

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: P1276930

Luminaire Tested: P3AS20R559835D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276930
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: P3AS20R559835D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

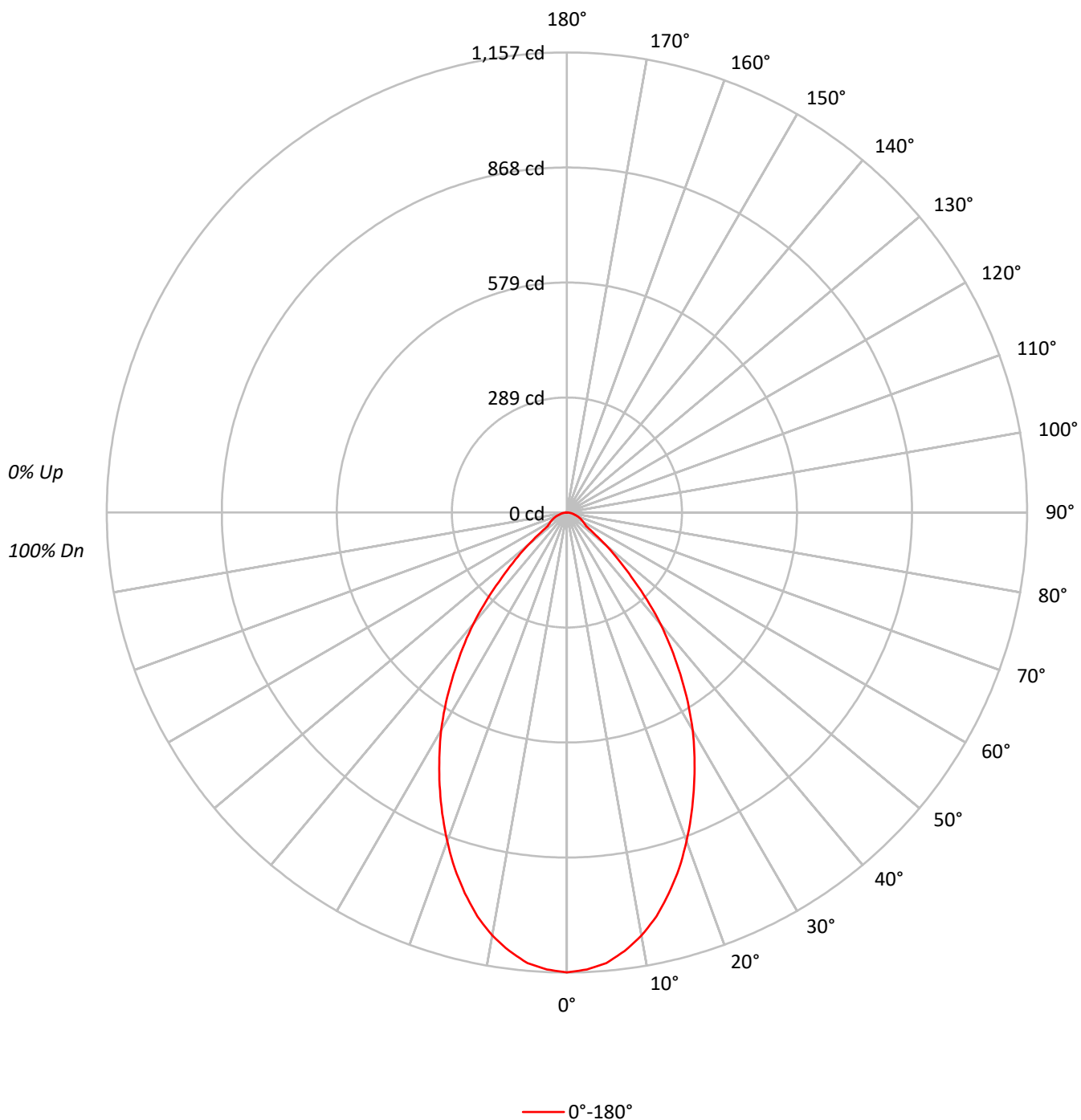
Lumens per Lamp: N/A
Luminaire Lumens: 1349.0 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	253642
5°	250407
10°	240521
15°	224973
20°	205235
25°	183107
30°	160151
35°	133070
40°	104911
45°	71139
50°	43495
55°	22556
60°	20963
65°	19821
70°	18401
75°	16182
80°	16037
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 71139 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	7.9
10°-20°	277.0	20.5
20°-30°	346.9	25.7
30°-40°	309.6	23.0
40°-50°	181.3	13.4
50°-60°	62.7	4.6
60°-70°	37.8	2.8
70°-80°	21.0	1.6
80°-90°	6.1	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°	730.5	54.2
0°-40°	1040.2	77.1
0°-60°	1284.1	95.2
0°-90°	1349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1349.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1157	
5°	1138	107
15°	991	277
25°	757	347
35°	497	310
45°	229	181
55°	59	63
65°	38	38
75°	19	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1156.7
2.5°	1150.3
5°	1137.6
7.5°	1112.1
10°	1080.2
12.5°	1040.4
15°	991.0
17.5°	938.4
20°	879.5
22.5°	818.9
25°	756.8
27.5°	694.7
30°	632.5
32.5°	565.6
35°	497.1
37.5°	430.2
40°	366.5
42.5°	297.9
45°	229.4
47.5°	175.3
50°	127.5
52.5°	82.9
55°	59.0
57.5°	52.6
60°	47.8
62.5°	43.0
65°	38.2
67.5°	33.5
70°	28.7
72.5°	23.9
75°	19.1
77.5°	15.9
80°	12.7
82.5°	8.0
85°	4.8
87.5°	3.2
90°	0.0

(END OF REPORT)