

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: P1290379

Luminaire Tested: P3A05R55W2N902750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290379
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R55W2N902750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

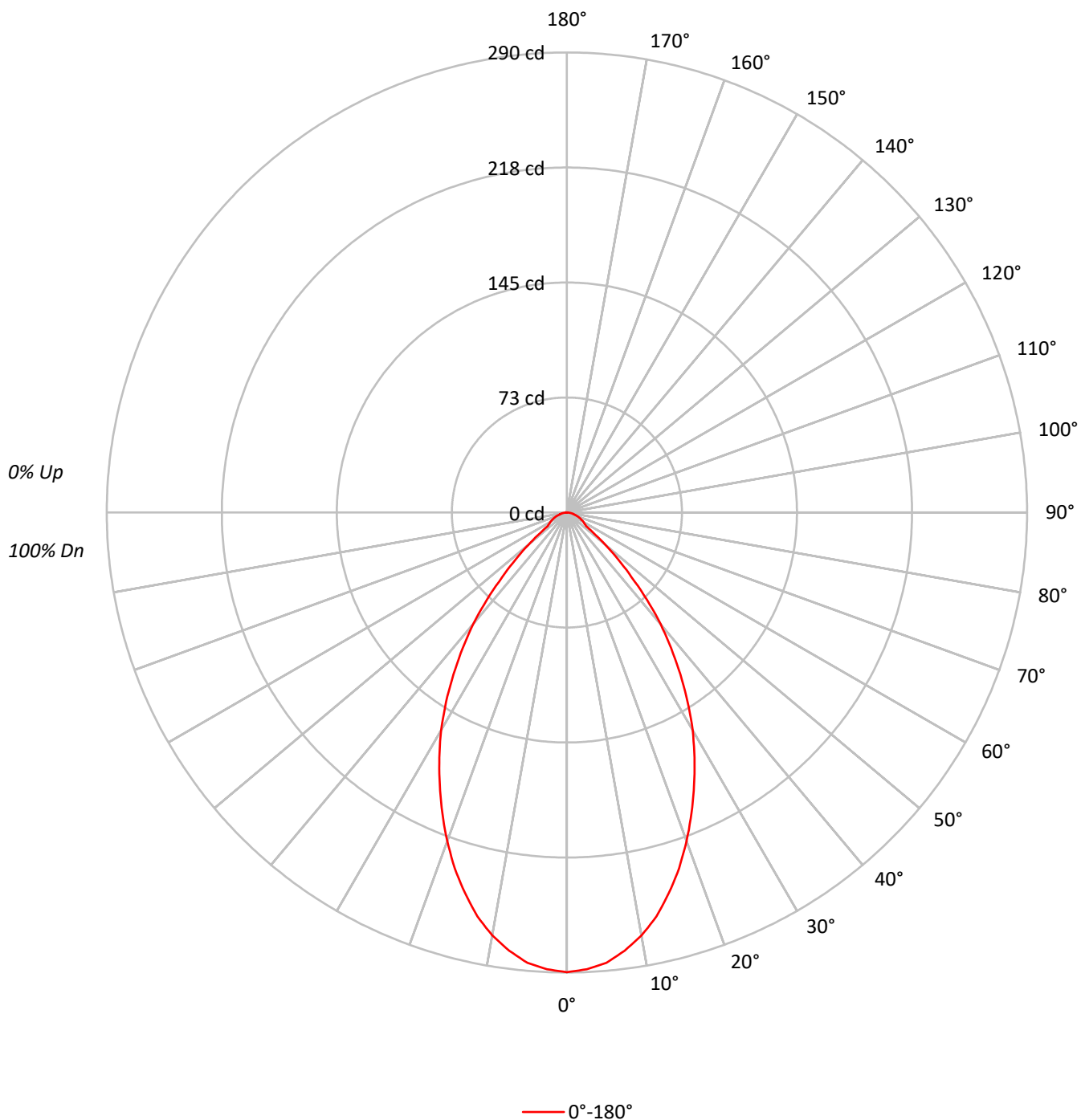
Lumens per Lamp: N/A
Luminaire Lumens: 338.1 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	30	10	50	30	10	
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63548
5°	62734
10°	60275
15°	56368
20°	51431
25°	45874
30°	40133
35°	33354
40°	26278
45°	17831
50°	10882
55°	5658
60°	5263
65°	4981
70°	4616
75°	4067
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17831 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	7.9
10°-20°	69.4	20.5
20°-30°	86.9	25.7
30°-40°	77.6	22.9
40°-50°	45.4	13.4
50°-60°	15.7	4.6
60°-70°	9.5	2.8
70°-80°	5.3	1.6
80°-90°	1.5	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°	183.0	54.1
0°-40°	260.6	77.1
0°-60°	321.8	95.2
0°-90°	338.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	285	27
15°	248	69
25°	190	87
35°	125	78
45°	58	45
55°	15	16
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	289.8
2.5°	288.2
5°	285.0
7.5°	278.6
10°	270.7
12.5°	260.7
15°	248.3
17.5°	235.1
20°	220.4
22.5°	205.2
25°	189.6
27.5°	174.1
30°	158.5
32.5°	141.7
35°	124.6
37.5°	107.8
40°	91.8
42.5°	74.7
45°	57.5
47.5°	43.9
50°	31.9
52.5°	20.8
55°	14.8
57.5°	13.2
60°	12.0
62.5°	10.8
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	4.8
77.5°	4.0
80°	3.2
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)