

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: P1255307

Luminaire Tested: P3AS20R159035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255307
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

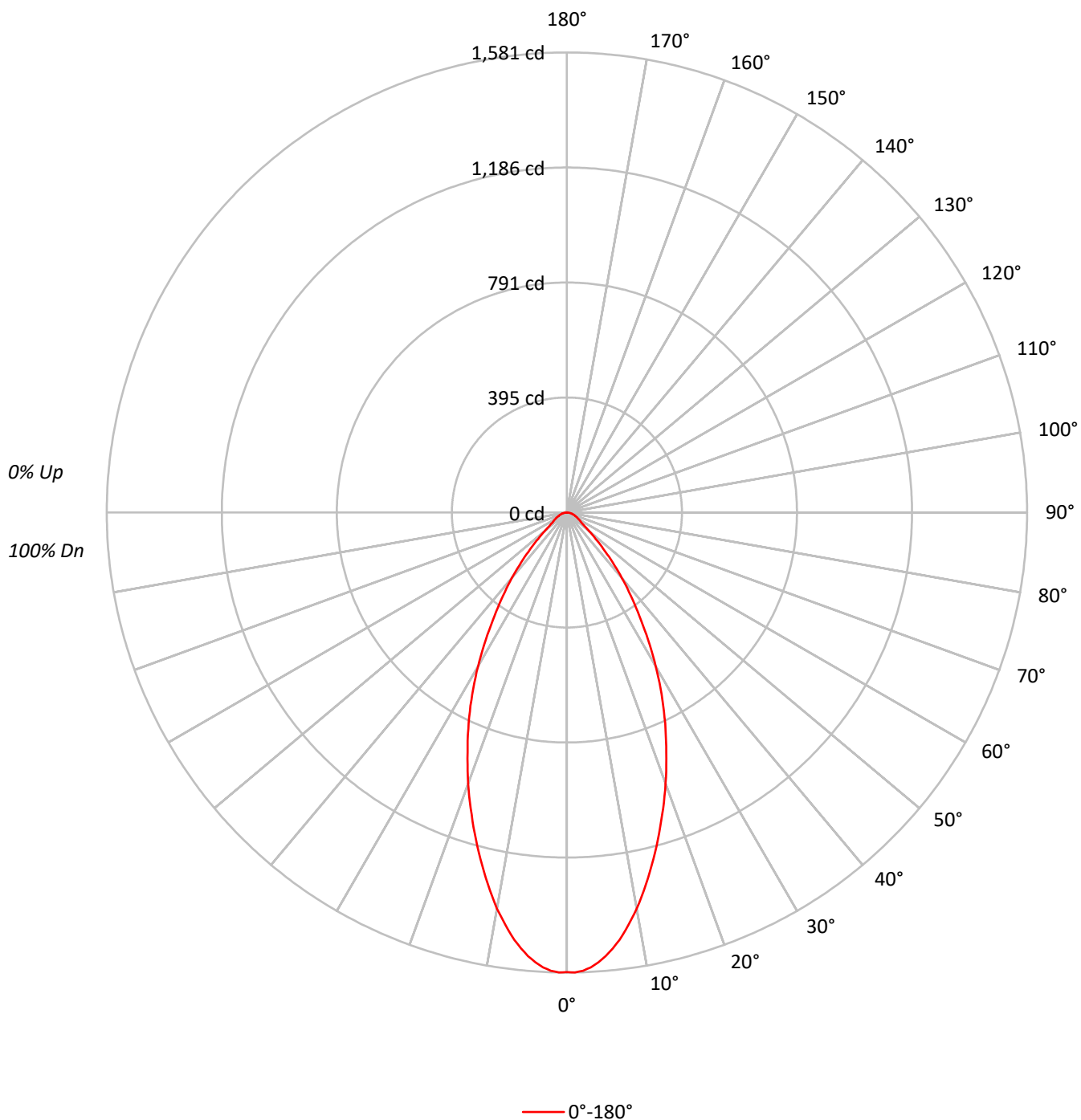
Lumens per Lamp: N/A
Luminaire Lumens: 1373.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	346332
5°	336913
10°	307899
15°	269695
20°	231347
25°	193172
30°	154581
35°	115938
40°	84158
45°	55013
50°	34421
55°	23282
60°	20612
65°	18938
70°	17824
75°	16182
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55013 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.2	10.3
10°-20°	331.0	24.1
20°-30°	364.7	26.6
30°-40°	273.1	19.9
40°-50°	141.6	10.3
50°-60°	58.7	4.3
60°-70°	36.3	2.6
70°-80°	20.4	1.5
80°-90°	5.9	0.4
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°	837.0	61.0
0°-40°	1110.1	80.9
0°-60°	1310.3	95.4
0°-90°	1373.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1373.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1579	
5°	1531	141
15°	1188	331
25°	798	365
35°	433	273
45°	177	142
55°	61	59
65°	36	36
75°	19	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1579.4
1°	1581.1
2°	1575.9
3°	1565.4
4°	1549.8
5°	1530.6
6°	1506.3
7°	1480.2
8°	1448.9
9°	1415.9
10°	1382.8
12.5°	1287.1
15°	1188.0
17.5°	1088.8
20°	991.4
22.5°	892.3
25°	798.4
27.5°	704.4
30°	610.5
32.5°	518.3
35°	433.1
37.5°	360.1
40°	294.0
42.5°	233.1
45°	177.4
47.5°	133.9
50°	100.9
52.5°	74.8
55°	60.9
57.5°	53.9
60°	47.0
62.5°	41.7
65°	36.5
67.5°	31.3
70°	27.8
72.5°	22.6
75°	19.1
77.5°	15.7
80°	12.2
82.5°	8.7
85°	5.2
87.5°	1.7
90°	0.0

(END OF REPORT)