

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: P1246010

Luminaire Tested: P3A05R159024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246010
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R159024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

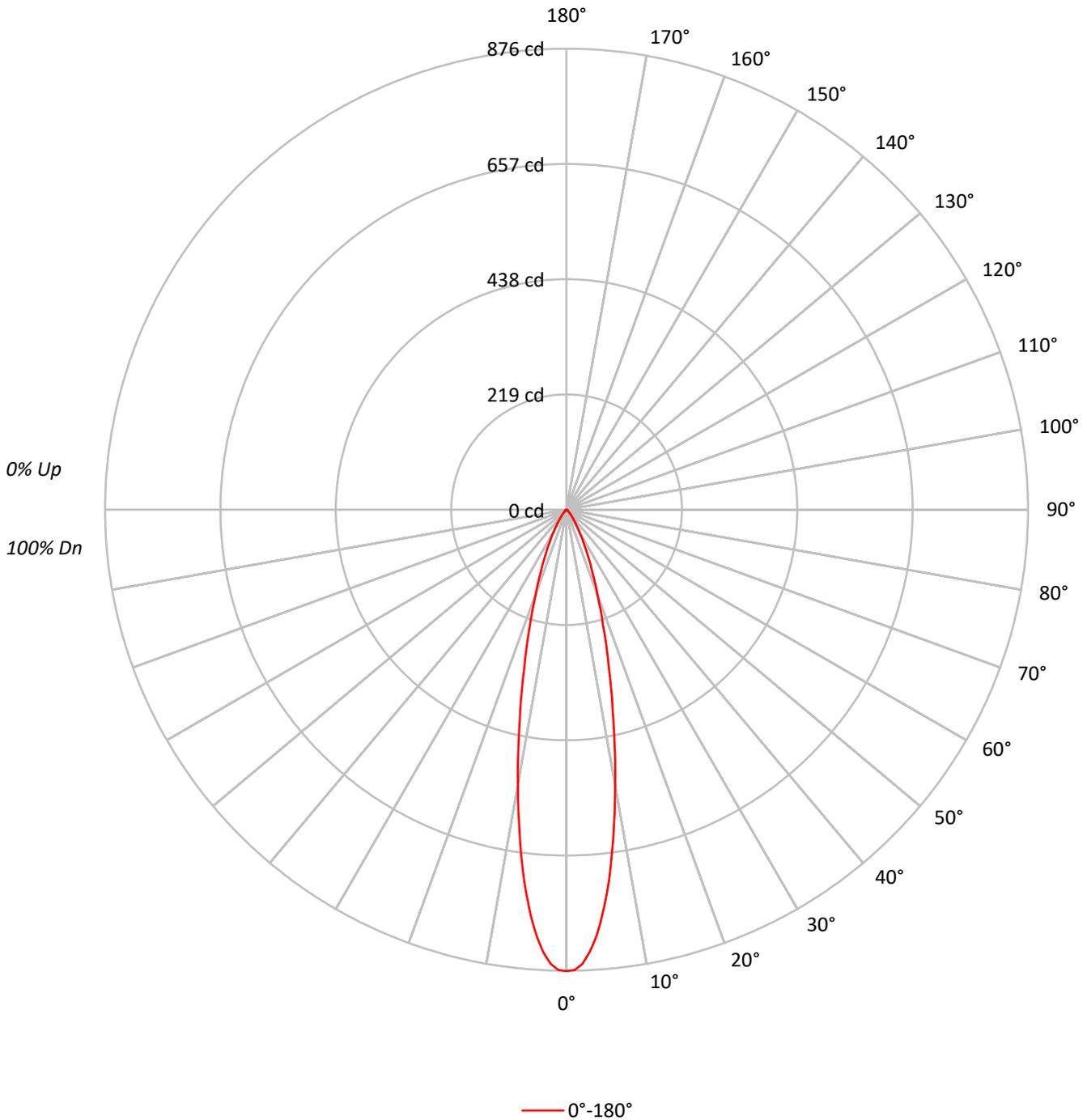
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 225.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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				
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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	91	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	87	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	83	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	80	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	77	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	72	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	69	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	67	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192200
5°	170614
10°	118479
15°	70080
20°	39903
25°	22816
30°	12635
35°	6719
40°	3721
45°	2016
50°	1262
55°	994
60°	877
65°	778
70°	705
75°	763
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2016 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.9	29.3
10°-20°	87.0	38.7
20°-30°	44.8	19.9
30°-40°	16.8	7.5
40°-50°	5.5	2.4
50°-60°	2.4	1.1
60°-70°	1.5	0.7
70°-80°	0.9	0.4
80°-90°	0.2	0.1
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°	197.7	87.9
0°-40°	214.5	95.3
0°-60°	222.4	98.8
0°-90°	225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	225.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	876	
5°	775	66
15°	309	87
25°	94	45
35°	25	17
45°	6	6
55°	3	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	876.5
1°	874.8
2°	863.3
3°	841.4
4°	812.6
5°	775.1
6°	732.6
7°	686.0
8°	634.2
9°	583.1
10°	532.1
12.5°	409.4
15°	308.7
17.5°	231.1
20°	171.0
22.5°	127.7
25°	94.3
27.5°	68.7
30°	49.9
32.5°	35.3
35°	25.1
37.5°	18.0
40°	13.0
42.5°	9.3
45°	6.5
47.5°	4.8
50°	3.7
52.5°	3.0
55°	2.6
57.5°	2.2
60°	2.0
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.1
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)