

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: P1259745

Luminaire Tested: P3AS09R609050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259745
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: P3AS09R609050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

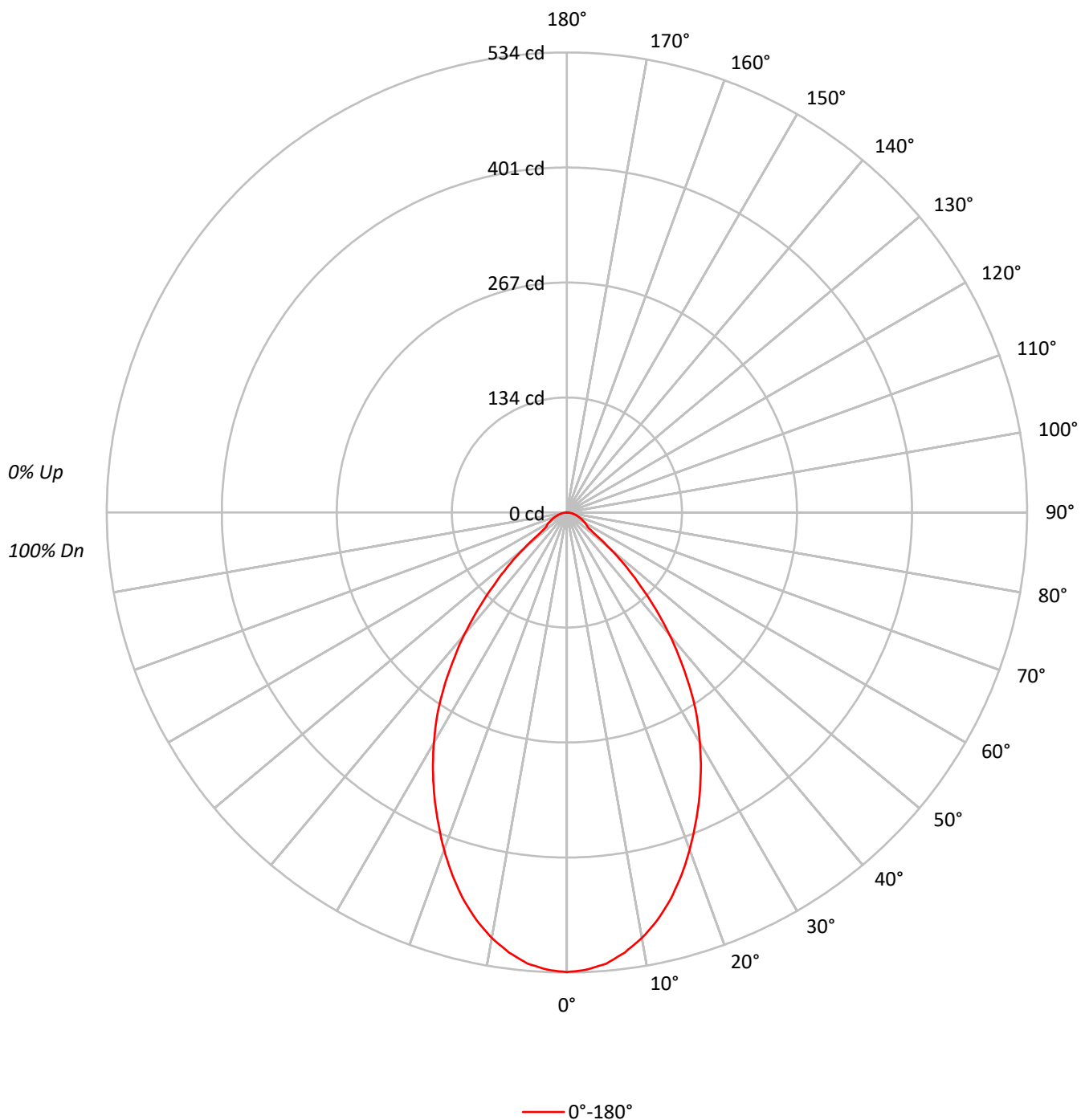
Lumens per Lamp: N/A
Luminaire Lumens: 659.0 lumens
Efficiency: N/A
Efficacy: 59.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	116986
5°	115672
10°	111666
15°	105494
20°	97238
25°	88045
30°	78164
35°	66789
40°	53128
45°	37461
50°	22379
55°	11316
60°	10876
65°	9962
70°	9232
75°	8811
80°	8082
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37461 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.4	7.5
10°-20°	129.9	19.7
20°-30°	166.7	25.3
30°-40°	154.6	23.5
40°-50°	94.1	14.3
50°-60°	31.4	4.8
60°-70°	19.1	2.9
70°-80°	10.8	1.6
80°-90°	3.0	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°	346.0	52.5
0°-40°	500.6	76.0
0°-60°	626.1	95.0
0°-90°	659.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	659.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	534	
5°	526	49
15°	465	130
25°	364	167
35°	250	155
45°	121	94
55°	30	31
65°	19	19
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	533.5
2.5°	531.1
5°	525.5
7.5°	515.1
10°	501.5
12.5°	484.7
15°	464.7
17.5°	441.5
20°	416.7
22.5°	390.3
25°	363.9
27.5°	336.7
30°	308.7
32.5°	280.7
35°	249.5
37.5°	216.8
40°	185.6
42.5°	152.8
45°	120.8
47.5°	93.6
50°	65.6
52.5°	39.2
55°	29.6
57.5°	27.2
60°	24.8
62.5°	21.6
65°	19.2
67.5°	16.8
70°	14.4
72.5°	12.0
75°	10.4
77.5°	8.0
80°	6.4
82.5°	4.0
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)