

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: P1268139

Luminaire Tested: P3A20R259735D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268139
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259735D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

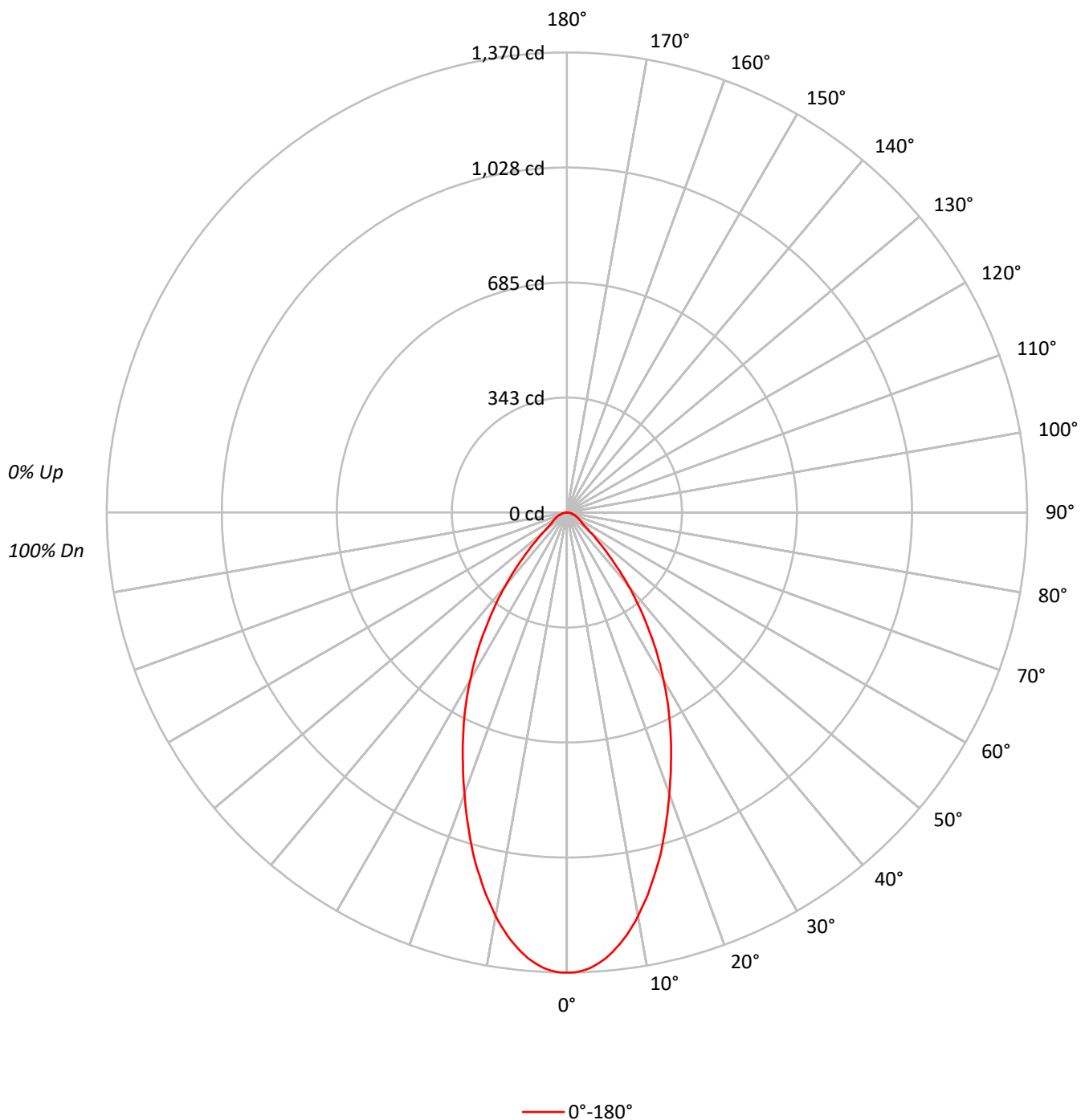
Lumens per Lamp: N/A
Luminaire Lumens: 1264.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1268139

CATALOG NUMBER: P3A20R259735D010 E3DLD1MW

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	300415
5°	293242
10°	271738
15°	242022
20°	207988
25°	176792
30°	145541
35°	113394
40°	81581
45°	51757
50°	30634
55°	21065
60°	19341
65°	17953
70°	16157
75°	14657
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51757 cd/sqm

TEST NUMBER: P1268139

CATALOG NUMBER: P3A20R259735D010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.5	9.8
10°-20°	296.0	23.4
20°-30°	334.4	26.5
30°-40°	264.5	20.9
40°-50°	133.6	10.6
50°-60°	53.5	4.2
60°-70°	34.3	2.7
70°-80°	18.9	1.5
80°-90°	5.4	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°	753.9	59.6
0°-40°	1018.4	80.6
0°-60°	1205.5	95.4
0°-90°	1264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1264.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1370	
5°	1332	124
15°	1066	296
25°	731	334
35°	424	264
45°	167	134
55°	55	54
65°	35	34
75°	17	19
85°	5	5
90°	0	

TEST NUMBER: P1268139

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1370.0
1°	1370.0
2°	1365.2
3°	1357.4
4°	1346.3
5°	1332.2
6°	1314.9
7°	1294.4
8°	1272.3
9°	1247.1
10°	1220.4
11°	1190.5
12°	1162.1
13°	1129.0
14°	1097.6
15°	1066.1
17.5°	977.9
20°	891.3
22.5°	809.4
25°	730.7
27.5°	653.5
30°	574.8
32.5°	500.7
35°	423.6
37.5°	352.7
40°	285.0
42.5°	222.0
45°	166.9
47.5°	124.4
50°	89.8
52.5°	67.7
55°	55.1
57.5°	50.4
60°	44.1
62.5°	39.4
65°	34.6
67.5°	29.9
70°	25.2
72.5°	22.0
75°	17.3
77.5°	14.2
80°	11.0
82.5°	7.9
85°	4.7
87.5°	1.6



TEST NUMBER: P1268139

CATALOG NUMBER: P3A20R259735D010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)