

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: P1276959

Luminaire Tested: P3AS20R609835D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609835D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

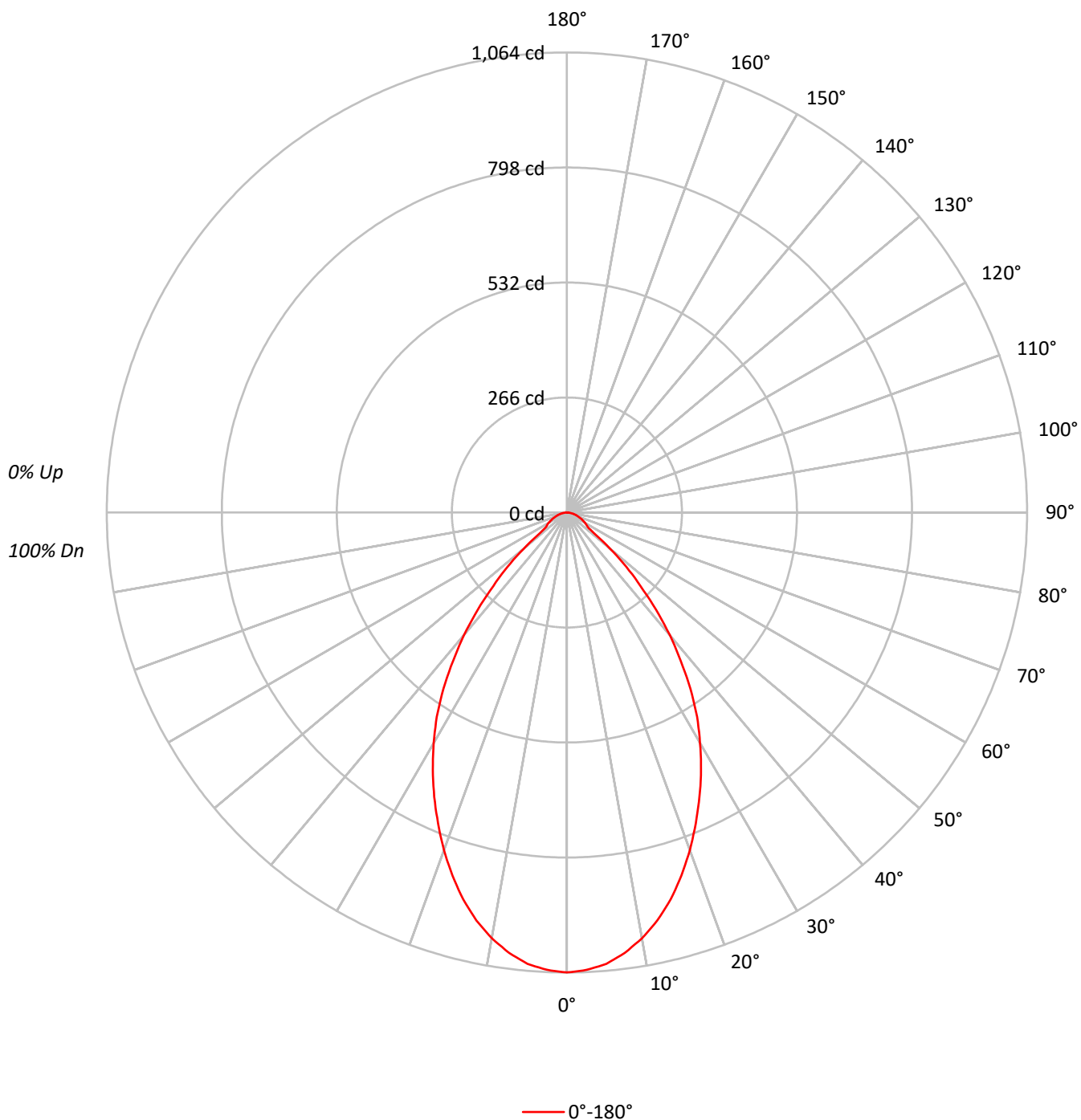
Lumens per Lamp: N/A
Luminaire Lumens: 1314.0 lumens
Efficiency: N/A
Efficacy: 48.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233249
5°	230640
10°	222641
15°	210353
20°	193894
25°	175559
30°	155872
35°	133204
40°	105913
45°	74674
50°	44621
55°	22556
60°	21665
65°	19872
70°	18401
75°	17538
80°	16164
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 74674 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.5	7.5
10°-20°	258.9	19.7
20°-30°	332.5	25.3
30°-40°	308.3	23.5
40°-50°	187.7	14.3
50°-60°	62.5	4.8
60°-70°	38.1	2.9
70°-80°	21.4	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°	689.9	52.5
0°-40°	998.2	76.0
0°-60°	1248.4	95.0
0°-90°	1314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1064	
5°	1048	98
15°	927	259
25°	726	333
35°	498	308
45°	241	188
55°	59	63
65°	38	38
75°	21	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1063.7
2.5°	1058.9
5°	1047.8
7.5°	1027.0
10°	999.9
12.5°	966.4
15°	926.6
17.5°	880.3
20°	830.9
22.5°	778.3
25°	725.6
27.5°	671.4
30°	615.6
32.5°	559.8
35°	497.6
37.5°	432.2
40°	370.0
42.5°	304.6
45°	240.8
47.5°	186.6
50°	130.8
52.5°	78.1
55°	59.0
57.5°	54.2
60°	49.4
62.5°	43.1
65°	38.3
67.5°	33.5
70°	28.7
72.5°	23.9
75°	20.7
77.5°	15.9
80°	12.8
82.5°	8.0
85°	4.8
87.5°	3.2
90°	0.0

(END OF REPORT)