

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: P1265760

Luminaire Tested: P3A20R259730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265760
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: P3A20R259730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

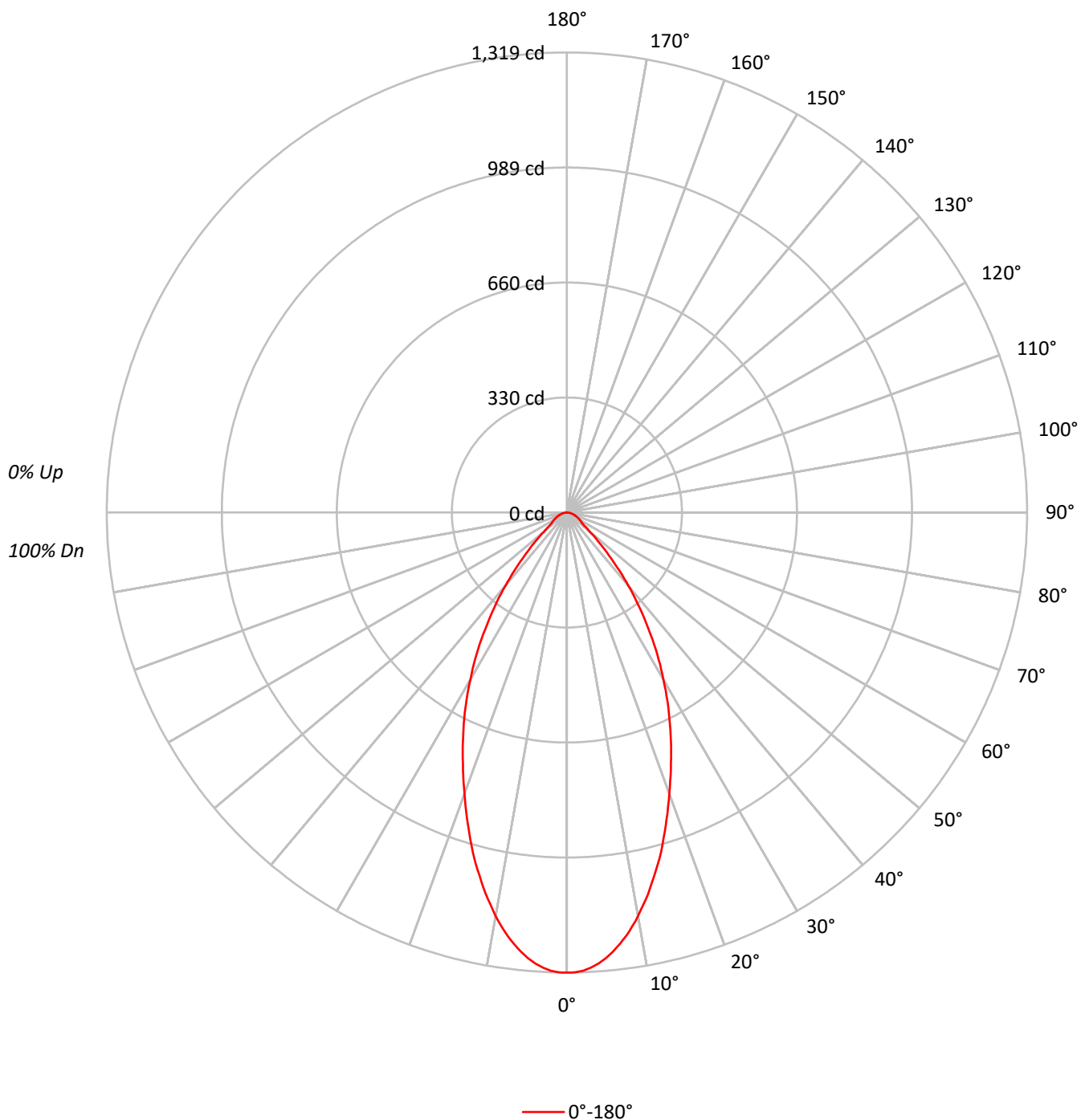
Lumens per Lamp: N/A
Luminaire Lumens: 1217.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	289231
5°	282324
10°	261630
15°	233009
20°	200241
25°	170211
30°	140123
35°	109165
40°	78547
45°	49835
50°	29475
55°	20300
60°	18639
65°	17330
70°	15580
75°	14149
80°	13386
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49835 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.0	9.8
10°-20°	284.9	23.4
20°-30°	322.0	26.5
30°-40°	254.7	20.9
40°-50°	128.6	10.6
50°-60°	51.5	4.2
60°-70°	33.0	2.7
70°-80°	18.2	1.5
80°-90°	5.1	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°	725.9	59.6
0°-40°	980.5	80.6
0°-60°	1160.7	95.4
0°-90°	1217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1217.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1319	
5°	1283	119
15°	1026	285
25°	704	322
35°	408	255
45°	161	129
55°	53	52
65°	33	33
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1319.0
1°	1319.0
2°	1314.5
3°	1306.9
4°	1296.3
5°	1282.6
6°	1266.0
7°	1246.3
8°	1225.0
9°	1200.8
10°	1175.0
11°	1146.2
12°	1118.9
13°	1087.1
14°	1056.7
15°	1026.4
17.5°	941.5
20°	858.1
22.5°	779.3
25°	703.5
27.5°	629.2
30°	553.4
32.5°	482.1
35°	407.8
37.5°	339.6
40°	274.4
42.5°	213.8
45°	160.7
47.5°	119.8
50°	86.4
52.5°	65.2
55°	53.1
57.5°	48.5
60°	42.5
62.5°	37.9
65°	33.4
67.5°	28.8
70°	24.3
72.5°	21.2
75°	16.7
77.5°	13.6
80°	10.6
82.5°	7.6
85°	4.5
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)