

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: P1289124

Luminaire Tested: P3A05R35W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289124
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

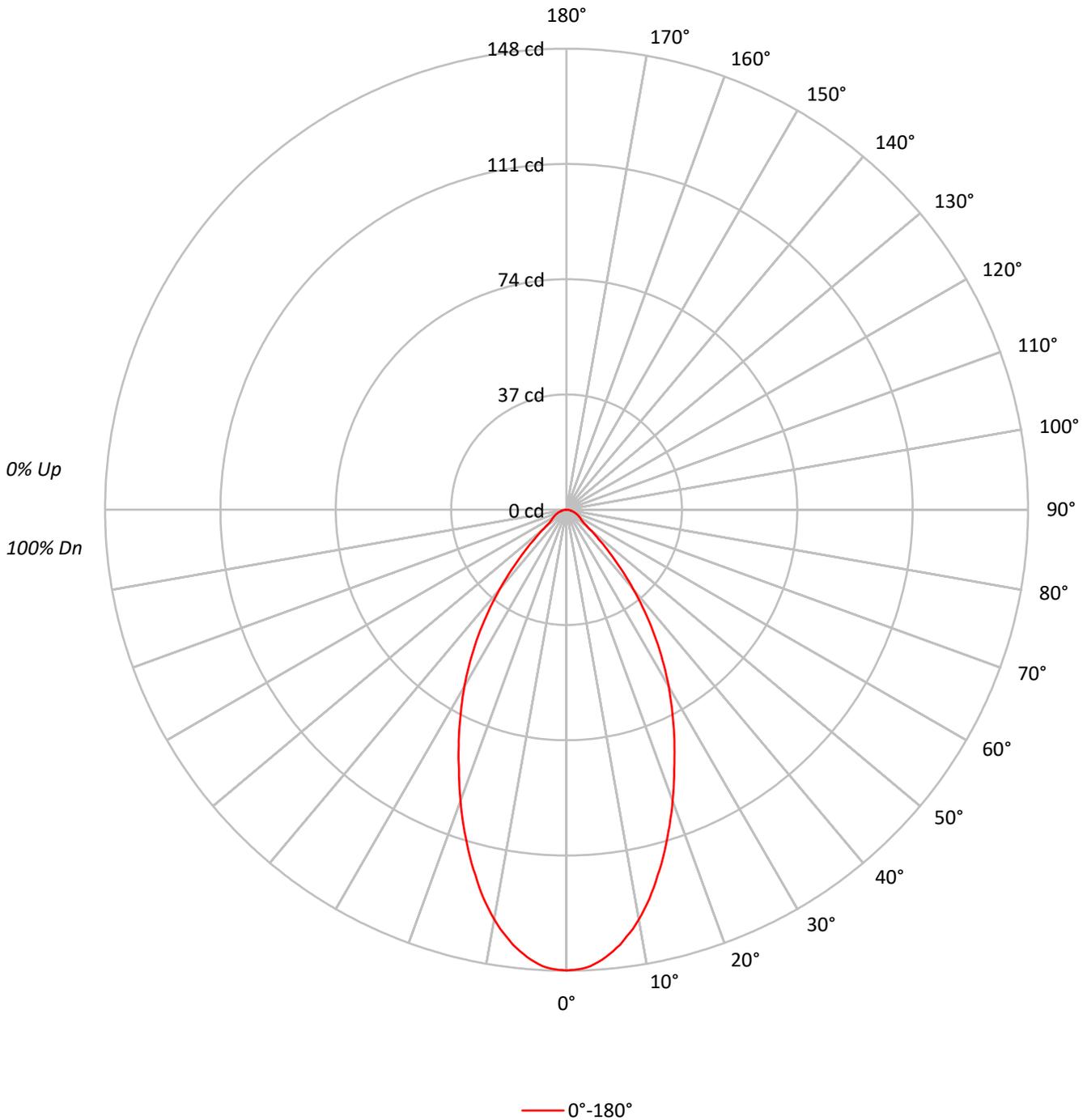
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 142.0 lumens
Efficiency: N/A
Efficacy: 24.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	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	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32432
5°	31741
10°	29726
15°	26697
20°	23219
25°	19791
30°	16585
35°	13197
40°	9532
45°	6047
50°	3309
55°	2294
60°	2149
65°	2024
70°	1923
75°	1610
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6047 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	9.5
10°-20°	32.7	23.0
20°-30°	37.5	26.4
30°-40°	30.6	21.5
40°-50°	15.4	10.9
50°-60°	5.7	4.0
60°-70°	3.8	2.7
70°-80°	2.1	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°	83.6	58.9
0°-40°	114.2	80.4
0°-60°	135.4	95.3
0°-90°	142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	144	13
15°	118	33
25°	82	37
35°	49	31
45°	20	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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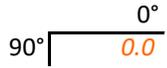
CANDELA DISTRIBUTION (FULL):

0°	
0°	147.9
1°	147.7
2°	147.4
3°	146.7
4°	145.6
5°	144.2
6°	142.5
7°	140.7
8°	138.4
9°	136.2
10°	133.5
11°	130.7
12°	127.7
13°	124.4
14°	120.9
15°	117.6
17.5°	108.6
20°	99.5
22.5°	90.2
25°	81.8
27.5°	73.5
30°	65.5
32.5°	57.4
35°	49.3
37.5°	41.2
40°	33.3
42.5°	26.0
45°	19.5
47.5°	14.0
50°	9.7
52.5°	7.0
55°	6.0
57.5°	5.4
60°	4.9
62.5°	4.4
65°	3.9
67.5°	3.3
70°	3.0
72.5°	2.5
75°	1.9
77.5°	1.6
80°	1.2
82.5°	0.9
85°	0.5
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)