

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: P1266622

Luminaire Tested: P3A05R259735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266622
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: P3A05R259735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

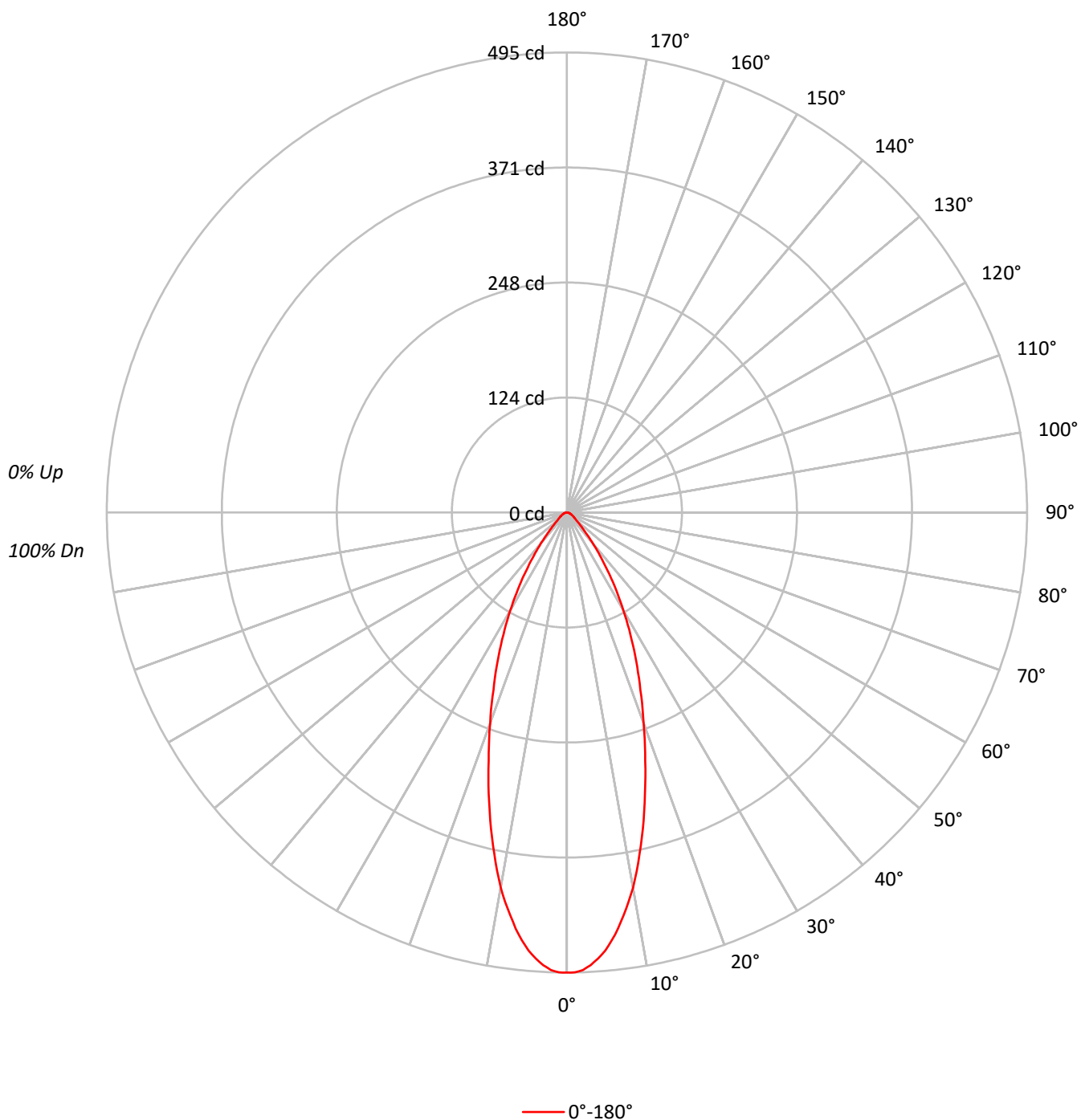
Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 41.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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		64	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°	108544
5°	104138
10°	91225
15°	73326
20°	56355
25°	42631
30°	30815
35°	20452
40°	12423
45°	7226
50°	4605
55°	3747
60°	3289
65°	2906
70°	2372
75°	2372
80°	1768
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	14.4
10°-20°	89.3	29.9
20°-30°	80.8	27.0
30°-40°	48.5	16.2
40°-50°	19.3	6.4
50°-60°	8.9	3.0
60°-70°	5.4	1.8
70°-80°	2.9	1.0
80°-90°	0.8	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°	213.2	71.3
0°-40°	261.7	87.5
0°-60°	289.9	96.9
0°-90°	299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	495	
5°	473	43
15°	323	89
25°	176	81
35°	76	49
45°	23	19
55°	10	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	495.0
1°	495.0
2°	492.7
3°	487.6
4°	481.1
5°	473.1
6°	462.9
7°	451.2
8°	437.7
9°	424.2
10°	409.7
11°	393.0
12°	375.7
13°	358.5
14°	341.2
15°	323.0
17.5°	280.2
20°	241.5
22.5°	206.5
25°	176.2
27.5°	147.8
30°	121.7
32.5°	97.9
35°	76.4
37.5°	58.3
40°	43.4
42.5°	31.7
45°	23.3
47.5°	17.7
50°	13.5
52.5°	11.2
55°	9.8
57.5°	8.4
60°	7.5
62.5°	6.1
65°	5.6
67.5°	4.7
70°	3.7
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.4
82.5°	0.9
85°	0.9
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)