

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: P1246281

Luminaire Tested: P3A05R609024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246281
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: P3A05R609024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

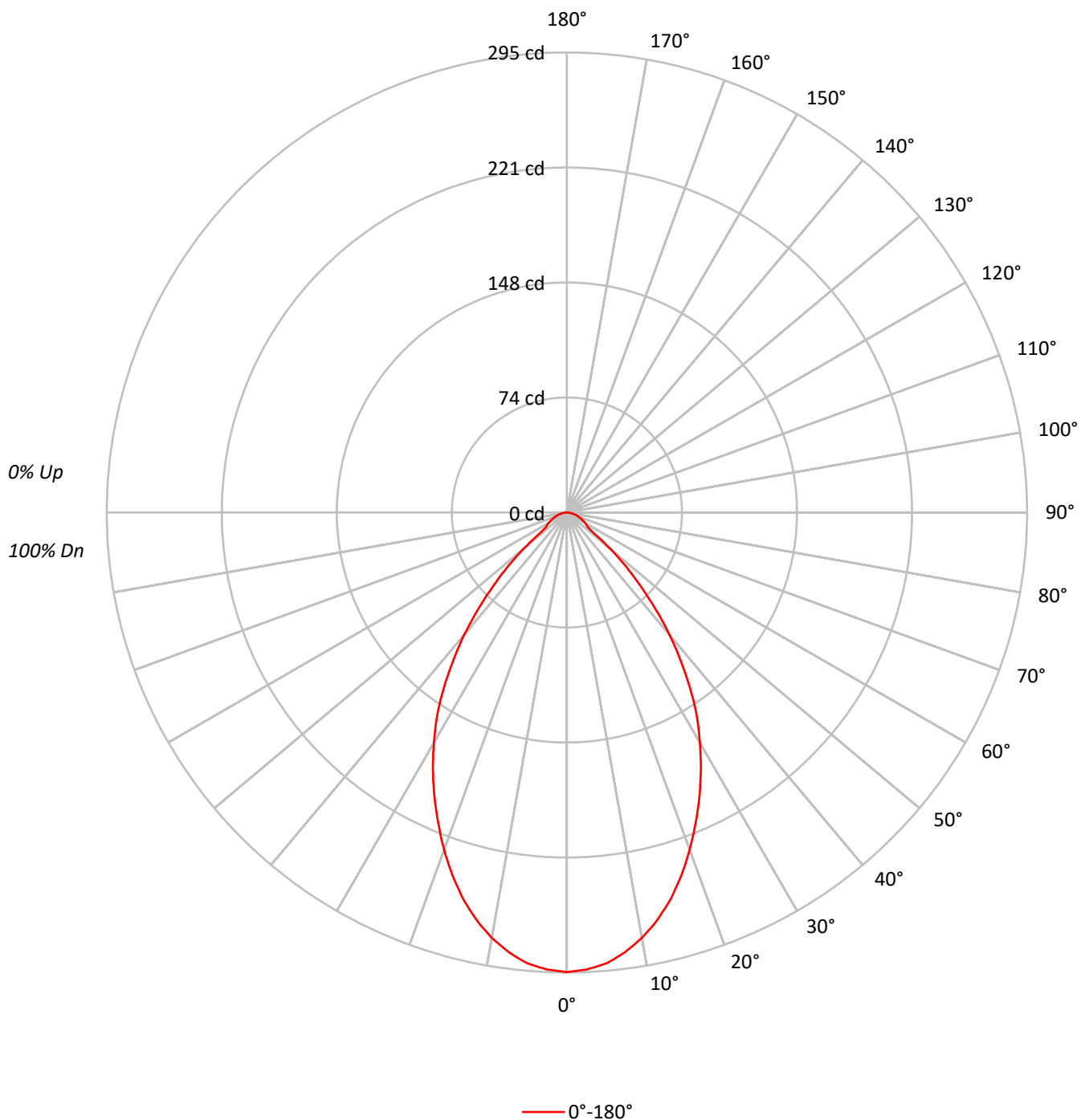
Lumens per Lamp: N/A
Luminaire Lumens: 363.9 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	98	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	71		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°	64622
5°	63900
10°	61678
15°	58275
20°	53718
25°	48632
30°	43171
35°	36888
40°	29341
45°	20684
50°	12349
55°	6232
60°	6008
65°	5500
70°	5129
75°	4829
80°	4420
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20684 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	7.5
10°-20°	71.7	19.7
20°-30°	92.1	25.3
30°-40°	85.4	23.5
40°-50°	52.0	14.3
50°-60°	17.3	4.8
60°-70°	10.5	2.9
70°-80°	5.9	1.6
80°-90°	1.7	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°	191.1	52.5
0°-40°	276.5	76.0
0°-60°	345.8	95.0
0°-90°	363.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	363.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	295	
5°	290	27
15°	257	72
25°	201	92
35°	138	85
45°	67	52
55°	16	17
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	294.7
2.5°	293.3
5°	290.3
7.5°	284.5
10°	277.0
12.5°	267.7
15°	256.7
17.5°	243.9
20°	230.2
22.5°	215.6
25°	201.0
27.5°	186.0
30°	170.5
32.5°	155.1
35°	137.8
37.5°	119.7
40°	102.5
42.5°	84.4
45°	66.7
47.5°	51.7
50°	36.2
52.5°	21.6
55°	16.3
57.5°	15.0
60°	13.7
62.5°	11.9
65°	10.6
67.5°	9.3
70°	8.0
72.5°	6.6
75°	5.7
77.5°	4.4
80°	3.5
82.5°	2.2
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)