

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: P1290531

Luminaire Tested: P3A05R55W2N902765DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290531
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: P3A05R55W2N902765DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

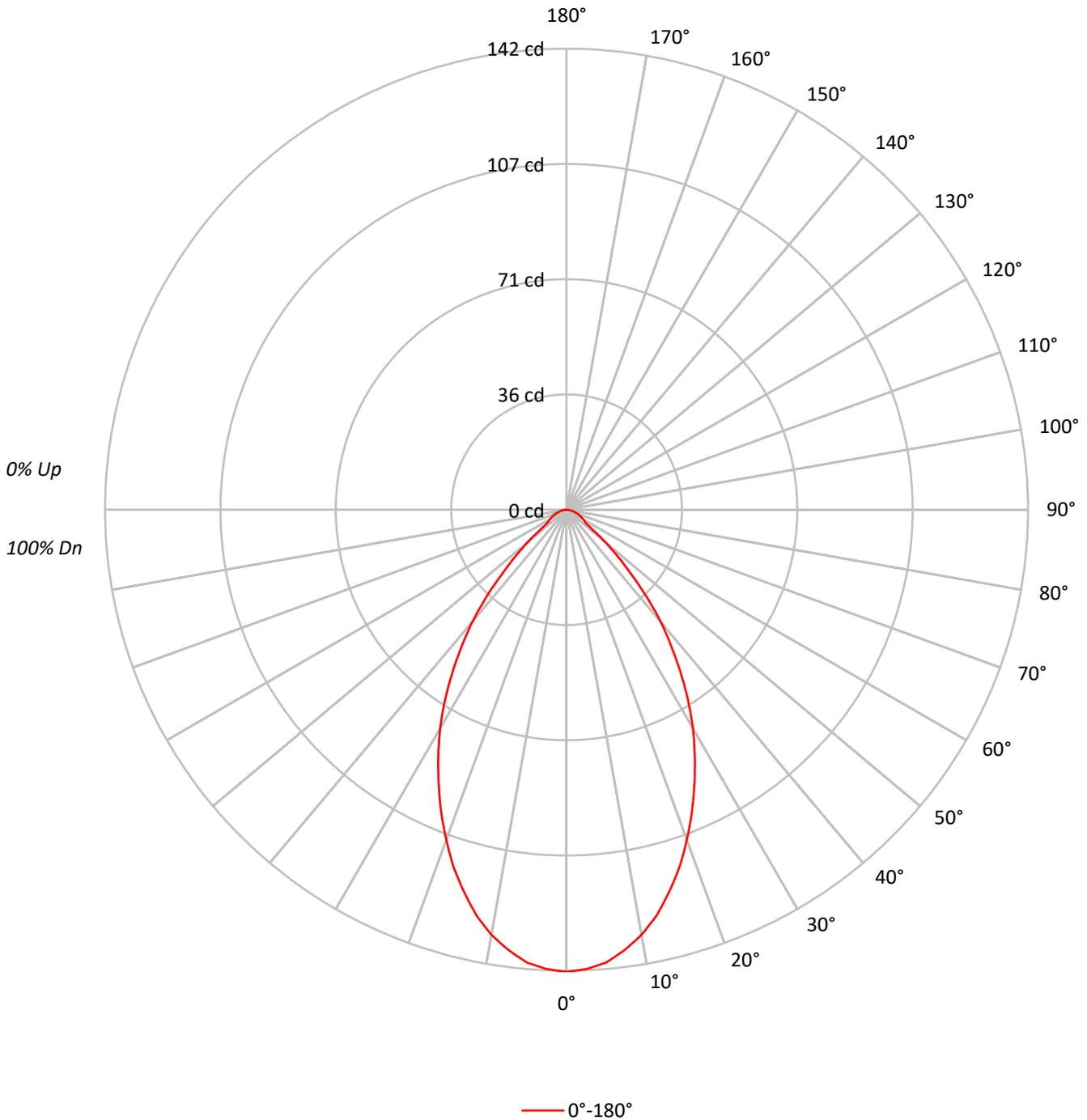
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 166.0 lumens
Efficiency: N/A
Efficacy: 28.1 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

TEST NUMBER: P1290531
CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1290531

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLD1GPH_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
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	63	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°	31204
5°	30817
10°	29592
15°	27673
20°	25249
25°	22525
30°	19699
35°	16383
40°	12910
45°	8745
50°	5356
55°	2791
60°	2588
65°	2439
70°	2244
75°	2033
80°	2020
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8745 cd/sqm



TEST NUMBER: P1290531

CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	7.9
10°-20°	34.1	20.5
20°-30°	42.7	25.7
30°-40°	38.1	22.9
40°-50°	22.3	13.4
50°-60°	7.7	4.7
60°-70°	4.7	2.8
70°-80°	2.6	1.6
80°-90°	0.8	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°	89.9	54.1
0°-40°	128.0	77.1
0°-60°	158.0	95.2
0°-90°	166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	166.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	142	
5°	140	13
15°	122	34
25°	93	43
35°	61	38
45°	28	22
55°	7	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1290531
CATALOG NUMBER: P3A05R55W2N902765DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	142.3
2.5°	141.6
5°	140.0
7.5°	136.8
10°	132.9
12.5°	128.0
15°	121.9
17.5°	115.5
20°	108.2
22.5°	100.8
25°	93.1
27.5°	85.5
30°	77.8
32.5°	69.6
35°	61.2
37.5°	52.9
40°	45.1
42.5°	36.7
45°	28.2
47.5°	21.6
50°	15.7
52.5°	10.2
55°	7.3
57.5°	6.5
60°	5.9
62.5°	5.3
65°	4.7
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)