

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: P1274627

Luminaire Tested: P3AS20R159830D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274627
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: P3AS20R159830D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

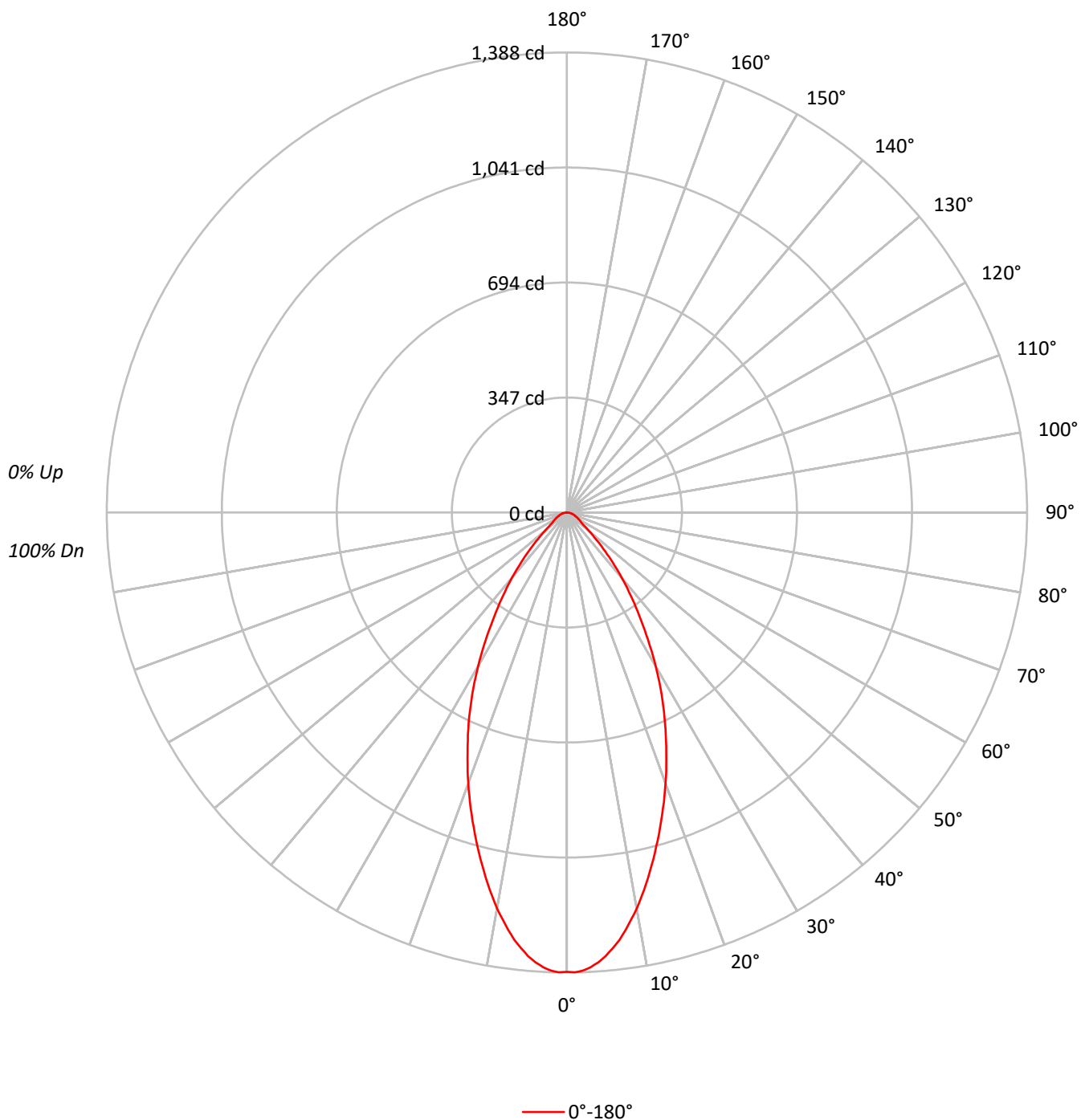
Lumens per Lamp: N/A
Luminaire Lumens: 1204.9 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	303945
5°	295707
10°	270224
15°	236687
20°	203041
25°	169534
30°	135666
35°	101750
40°	73853
45°	48284
50°	30191
55°	20415
60°	18069
65°	16655
70°	15644
75°	14234
80°	13512
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.0	10.3
10°-20°	290.5	24.1
20°-30°	320.1	26.6
30°-40°	239.7	19.9
40°-50°	124.2	10.3
50°-60°	51.5	4.3
60°-70°	31.9	2.6
70°-80°	17.9	1.5
80°-90°	5.2	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°	734.6	61.0
0°-40°	974.2	80.9
0°-60°	1150.0	95.4
0°-90°	1204.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1204.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1386	
5°	1343	124
15°	1043	291
25°	701	320
35°	380	240
45°	156	124
55°	53	51
65°	32	32
75°	17	18
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1386.1
1°	1387.6
2°	1383.0
3°	1373.9
4°	1360.2
5°	1343.4
6°	1322.0
7°	1299.1
8°	1271.6
9°	1242.6
10°	1213.6
12.5°	1129.6
15°	1042.6
17.5°	955.6
20°	870.1
22.5°	783.1
25°	700.7
27.5°	618.3
30°	535.8
32.5°	454.9
35°	380.1
37.5°	316.0
40°	258.0
42.5°	204.6
45°	155.7
47.5°	117.5
50°	88.5
52.5°	65.6
55°	53.4
57.5°	47.3
60°	41.2
62.5°	36.6
65°	32.1
67.5°	27.5
70°	24.4
72.5°	19.8
75°	16.8
77.5°	13.7
80°	10.7
82.5°	7.6
85°	4.6
87.5°	1.5
90°	0.0

(END OF REPORT)