

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: P1259317

Luminaire Tested: P3AS05R459050DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259317
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459050DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

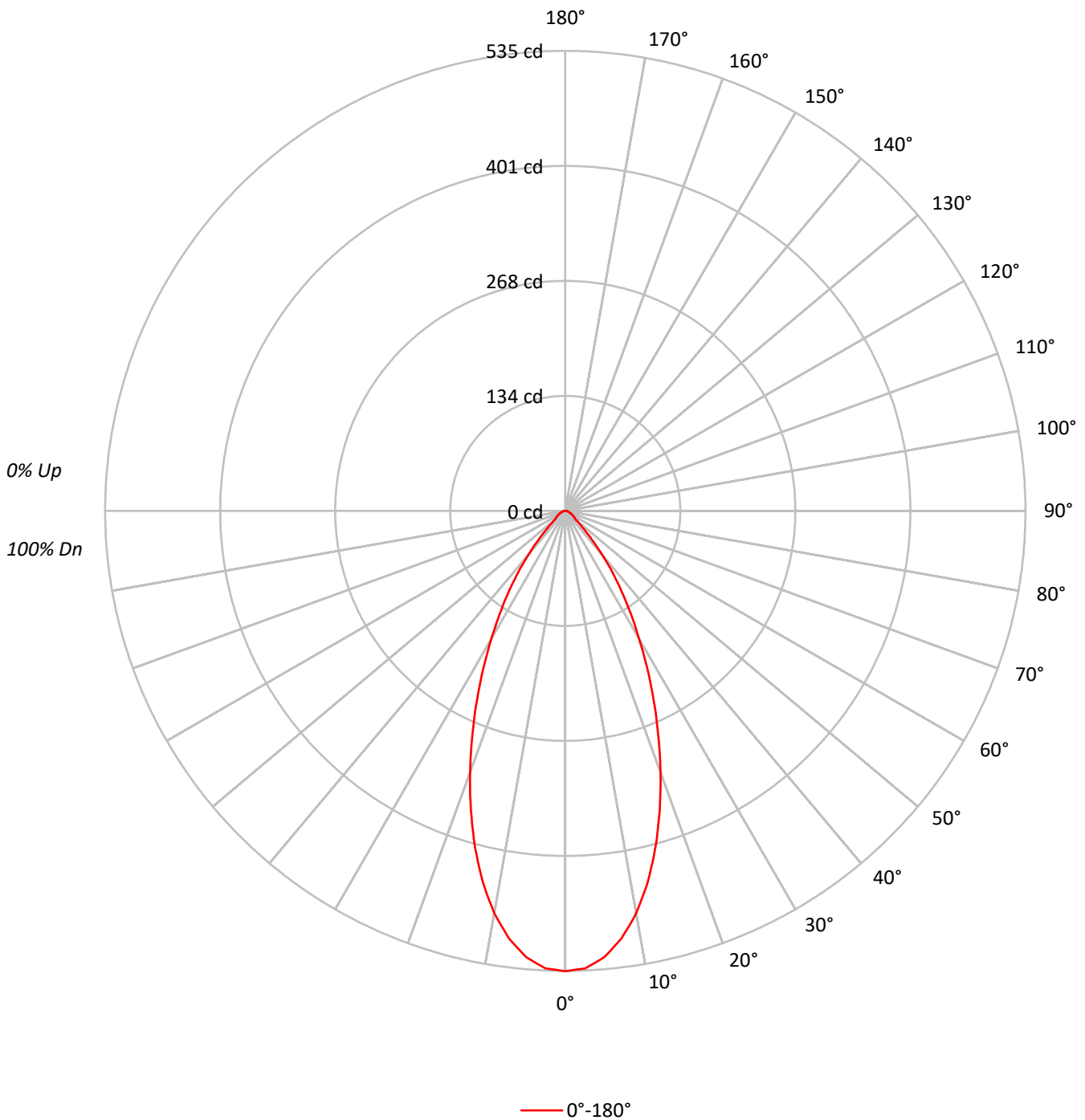
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117359
5°	114682
10°	105787
15°	91987
20°	75560
25°	58794
30°	43424
35°	30544
40°	19064
45°	10327
50°	5595
55°	4817
60°	4298
65°	3684
70°	3142
75°	3219
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10327 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	12.2
10°-20°	112.0	28.4
20°-30°	111.2	28.2
30°-40°	71.6	18.2
40°-50°	27.6	7.0
50°-60°	11.2	2.9
60°-70°	7.1	1.8
70°-80°	3.8	1.0
80°-90°	1.2	0.3
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°	271.5	68.9
0°-40°	343.1	87.1
0°-60°	381.9	96.9
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	535	
5°	521	48
15°	405	112
25°	243	111
35°	114	72
45°	33	28
55°	13	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	535.2
2.5°	532.5
5°	521.0
7.5°	501.3
10°	475.1
12.5°	442.4
15°	405.2
17.5°	364.8
20°	323.8
22.5°	282.3
25°	243.0
27.5°	205.9
30°	171.5
32.5°	141.4
35°	114.1
37.5°	89.6
40°	66.6
42.5°	48.1
45°	33.3
47.5°	22.4
50°	16.4
52.5°	13.7
55°	12.6
57.5°	10.9
60°	9.8
62.5°	8.2
65°	7.1
67.5°	6.0
70°	4.9
72.5°	4.4
75°	3.8
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)