

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: P1253913

Luminaire Tested: P3AS05R359035DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253913
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: P3AS05R359035DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

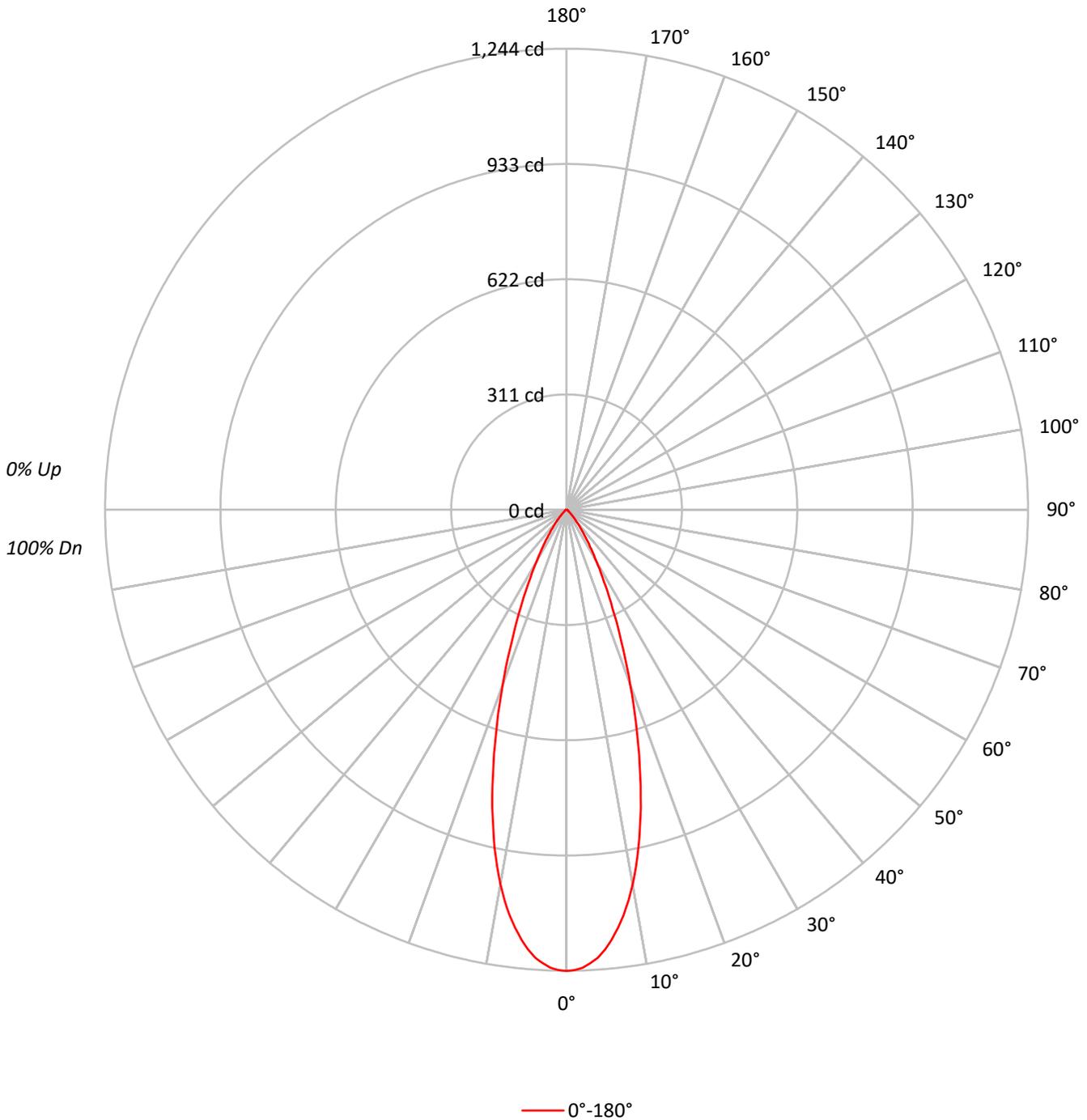
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 541.0 lumens
Efficiency: N/A
Efficacy: 75.1 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): 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	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	77
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	69	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°	272851
5°	262227
10°	228475
15°	175007
20°	117074
25°	70843
30°	40664
35°	22727
40°	12080
45°	6233
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: 6233 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.4	20.0
10°-20°	210.1	38.8
20°-30°	137.5	25.4
30°-40°	55.8	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°	456.0	84.3
0°-40°	511.7	94.6
0°-60°	534.2	98.7
0°-90°	541.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	541.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1244	
5°	1191	108
15°	771	210
25°	293	138
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°	1244.3
1°	1242.3
2°	1236.6
3°	1225.3
4°	1211.9
5°	1191.3
6°	1165.6
7°	1136.8
8°	1104.4
9°	1067.3
10°	1026.1
11°	980.3
12°	932.5
13°	879.0
14°	828.0
15°	770.9
17.5°	632.5
20°	501.7
22.5°	386.0
25°	292.8
27.5°	218.2
30°	160.6
32.5°	117.8
35°	84.9
37.5°	60.2
40°	42.2
42.5°	29.3
45°	20.1
47.5°	13.4
50°	8.7
52.5°	6.7
55°	6.2
57.5°	5.7
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)