

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: P1290365

Luminaire Tested: P3A05R55W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290365
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 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

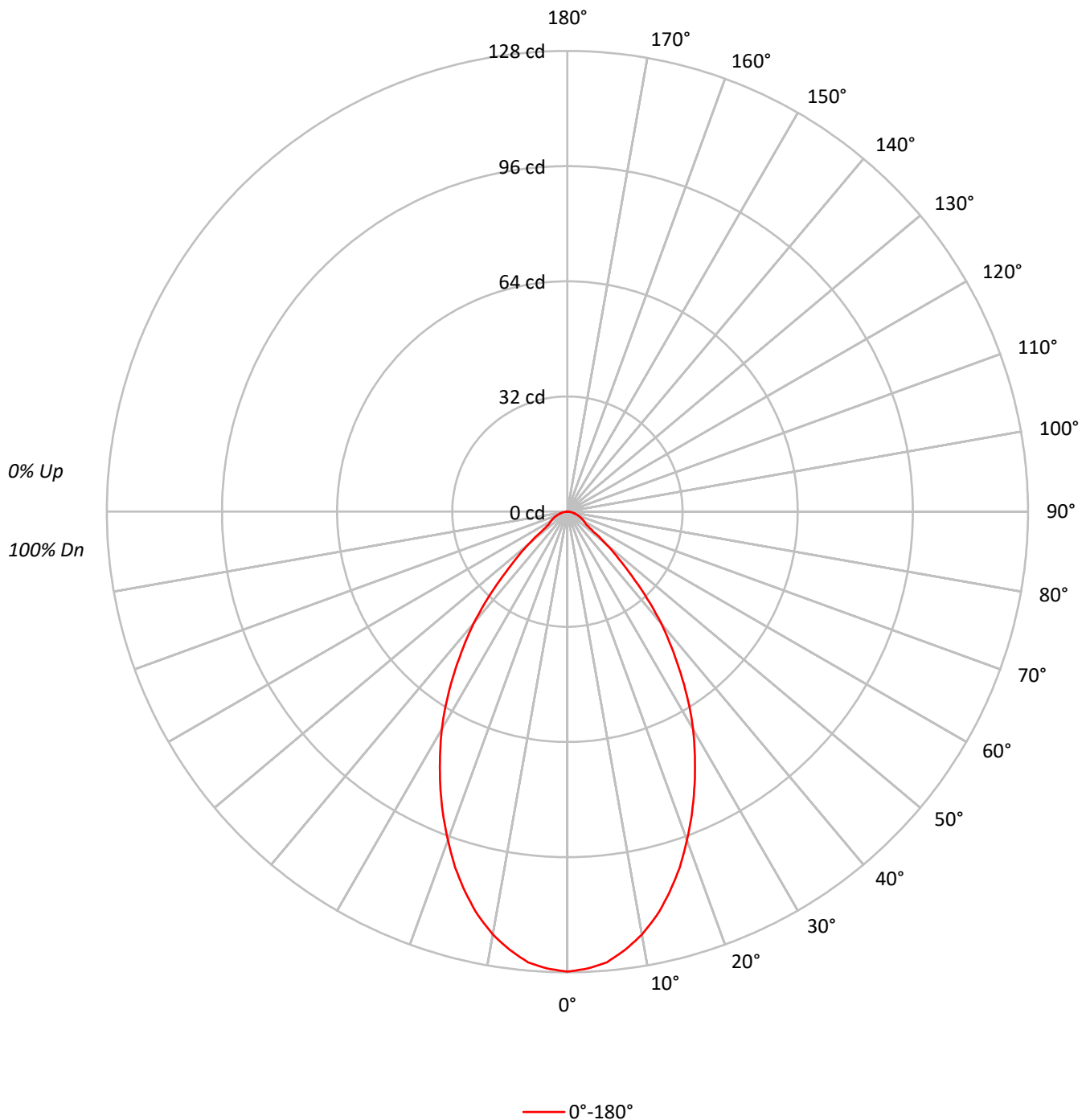
Lumens per Lamp: N/A
Luminaire Lumens: 149.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	28024
5°	27669
10°	26564
15°	24858
20°	22659
25°	20227
30°	17699
35°	14696
40°	11593
45°	7846
50°	4810
55°	2485
60°	2324
65°	2179
70°	2052
75°	1779
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7846 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	7.9
10°-20°	30.6	20.5
20°-30°	38.3	25.7
30°-40°	34.2	22.9
40°-50°	20.0	13.4
50°-60°	6.9	4.6
60°-70°	4.2	2.8
70°-80°	2.3	1.6
80°-90°	0.7	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°	80.7	54.1
0°-40°	114.9	77.1
0°-60°	141.9	95.2
0°-90°	149.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	149.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	128	
5°	126	12
15°	110	31
25°	84	38
35°	55	34
45°	25	20
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	127.8
2.5°	127.1
5°	125.7
7.5°	122.8
10°	119.3
12.5°	114.9
15°	109.5
17.5°	103.7
20°	97.1
22.5°	90.5
25°	83.6
27.5°	76.7
30°	69.9
32.5°	62.5
35°	54.9
37.5°	47.5
40°	40.5
42.5°	32.9
45°	25.3
47.5°	19.4
50°	14.1
52.5°	9.2
55°	6.5
57.5°	5.8
60°	5.3
62.5°	4.8
65°	4.2
67.5°	3.7
70°	3.2
72.5°	2.6
75°	2.1
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)