

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: P1252718

Luminaire Tested: P3AS20R359030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252718
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

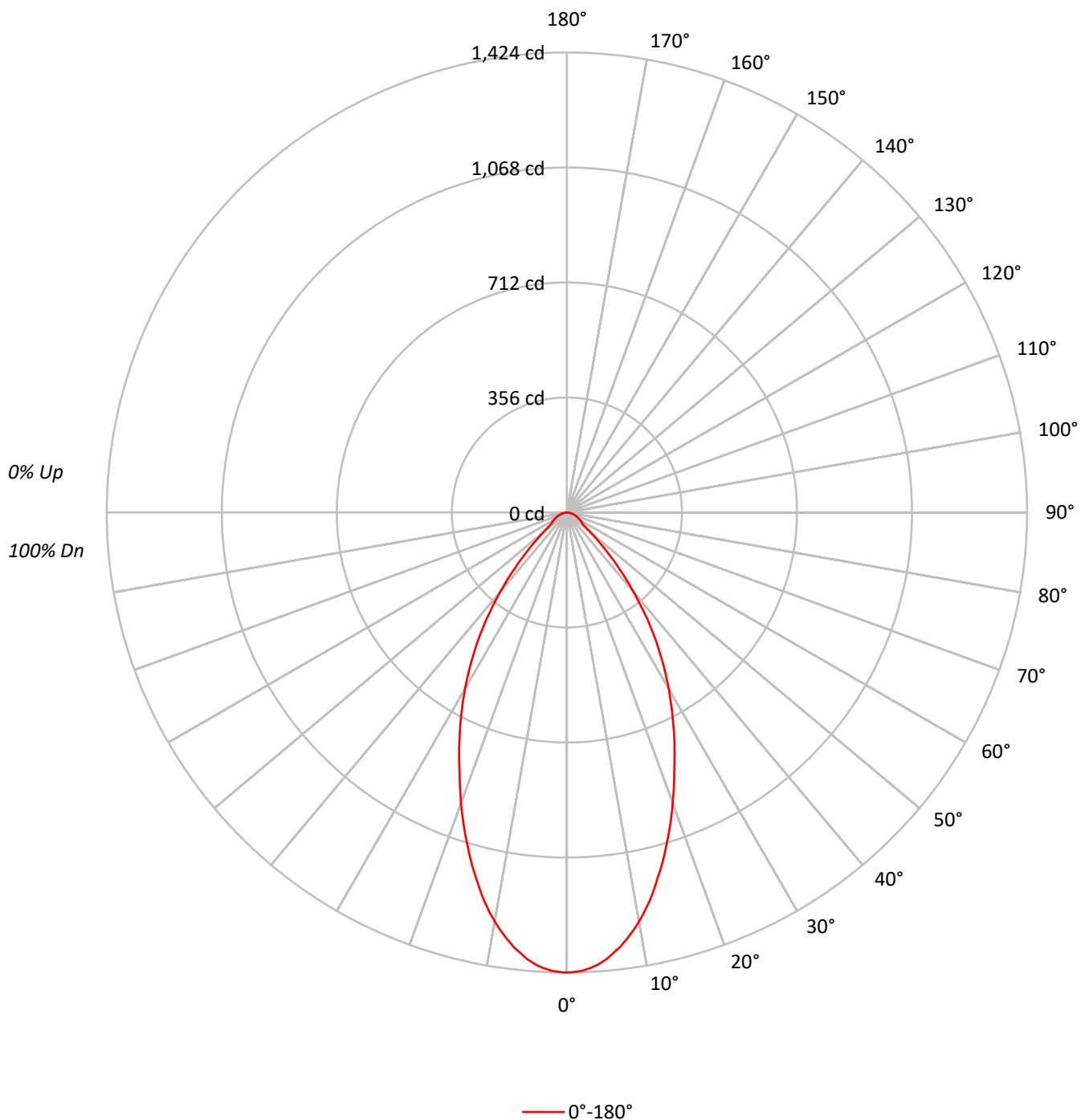
Lumens per Lamp: N/A
Luminaire Lumens: 1367.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	312256
5°	305656
10°	286234
15°	256937
20°	223506
25°	190463
30°	159544
35°	127074
40°	91886
45°	58146
50°	31692
55°	21944
60°	20744
65°	19302
70°	18401
75°	15759
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58146 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.2	9.5
10°-20°	315.0	23.0
20°-30°	360.9	26.4
30°-40°	294.5	21.5
40°-50°	148.5	10.9
50°-60°	55.2	4.0
60°-70°	37.0	2.7
70°-80°	20.5	1.5
80°-90°	6.2	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°	805.1	58.9
0°-40°	1099.7	80.4
0°-60°	1303.3	95.3
0°-90°	1367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1367.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1424	
5°	1389	129
15°	1132	315
25°	787	361
35°	475	295
45°	188	149
55°	57	55
65°	37	37
75°	19	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1424.0
1°	1422.3
2°	1419.0
3°	1412.2
4°	1402.1
5°	1388.6
6°	1371.7
7°	1354.8
8°	1332.8
9°	1310.9
10°	1285.5
11°	1258.5
12°	1229.8
13°	1197.7
14°	1163.9
15°	1131.8
17.5°	1045.6
20°	957.8
22.5°	868.3
25°	787.2
27.5°	707.8
30°	630.1
32.5°	552.4
35°	474.7
37.5°	397.0
40°	321.0
42.5°	250.0
45°	187.5
47.5°	135.1
50°	92.9
52.5°	67.6
55°	57.4
57.5°	52.4
60°	47.3
62.5°	42.2
65°	37.2
67.5°	32.1
70°	28.7
72.5°	23.6
75°	18.6
77.5°	15.2
80°	11.8
82.5°	8.4
85°	5.1
87.5°	3.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)