

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: P1275487

Luminaire Tested: P3AS05R459835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275487
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: P3AS05R459835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

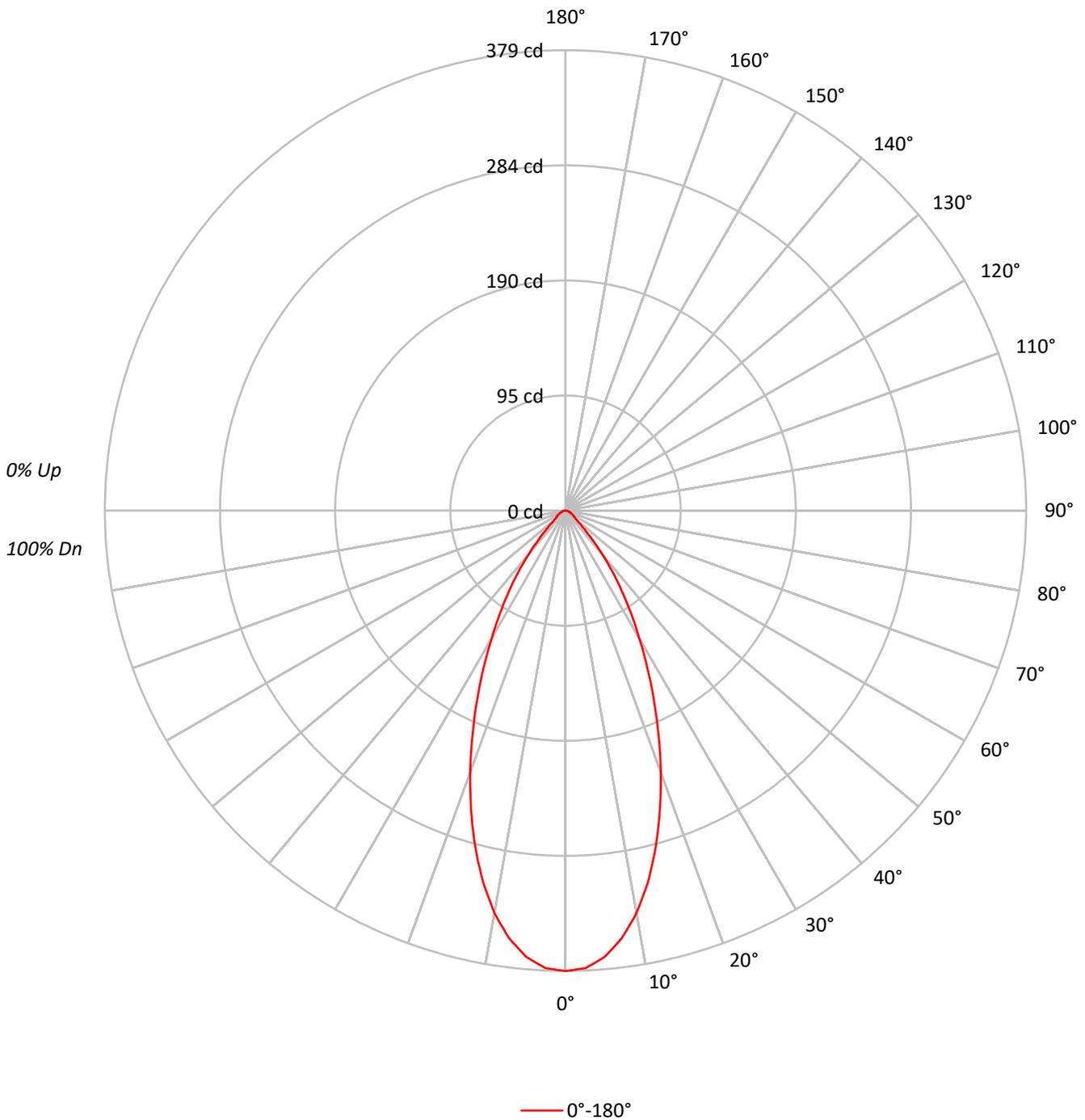
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 279.0 lumens
Efficiency: N/A
Efficacy: 38.8 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	100	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86	86	86	86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79	79	79	79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74	74	74	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69	69	69	69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64	64	64	64
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	60	60	60	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56	56	56	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53	53	53	53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50	50	50	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83107
5°	81202
10°	74904
15°	65131
20°	53508
25°	41640
30°	30739
35°	21630
40°	13511
45°	7319
50°	3957
55°	3403
60°	3070
65°	2594
70°	2244
75°	2288
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	12.2
10°-20°	79.3	28.4
20°-30°	78.7	28.2
30°-40°	50.7	18.2
40°-50°	19.5	7.0
50°-60°	7.9	2.8
60°-70°	5.0	1.8
70°-80°	2.7	1.0
80°-90°	0.9	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°	192.2	68.9
0°-40°	242.9	87.1
0°-60°	270.4	96.9
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	379	
5°	369	34
15°	287	79
25°	172	79
35°	81	51
45°	24	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	379.0
2.5°	377.0
5°	368.9
7.5°	355.0
10°	336.4
12.5°	313.2
15°	286.9
17.5°	258.3
20°	229.3
22.5°	199.9
25°	172.1
27.5°	145.8
30°	121.4
32.5°	100.2
35°	80.8
37.5°	63.4
40°	47.2
42.5°	34.0
45°	23.6
47.5°	15.9
50°	11.6
52.5°	9.7
55°	8.9
57.5°	7.7
60°	7.0
62.5°	5.8
65°	5.0
67.5°	4.3
70°	3.5
72.5°	3.1
75°	2.7
77.5°	1.9
80°	1.5
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)