

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: P1270578

Luminaire Tested: P3A20R359740D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270578
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: P3A20R359740D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

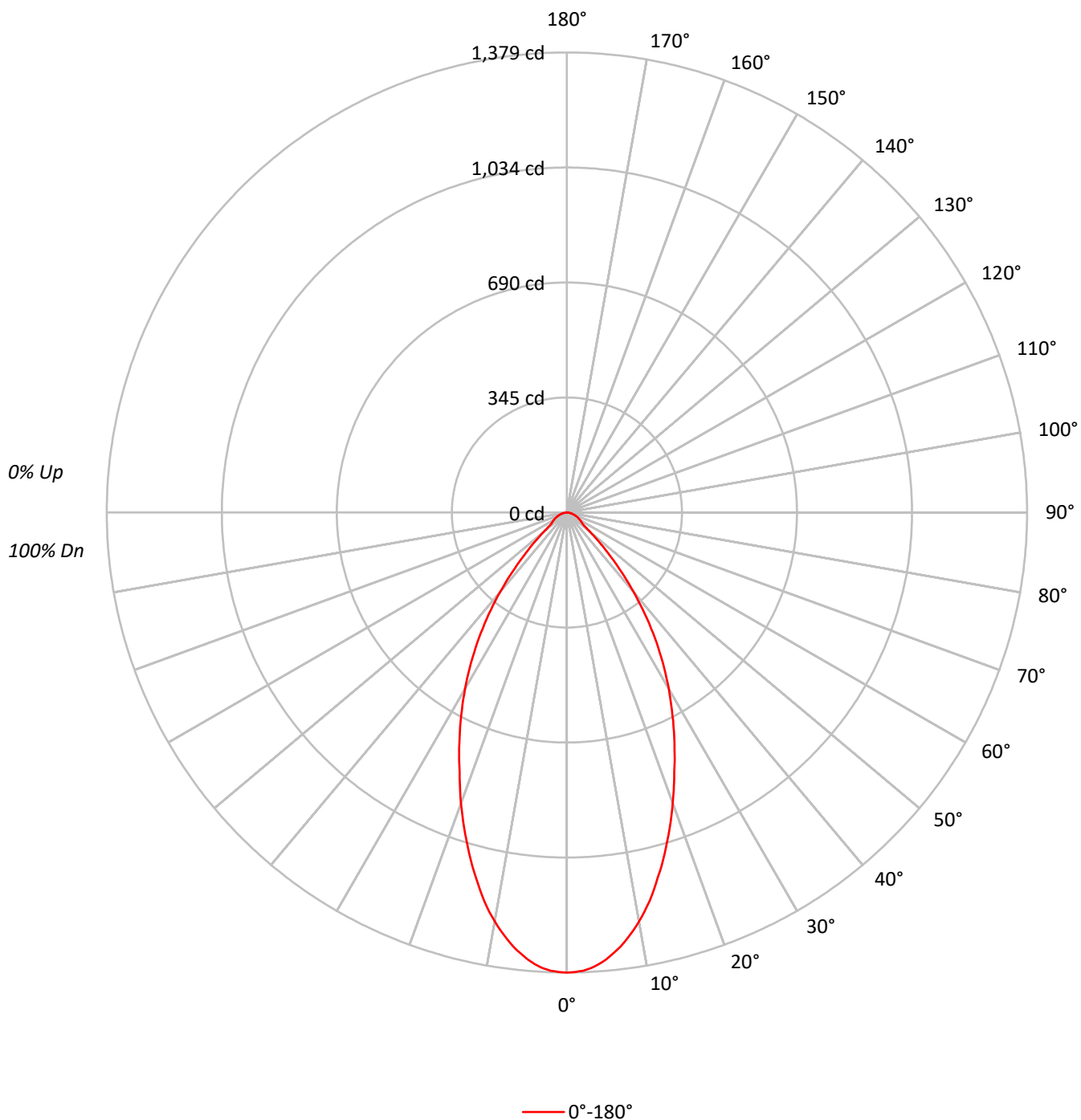
Lumens per Lamp: N/A
Luminaire Lumens: 1324.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	302432
5°	296037
10°	277238
15°	248855
20°	216482
25°	184462
30°	154530
35°	123058
40°	88995
45°	56316
50°	30703
55°	21256
60°	20086
65°	18679
70°	17824
75°	15250
80°	14522
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56316 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.2	9.5
10°-20°	305.1	23.0
20°-30°	349.6	26.4
30°-40°	285.3	21.5
40°-50°	143.8	10.9
50°-60°	53.4	4.0
60°-70°	35.8	2.7
70°-80°	19.8	1.5
80°-90°	6.0	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°	779.8	58.9
0°-40°	1065.1	80.4
0°-60°	1262.3	95.3
0°-90°	1324.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1324.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1379	
5°	1345	125
15°	1096	305
25°	762	350
35°	460	285
45°	182	144
55°	56	53
65°	36	36
75°	18	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1379.2
1°	1377.6
2°	1374.3
3°	1367.8
4°	1358.0
5°	1344.9
6°	1328.5
7°	1312.2
8°	1290.9
9°	1269.6
10°	1245.1
11°	1218.9
12°	1191.1
13°	1160.0
14°	1127.3
15°	1096.2
17.5°	1012.8
20°	927.7
22.5°	841.0
25°	762.4
27.5°	685.5
30°	610.3
32.5°	535.0
35°	459.7
37.5°	384.5
40°	310.9
42.5°	242.1
45°	181.6
47.5°	130.9
50°	90.0
52.5°	65.4
55°	55.6
57.5°	50.7
60°	45.8
62.5°	40.9
65°	36.0
67.5°	31.1
70°	27.8
72.5°	22.9
75°	18.0
77.5°	14.7
80°	11.5
82.5°	8.2
85°	4.9
87.5°	3.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)