

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: P1291292

Luminaire Tested: P3A05R70W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R70W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

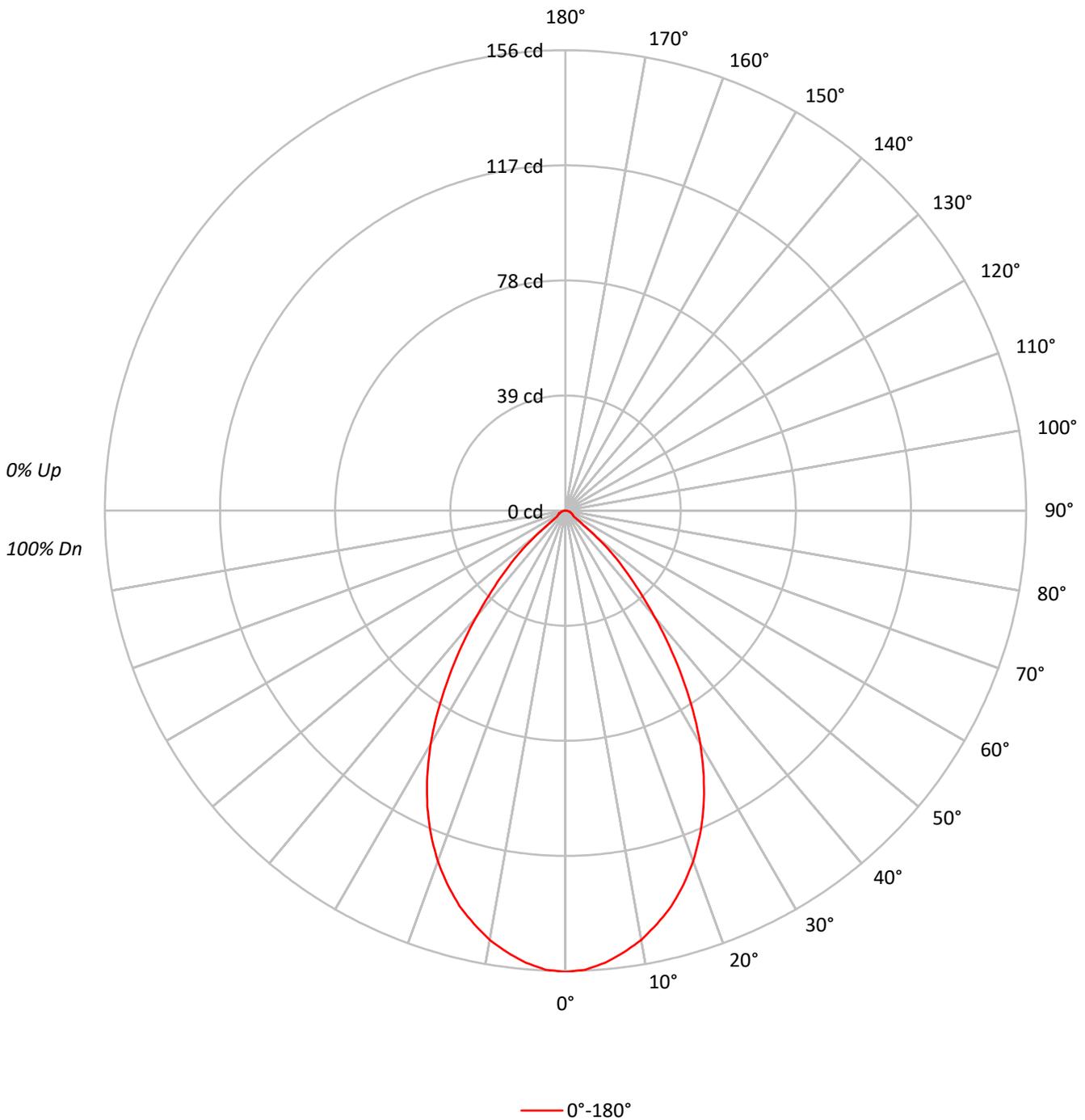
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 177.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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			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			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77			77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70			70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34274
5°	33854
10°	32887
15°	31487
20°	29496
25°	26784
30°	23143
35°	18444
40°	13425
45°	8838
50°	4128
55°	1262
60°	1228
65°	1193
70°	1154
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8838 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.5	8.2
10°-20°	38.8	21.9
20°-30°	50.4	28.5
30°-40°	42.8	24.2
40°-50°	22.1	12.5
50°-60°	4.3	2.4
60°-70°	2.3	1.3
70°-80°	1.4	0.8
80°-90°	0.4	0.2
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°	103.7	58.6
0°-40°	146.5	82.8
0°-60°	172.9	97.6
0°-90°	177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	156	
5°	154	14
15°	139	39
25°	111	50
35°	69	43
45°	28	22
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	156.3
2.5°	155.7
5°	153.8
7.5°	151.0
10°	147.7
12.5°	143.4
15°	138.7
17.5°	132.9
20°	126.4
22.5°	119.0
25°	110.7
27.5°	101.4
30°	91.4
32.5°	80.3
35°	68.9
37.5°	57.7
40°	46.9
42.5°	36.9
45°	28.5
47.5°	20.9
50°	12.1
52.5°	5.3
55°	3.3
57.5°	3.2
60°	2.8
62.5°	2.6
65°	2.3
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)