

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: P1255481

Luminaire Tested: P3AS20R459035D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255481
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459035D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

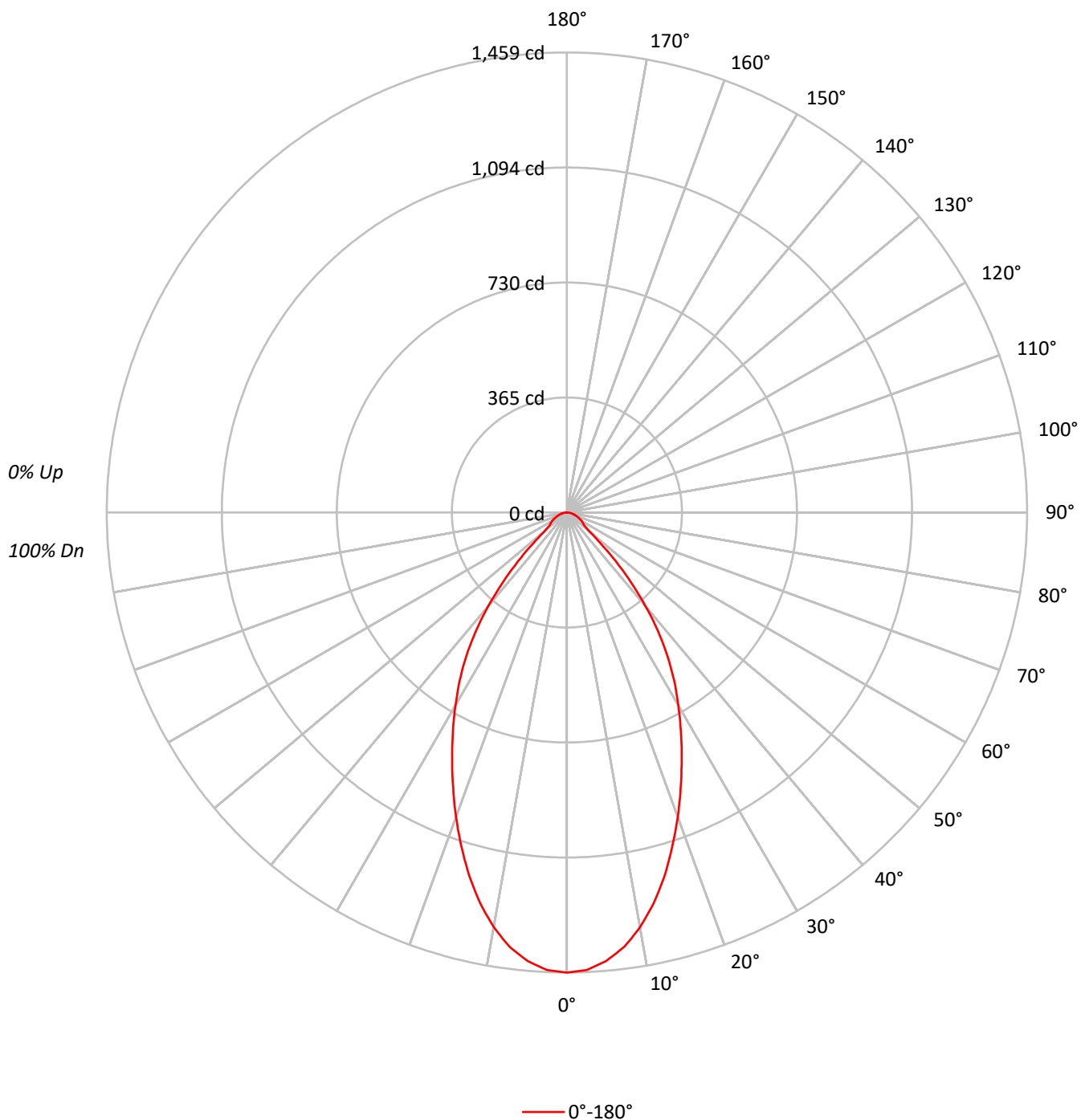
Lumens per Lamp: N/A
Luminaire Lumens: 1509.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319952
5°	314263
10°	297389
15°	271216
20°	239841
25°	208270
30°	178762
35°	148971
40°	111008
45°	67945
50°	31453
55°	24582
60°	23638
65°	21637
70°	20067
75°	19148
80°	17553
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67945 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.4	8.8
10°-20°	332.6	22.0
20°-30°	395.2	26.2
30°-40°	343.4	22.8
40°-50°	172.2	11.4
50°-60°	59.8	4.0
60°-70°	41.9	2.8
70°-80°	23.4	1.6
80°-90°	7.1	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°	861.2	57.1
0°-40°	1204.6	79.8
0°-60°	1436.6	95.2
0°-90°	1509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1509.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1459	
5°	1428	133
15°	1195	333
25°	861	395
35°	556	343
45°	219	172
55°	64	60
65°	42	42
75°	23	23
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1459.1
2.5°	1452.1
5°	1427.7
7.5°	1389.5
10°	1335.6
12.5°	1269.5
15°	1194.7
17.5°	1111.2
20°	1027.8
22.5°	942.6
25°	860.8
27.5°	782.6
30°	706.0
32.5°	633.0
35°	556.5
37.5°	474.8
40°	387.8
42.5°	302.6
45°	219.1
47.5°	144.3
50°	92.2
52.5°	71.3
55°	64.3
57.5°	59.1
60°	53.9
62.5°	48.7
65°	41.7
67.5°	36.5
70°	31.3
72.5°	26.1
75°	22.6
77.5°	17.4
80°	13.9
82.5°	10.4
85°	5.2
87.5°	3.5
90°	0.0

(END OF REPORT)