

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: P1276900

Luminaire Tested: P3AS20R509835D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276900
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: P3AS20R509835D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

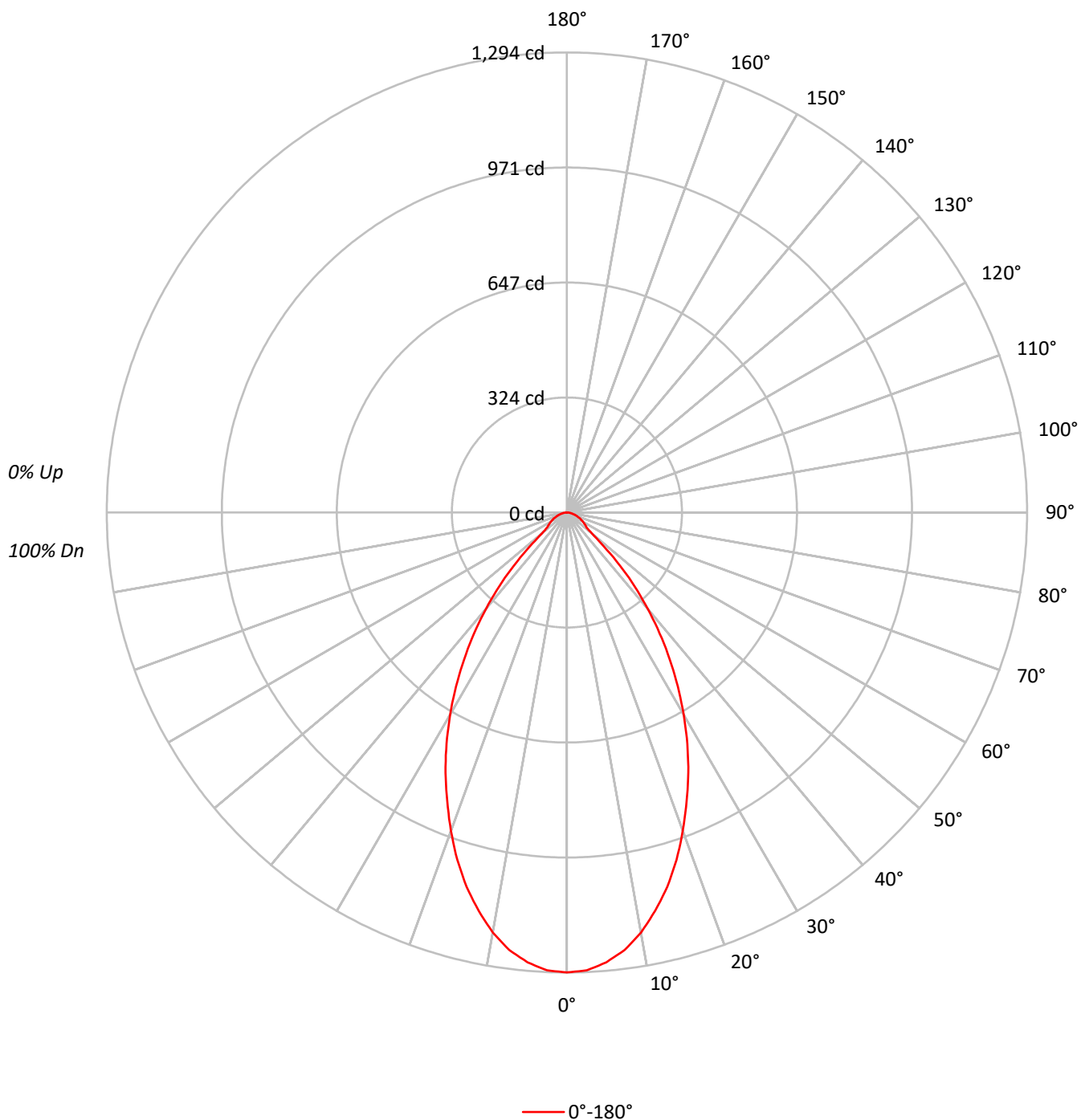
Lumens per Lamp: N/A
Luminaire Lumens: 1396.0 lumens
Efficiency: N/A
Efficacy: 50.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	283683
5°	279506
10°	267129
15°	247402
20°	222339
25°	195447
30°	166203
35°	134783
40°	101247
45°	65216
50°	30976
55°	24353
60°	23068
65°	21481
70°	19426
75°	17538
80°	16037
85°	16102

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65216 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.0	8.5
10°-20°	303.8	21.8
20°-30°	369.2	26.4
30°-40°	313.1	22.4
40°-50°	162.6	11.6
50°-60°	58.7	4.2
60°-70°	40.6	2.9
70°-80°	22.0	1.6
80°-90°	7.0	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°	792.0	56.7
0°-40°	1105.1	79.2
0°-60°	1326.4	95.0
0°-90°	1396.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1396.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1294	
5°	1270	119
15°	1090	304
25°	808	369
35°	504	313
45°	210	163
55°	64	59
65°	41	41
75°	21	22
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1293.7
2.5°	1289.0
5°	1269.8
7.5°	1241.2
10°	1199.7
12.5°	1147.2
15°	1089.8
17.5°	1024.5
20°	952.8
22.5°	879.5
25°	807.8
27.5°	732.9
30°	656.4
32.5°	580.0
35°	503.5
37.5°	428.6
40°	353.7
42.5°	282.0
45°	210.3
47.5°	140.2
50°	90.8
52.5°	70.1
55°	63.7
57.5°	57.4
60°	52.6
62.5°	46.2
65°	41.4
67.5°	35.1
70°	30.3
72.5°	25.5
75°	20.7
77.5°	15.9
80°	12.7
82.5°	9.6
85°	6.4
87.5°	3.2
90°	0.0

(END OF REPORT)