

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: P1254784

Luminaire Tested: P3AS13R509035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254784
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

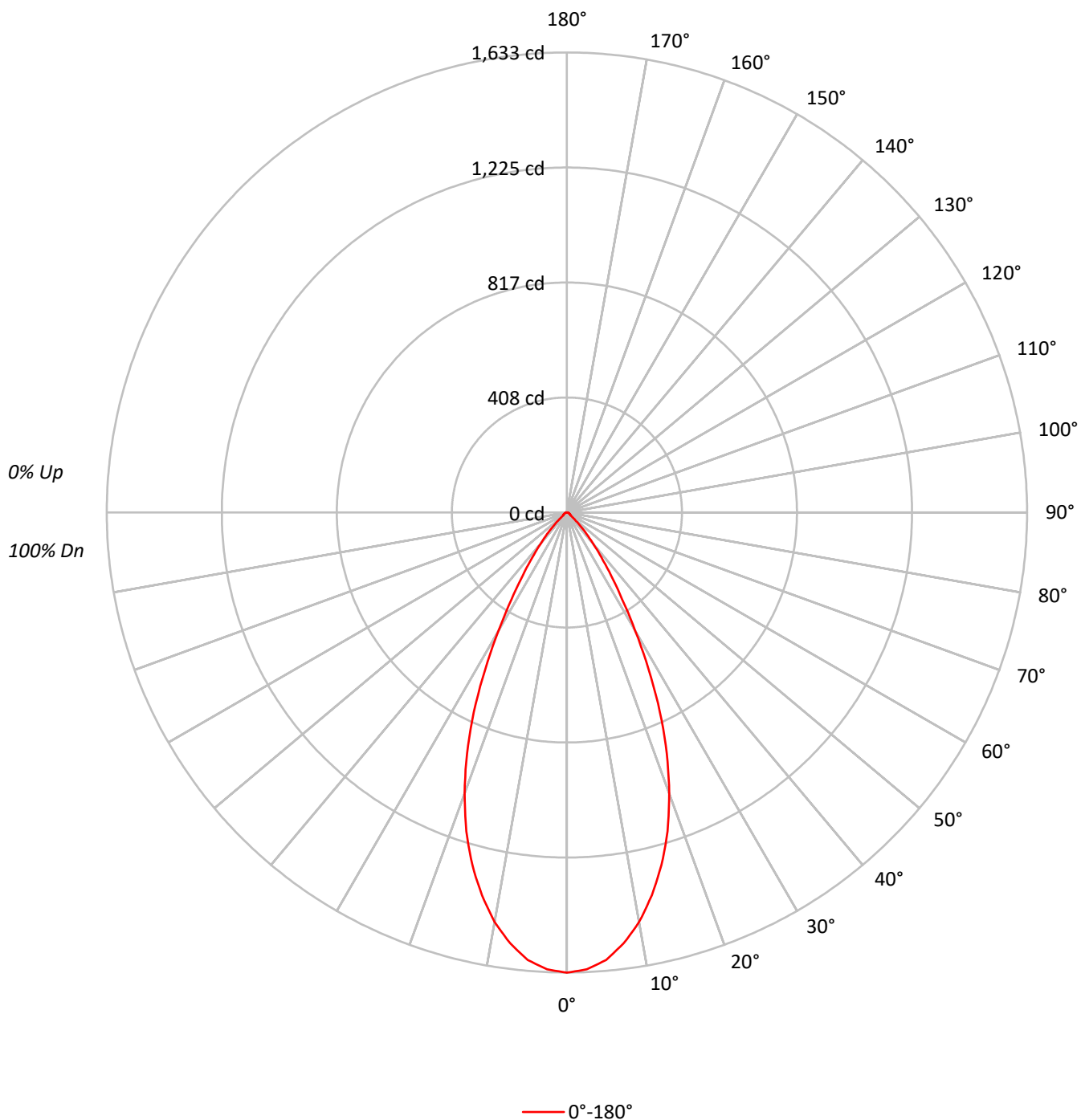
Lumens per Lamp: N/A
Luminaire Lumens: 1125.0 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82		
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76		
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72		
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67		
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64		
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60		
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57		
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	358173
5°	350957
10°	328740
15°	294281
20°	247658
25°	189011
30°	122829
35°	72839
40°	42079
45°	21087
50°	7846
55°	6117
60°	5701
65°	5189
70°	5129
75°	5083
80°	5051
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21087 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.3	13.2
10°-20°	358.5	31.9
20°-30°	351.7	31.3
30°-40°	177.2	15.8
40°-50°	56.0	5.0
50°-60°	14.5	1.3
60°-70°	10.3	0.9
70°-80°	6.3	0.6
80°-90°	2.2	0.2
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°	858.5	76.3
0°-40°	1035.7	92.1
0°-60°	1106.2	98.3
0°-90°	1125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1633	
5°	1594	148
15°	1296	358
25°	781	352
35°	272	177
45°	68	56
55°	16	15
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1633.4
2.5°	1623.4
5°	1594.4
7.5°	1542.4
10°	1476.4
12.5°	1391.4
15°	1296.3
17.5°	1186.3
20°	1061.3
22.5°	926.2
25°	781.2
27.5°	627.2
30°	485.1
32.5°	365.1
35°	272.1
37.5°	201.1
40°	147.0
42.5°	104.0
45°	68.0
47.5°	39.0
50°	23.0
52.5°	17.0
55°	16.0
57.5°	14.0
60°	13.0
62.5°	12.0
65°	10.0
67.5°	9.0
70°	8.0
72.5°	7.0
75°	6.0
77.5°	5.0
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)