

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: P1276210

Luminaire Tested: P3AS13R509835DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276210
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509835DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

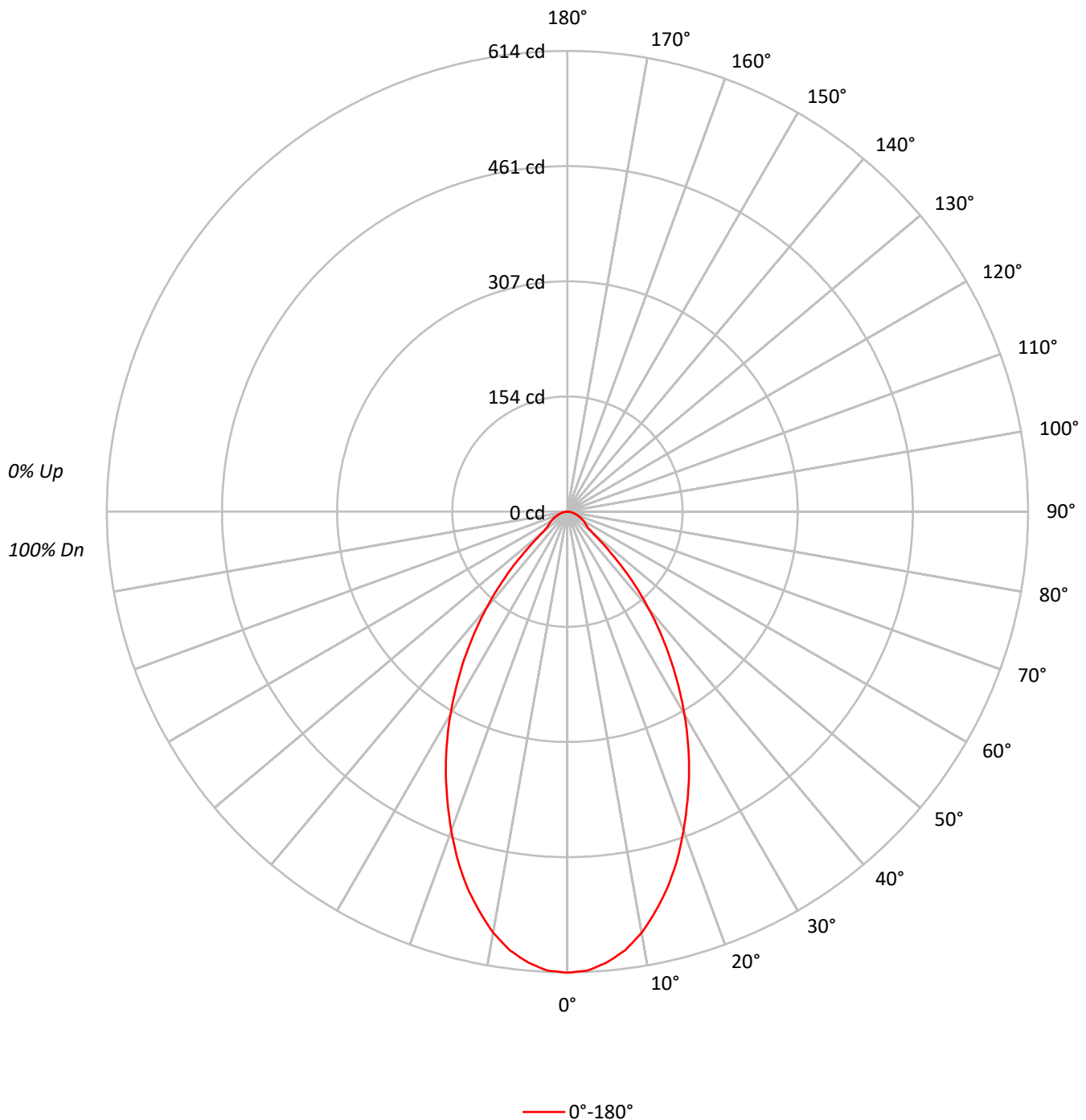
Lumens per Lamp: N/A
Luminaire Lumens: 663.0 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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				0
RW	70	50	30	10	70	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		100
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		75
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		69
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		58
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		53
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		50
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134726
5°	132753
10°	126874
15°	117504
20°	105593
25°	92812
30°	78949
35°	64005
40°	48090
45°	30980
50°	14703
55°	11584
60°	10964
65°	10222
70°	9232
75°	8303
80°	7703
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.5	8.5
10°-20°	144.3	21.8
20°-30°	175.3	26.4
30°-40°	148.7	22.4
40°-50°	77.2	11.6
50°-60°	27.9	4.2
60°-70°	19.3	2.9
70°-80°	10.5	1.6
80°-90°	3.3	0.5
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°	376.2	56.7
0°-40°	524.9	79.2
0°-60°	630.0	95.0
0°-90°	663.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	663.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	614	
5°	603	57
15°	518	144
25°	384	175
35°	239	149
45°	100	77
55°	30	28
65°	20	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	614.4
2.5°	612.2
5°	603.1
7.5°	589.5
10°	569.8
12.5°	544.8
15°	517.6
17.5°	486.6
20°	452.5
22.5°	417.7
25°	383.6
27.5°	348.1
30°	311.8
32.5°	275.4
35°	239.1
37.5°	203.6
40°	168.0
42.5°	133.9
45°	99.9
47.5°	66.6
50°	43.1
52.5°	33.3
55°	30.3
57.5°	27.2
60°	25.0
62.5°	21.9
65°	19.7
67.5°	16.6
70°	14.4
72.5°	12.1
75°	9.8
77.5°	7.6
80°	6.1
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)