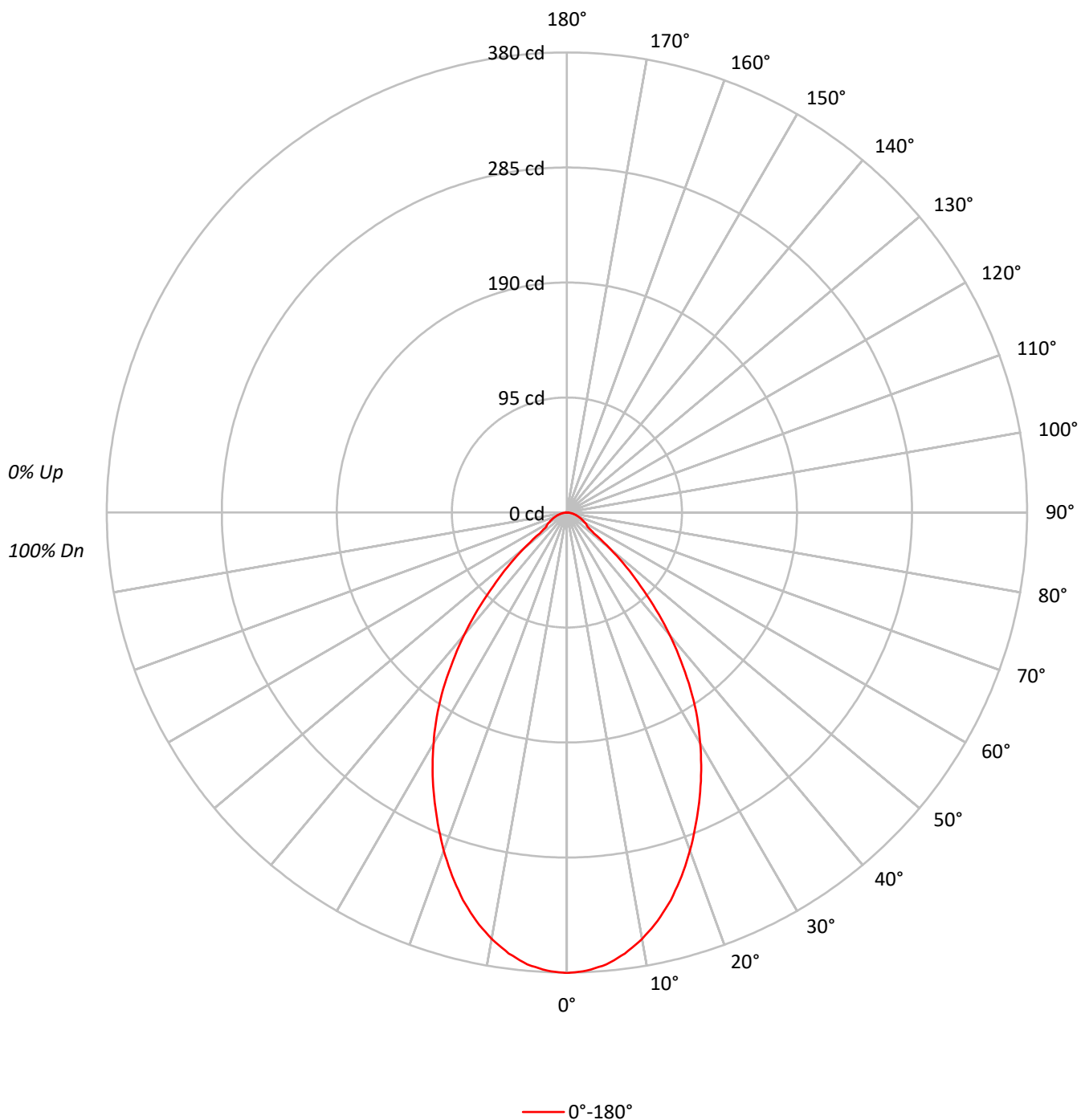
Lumens per Lamp: N/A
Luminaire Lumens: 470.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83436
5°	82500
10°	79647
15°	75233
20°	69353
25°	62786
30°	55755
35°	47649
40°	37871
45°	26700
50°	15965
55°	8067
60°	7763
65°	7108
70°	6604
75°	6270
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.2	7.5
10°-20°	92.6	19.7
20°-30°	118.9	25.3
30°-40°	110.3	23.5
40°-50°	67.1	14.3
50°-60°	22.4	4.8
60°-70°	13.6	2.9
70°-80°	7.7	1.6
80°-90°	2.2	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°	246.8	52.5
0°-40°	357.0	76.0
0°-60°	446.6	95.0
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	380	
5°	375	35
15°	331	93
25°	260	119
35°	178	110
45°	86	67
55°	21	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	380.5
2.5°	378.8
5°	374.8
7.5°	367.4
10°	357.7
12.5°	345.7
15°	331.4
17.5°	314.9
20°	297.2
22.5°	278.4
25°	259.5
27.5°	240.2
30°	220.2
32.5°	200.2
35°	178.0
37.5°	154.6
40°	132.3
42.5°	109.0
45°	86.1
47.5°	66.7
50°	46.8
52.5°	28.0
55°	21.1
57.5°	19.4
60°	17.7
62.5°	15.4
65°	13.7
67.5°	12.0
70°	10.3
72.5°	8.6
75°	7.4
77.5°	5.7
80°	4.6
82.5°	2.9
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)