

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: P1251734

Luminaire Tested: P3AS09R609030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251734
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: P3AS09R609030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

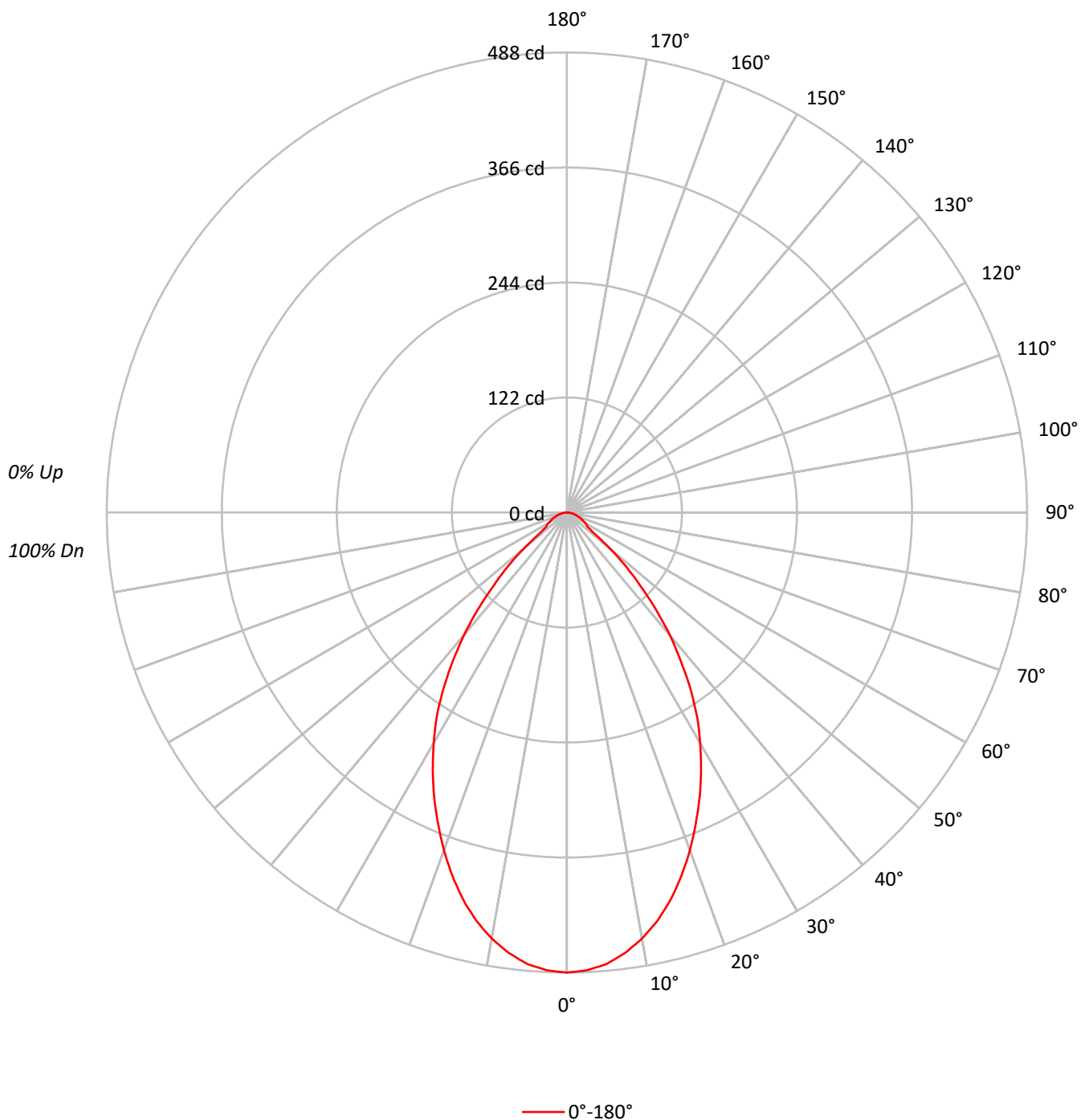
Lumens per Lamp: N/A
Luminaire Lumens: 603.1 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	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°	107031
5°	105833
10°	102180
15°	96527
20°	88978
25°	80569
30°	71530
35°	61114
40°	48605
45°	34267
50°	20468
55°	10360
60°	9955
65°	9132
70°	8463
75°	8049
80°	7450
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34267 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.2	7.5
10°-20°	118.8	19.7
20°-30°	152.6	25.3
30°-40°	141.5	23.5
40°-50°	86.1	14.3
50°-60°	28.7	4.8
60°-70°	17.5	2.9
70°-80°	9.8	1.6
80°-90°	2.8	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°	316.6	52.5
0°-40°	458.1	76.0
0°-60°	572.9	95.0
0°-90°	603.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	603.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	488	
5°	481	45
15°	425	119
25°	333	153
35°	228	141
45°	110	86
55°	27	29
65°	18	17
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	488.1
2.5°	486.0
5°	480.8
7.5°	471.3
10°	458.9
12.5°	443.5
15°	425.2
17.5°	404.0
20°	381.3
22.5°	357.1
25°	333.0
27.5°	308.1
30°	282.5
32.5°	256.9
35°	228.3
37.5°	198.3
40°	169.8
42.5°	139.8
45°	110.5
47.5°	85.6
50°	60.0
52.5°	35.9
55°	27.1
57.5°	24.9
60°	22.7
62.5°	19.8
65°	17.6
67.5°	15.4
70°	13.2
72.5°	11.0
75°	9.5
77.5°	7.3
80°	5.9
82.5°	3.7
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)