

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: P1290366

Luminaire Tested: P3A05R55W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290366
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

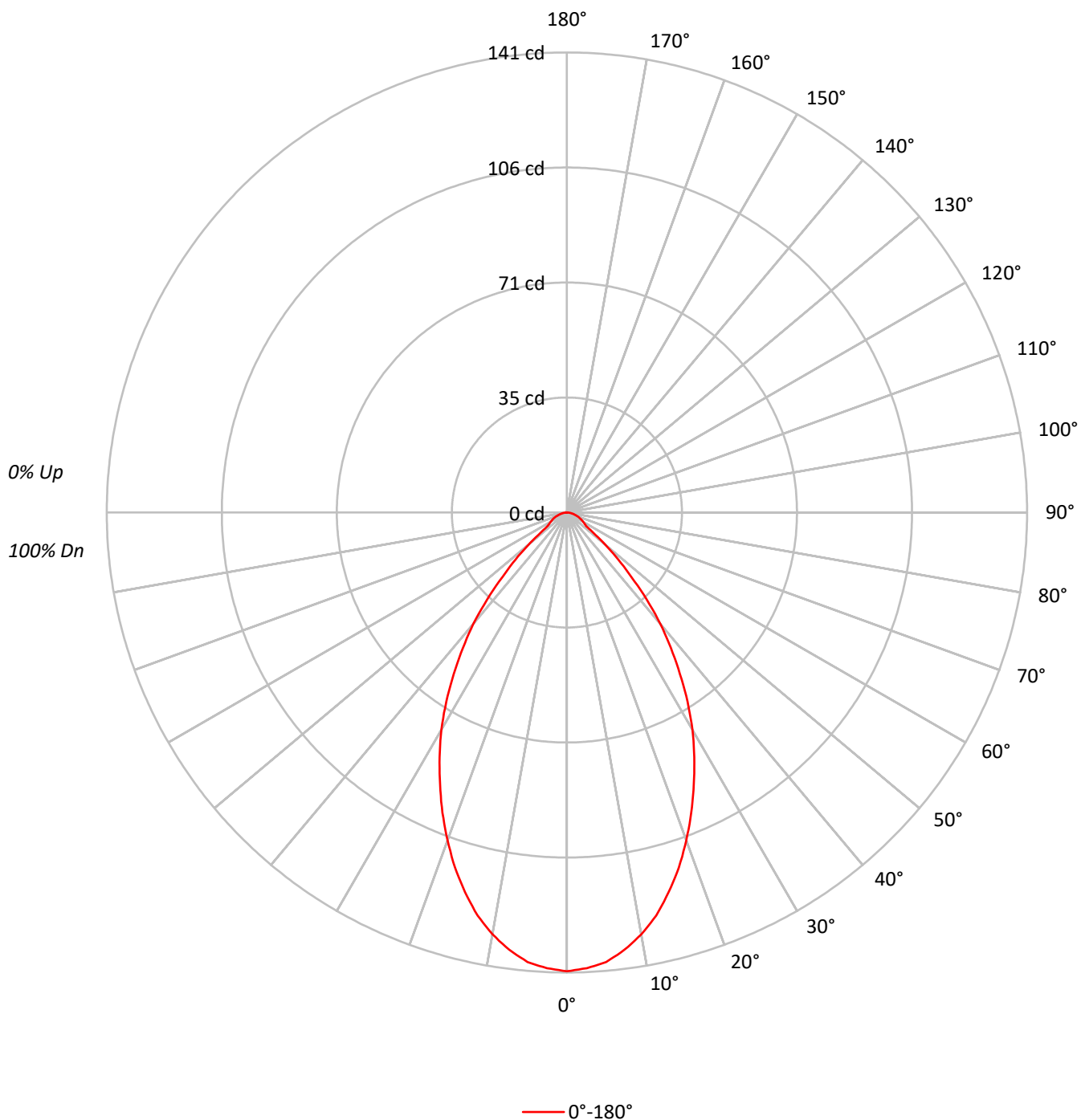
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	55	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°	30831
5°	30442
10°	29236
15°	27355
20°	24946
25°	22259
30°	19471
35°	16169
40°	12767
45°	8652
50°	5288
55°	2753
60°	2544
65°	2387
70°	2244
75°	1949
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	7.9
10°-20°	33.7	20.5
20°-30°	42.2	25.7
30°-40°	37.6	23.0
40°-50°	22.0	13.4
50°-60°	7.6	4.7
60°-70°	4.6	2.8
70°-80°	2.5	1.5
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°	88.8	54.2
0°-40°	126.5	77.1
0°-60°	156.1	95.2
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	141	
5°	138	13
15°	120	34
25°	92	42
35°	60	38
45°	28	22
55°	7	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	140.6
2.5°	139.8
5°	138.3
7.5°	135.2
10°	131.3
12.5°	126.5
15°	120.5
17.5°	114.1
20°	106.9
22.5°	99.6
25°	92.0
27.5°	84.5
30°	76.9
32.5°	68.8
35°	60.4
37.5°	52.3
40°	44.6
42.5°	36.2
45°	27.9
47.5°	21.3
50°	15.5
52.5°	10.1
55°	7.2
57.5°	6.4
60°	5.8
62.5°	5.2
65°	4.6
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)