

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: P1269259

Luminaire Tested: P3A05R709740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269259
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: P3A05R709740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

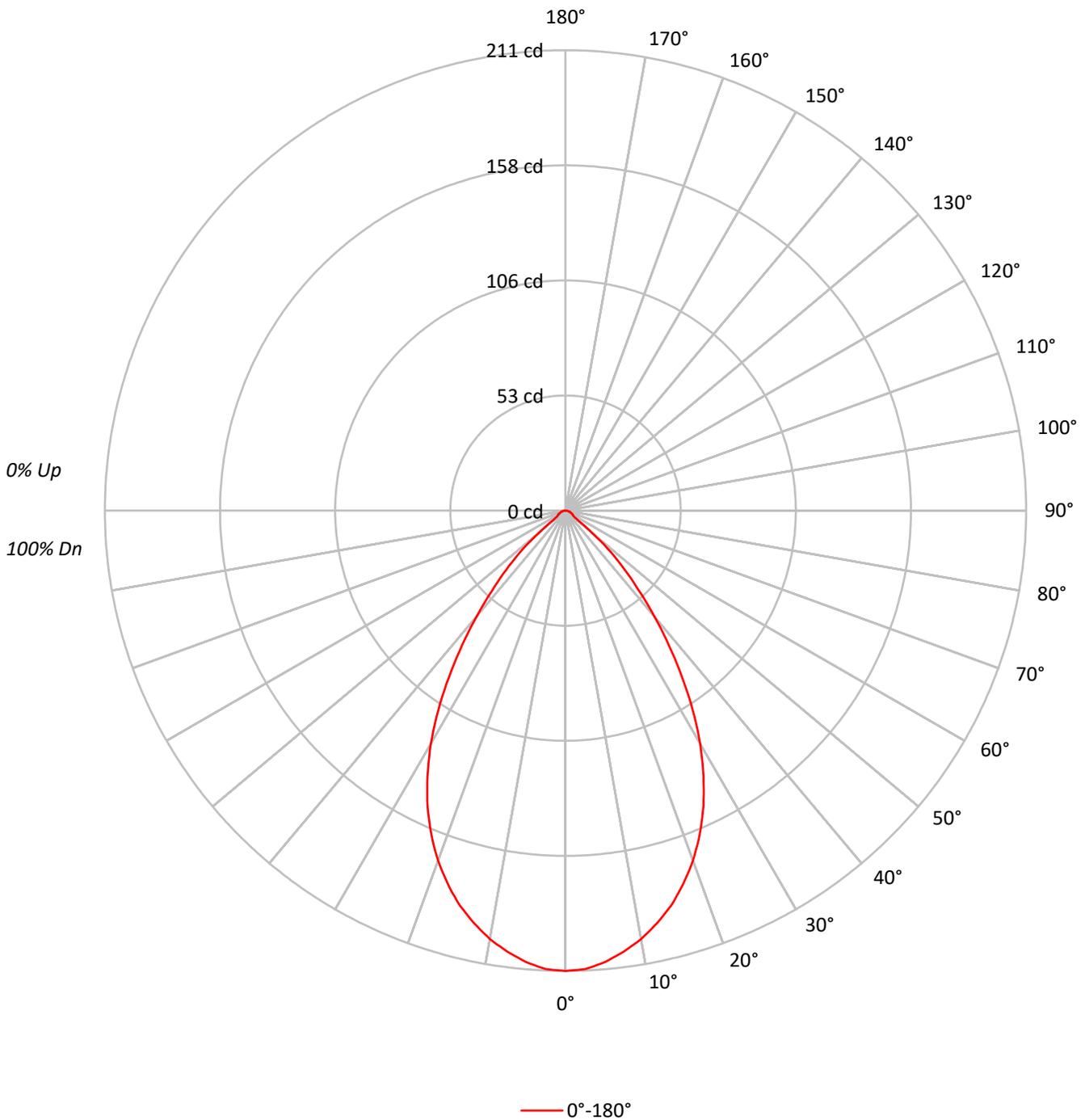
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 239.0 lumens
Efficiency: N/A
Efficacy: 33.2 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): 7.2
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				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	93	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°	46268
5°	45719
10°	44399
15°	42520
20°	39833
25°	36171
30°	31245
35°	24895
40°	18148
45°	11908
50°	5595
55°	1720
60°	1667
65°	1608
70°	1539
75°	1610
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11908 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	8.2
10°-20°	52.4	21.9
20°-30°	68.1	28.5
30°-40°	57.8	24.2
40°-50°	29.8	12.5
50°-60°	5.7	2.4
60°-70°	3.1	1.3
70°-80°	1.9	0.8
80°-90°	0.5	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°	140.1	58.6
0°-40°	197.9	82.8
0°-60°	233.4	97.7
0°-90°	239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	211	
5°	208	20
15°	187	52
25°	150	68
35°	93	58
45°	38	30
55°	4	6
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	211.0
2.5°	210.3
5°	207.7
7.5°	203.9
10°	199.4
12.5°	193.7
15°	187.3
17.5°	179.4
20°	170.7
22.5°	160.7
25°	149.5
27.5°	136.9
30°	123.4
32.5°	108.5
35°	93.0
37.5°	77.8
40°	63.4
42.5°	49.8
45°	38.4
47.5°	28.2
50°	16.4
52.5°	7.1
55°	4.5
57.5°	4.3
60°	3.8
62.5°	3.6
65°	3.1
67.5°	2.8
70°	2.4
72.5°	2.1
75°	1.9
77.5°	1.4
80°	1.2
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)