

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: P1257402

Luminaire Tested: P3AS13R359040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257402
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

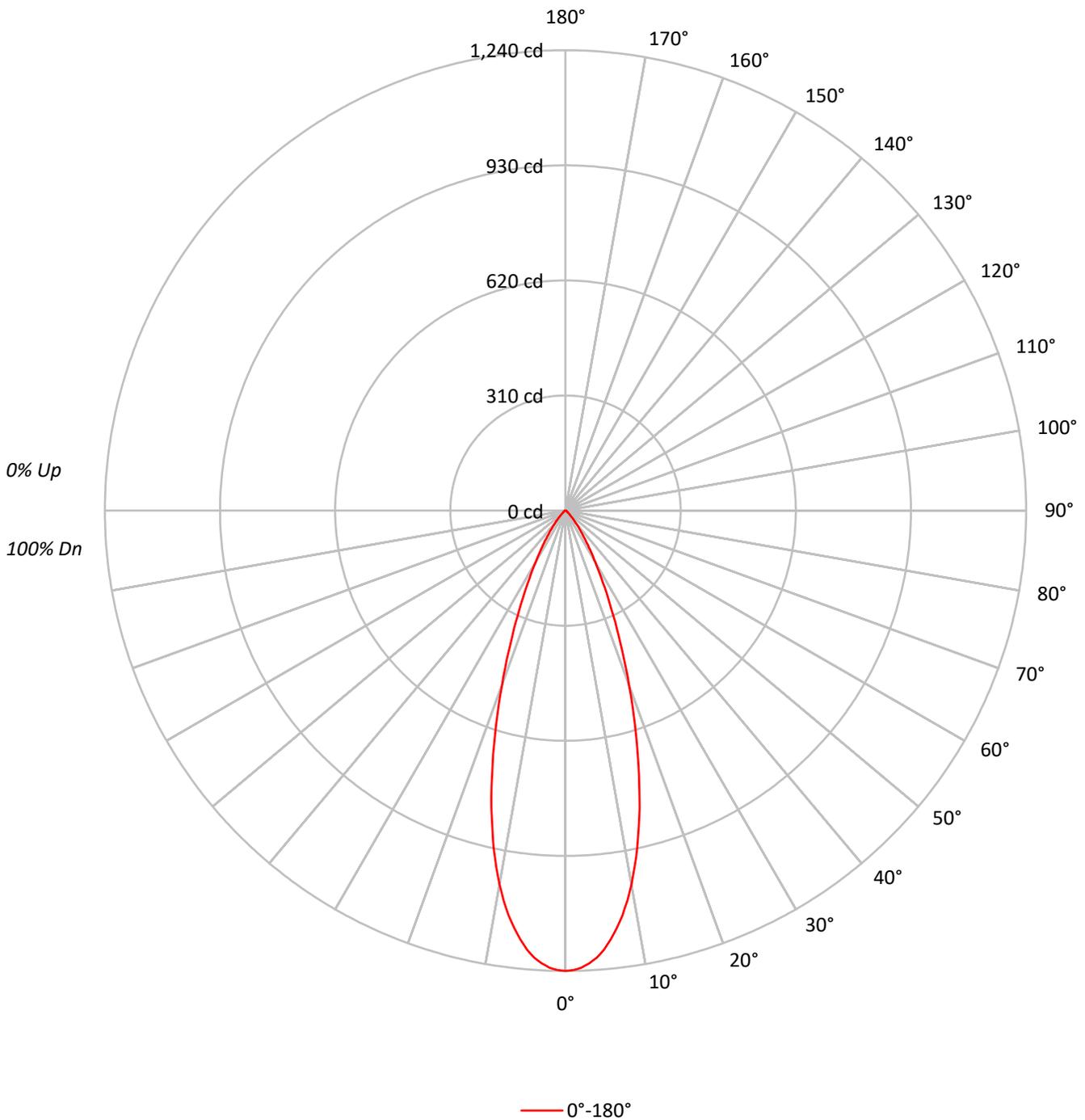
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 539.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	271842
5°	261258
10°	227629
15°	174348
20°	116653
25°	70577
30°	40513
35°	22647
40°	12023
45°	6202
50°	2968
55°	2370
60°	2237
65°	1868
70°	1988
75°	1779
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6202 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.0	20.0
10°-20°	209.3	38.8
20°-30°	137.0	25.4
30°-40°	55.6	10.3
40°-50°	16.7	3.1
50°-60°	5.7	1.1
60°-70°	3.8	0.7
70°-80°	2.2	0.4
80°-90°	0.7	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°	454.3	84.3
0°-40°	509.9	94.6
0°-60°	532.2	98.7
0°-90°	539.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	539.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1240	
5°	1187	108
15°	768	209
25°	292	137
35°	85	56
45°	20	17
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1239.7
1°	1237.7
2°	1232.0
3°	1220.8
4°	1207.4
5°	1186.9
6°	1161.3
7°	1132.6
8°	1100.3
9°	1063.4
10°	1022.3
11°	976.7
12°	929.0
13°	875.7
14°	824.9
15°	768.0
17.5°	630.1
20°	499.9
22.5°	384.5
25°	291.7
27.5°	217.4
30°	160.0
32.5°	117.4
35°	84.6
37.5°	60.0
40°	42.0
42.5°	29.2
45°	20.0
47.5°	13.3
50°	8.7
52.5°	6.7
55°	6.2
57.5°	5.6
60°	5.1
62.5°	4.6
65°	3.6
67.5°	3.1
70°	3.1
72.5°	2.6
75°	2.1
77.5°	1.5
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)