

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: P1265935

Luminaire Tested: P3A20R559730D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265935
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R559730D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

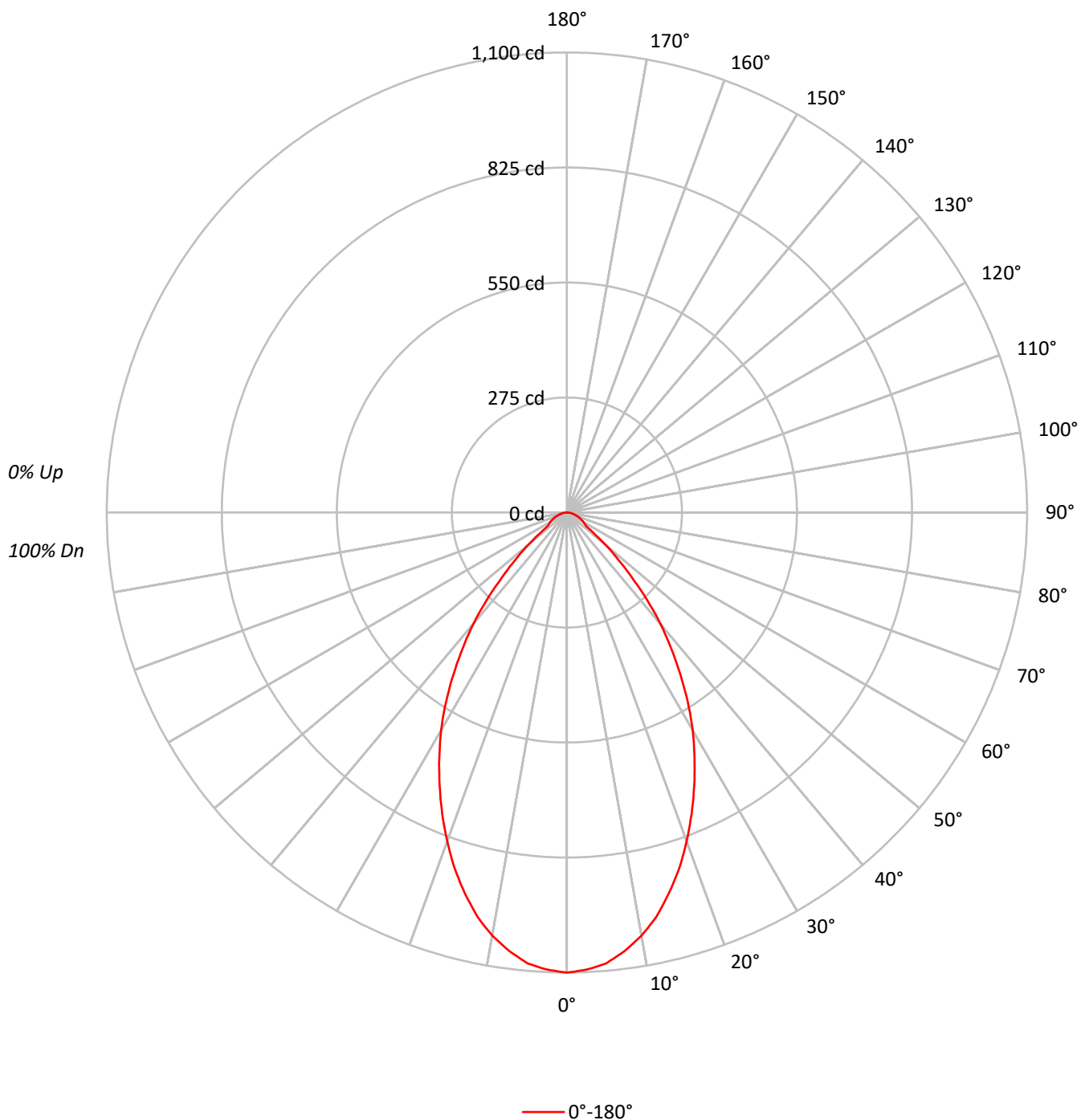
Lumens per Lamp: N/A
Luminaire Lumens: 1283.0 lumens
Efficiency: N/A
Efficacy: 44.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241231
5°	238146
10°	228764
15°	213963
20°	195200
25°	174155
30°	152327
35°	126565
40°	99758
45°	67666
50°	41346
55°	21447
60°	19955
65°	18887
70°	17503
75°	15420
80°	15280
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67666 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.5	7.9
10°-20°	263.4	20.5
20°-30°	329.9	25.7
30°-40°	294.5	23.0
40°-50°	172.4	13.4
50°-60°	59.6	4.6
60°-70°	36.0	2.8
70°-80°	20.0	1.6
80°-90°	5.8	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°	694.8	54.2
0°-40°	989.3	77.1
0°-60°	1221.3	95.2
0°-90°	1283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1100	
5°	1082	101
15°	942	263
25°	720	330
35°	473	294
45°	218	172
55°	56	60
65°	36	36
75°	18	20
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1100.1
2.5°	1094.1
5°	1081.9
7.5°	1057.7
10°	1027.4
12.5°	989.5
15°	942.5
17.5°	892.5
20°	836.5
22.5°	778.9
25°	719.8
27.5°	660.7
30°	601.6
32.5°	537.9
35°	472.8
37.5°	409.1
40°	348.5
42.5°	283.4
45°	218.2
47.5°	166.7
50°	121.2
52.5°	78.8
55°	56.1
57.5°	50.0
60°	45.5
62.5°	40.9
65°	36.4
67.5°	31.8
70°	27.3
72.5°	22.7
75°	18.2
77.5°	15.2
80°	12.1
82.5°	7.6
85°	4.5
87.5°	3.0
90°	0.0

(END OF REPORT)