

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: P1258132

Luminaire Tested: P3AS20R359040D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258132
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: P3AS20R359040D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

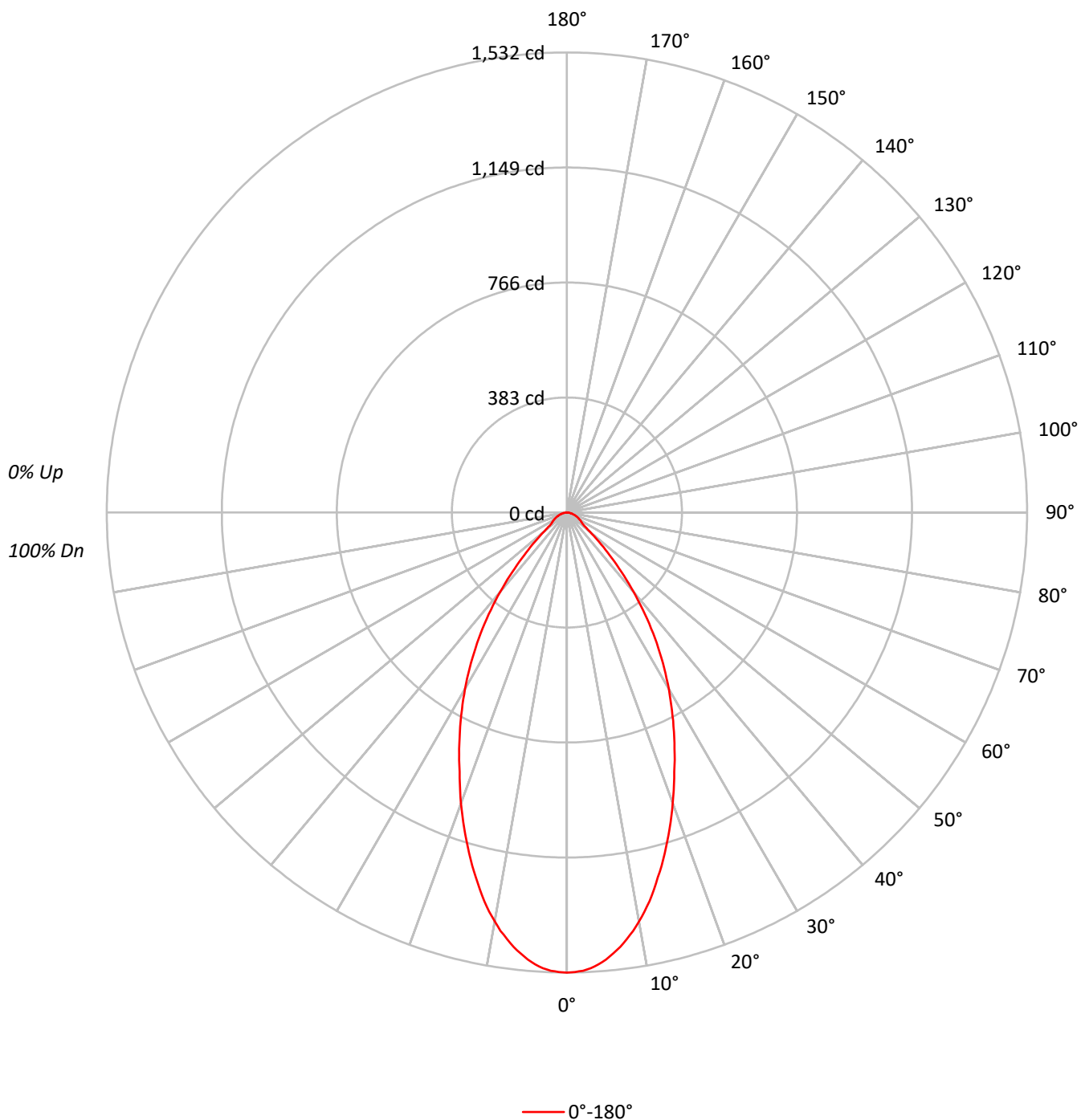
Lumens per Lamp: N/A
Luminaire Lumens: 1471.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	336026
5°	328901
10°	308010
15°	276483
20°	240518
25°	204955
30°	171672
35°	136737
40°	98871
45°	62580
50°	34114
55°	23626
60°	22323
65°	20754
70°	19811
75°	16945
80°	16037
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62580 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.1	9.5
10°-20°	338.9	23.0
20°-30°	388.4	26.4
30°-40°	316.9	21.5
40°-50°	159.8	10.9
50°-60°	59.4	4.0
60°-70°	39.8	2.7
70°-80°	22.0	1.5
80°-90°	6.7	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°	866.4	58.9
0°-40°	1183.3	80.4
0°-60°	1402.5	95.3
0°-90°	1471.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1471.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1532	
5°	1494	139
15°	1218	339
25°	847	388
35°	511	317
45°	202	160
55°	62	59
65°	40	40
75°	20	22
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1532.4
1°	1530.6
2°	1526.9
3°	1519.7
4°	1508.7
5°	1494.2
6°	1476.0
7°	1457.8
8°	1434.2
9°	1410.6
10°	1383.3
11°	1354.2
12°	1323.3
13°	1288.8
14°	1252.4
15°	1217.9
17.5°	1125.2
20°	1030.7
22.5°	934.3
25°	847.1
27.5°	761.6
30°	678.0
32.5°	594.4
35°	510.8
37.5°	427.2
40°	345.4
42.5°	269.0
45°	201.8
47.5°	145.4
50°	100.0
52.5°	72.7
55°	61.8
57.5°	56.4
60°	50.9
62.5°	45.4
65°	40.0
67.5°	34.5
70°	30.9
72.5°	25.4
75°	20.0
77.5°	16.4
80°	12.7
82.5°	9.1
85°	5.5
87.5°	3.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)