

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: P1255569

Luminaire Tested: P3AS20R609035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255569
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: P3AS20R609035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

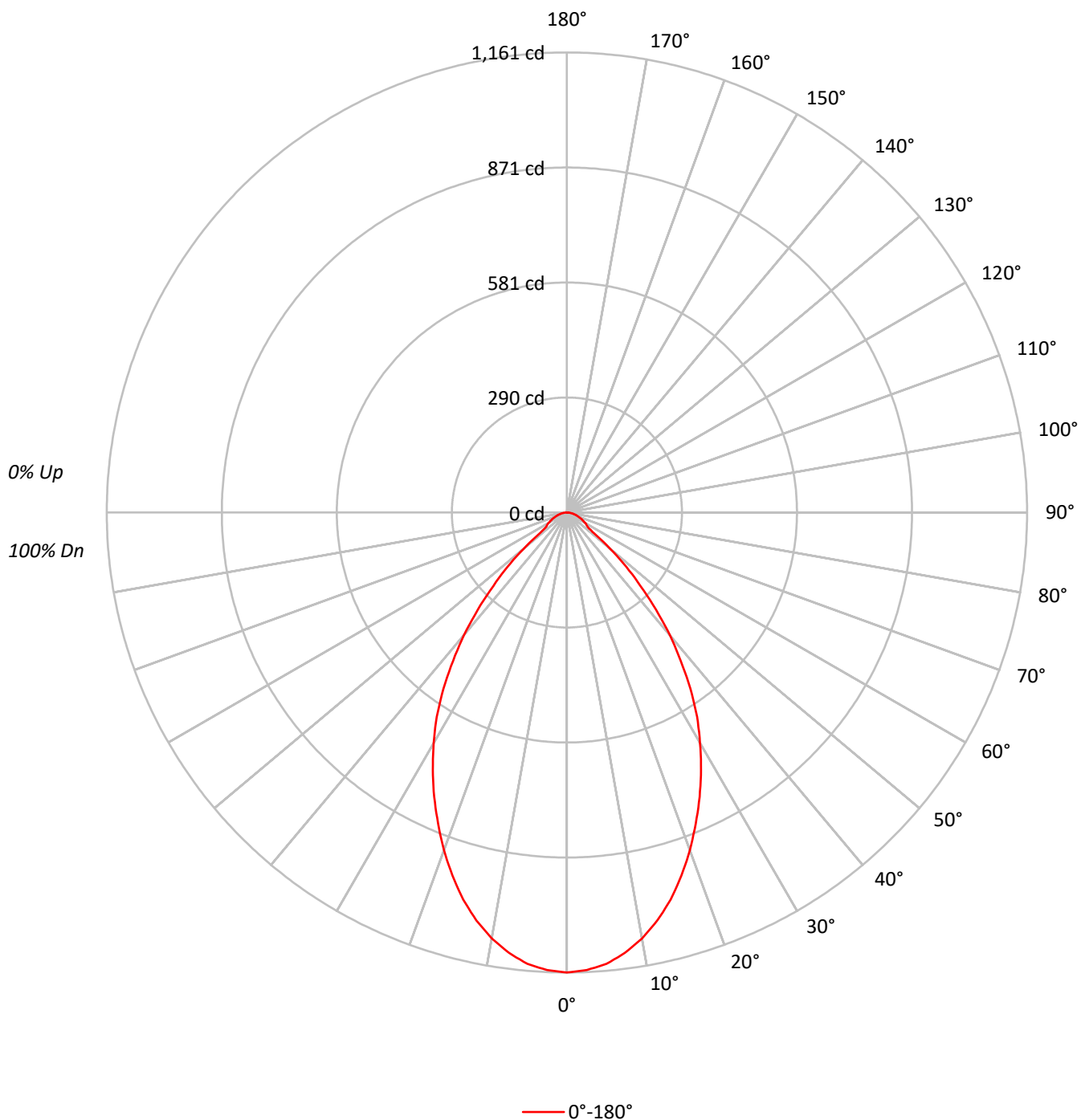
Lumens per Lamp: N/A
Luminaire Lumens: 1434.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	254563
5°	251705
10°	242993
15°	229559
20°	211605
25°	191600
30°	170102
35°	145357
40°	115588
45°	81497
50°	48681
55°	24620
60°	23682
65°	21688
70°	20067
75°	19148
80°	17553
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 81497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	7.5
10°-20°	282.6	19.7
20°-30°	362.9	25.3
30°-40°	336.4	23.5
40°-50°	204.8	14.3
50°-60°	68.3	4.8
60°-70°	41.5	2.9
70°-80°	23.4	1.6
80°-90°	6.6	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°	752.9	52.5
0°-40°	1089.3	76.0
0°-60°	1362.4	95.0
0°-90°	1434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1434.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1161	
5°	1144	107
15°	1011	283
25°	792	363
35°	543	336
45°	263	205
55°	64	68
65°	42	42
75°	23	23
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1160.9
2.5°	1155.6
5°	1143.5
7.5°	1120.8
10°	1091.3
12.5°	1054.7
15°	1011.2
17.5°	960.7
20°	906.8
22.5°	849.3
25°	791.9
27.5°	732.7
30°	671.8
32.5°	610.9
35°	543.0
37.5°	471.7
40°	403.8
42.5°	332.4
45°	262.8
47.5°	203.6
50°	142.7
52.5°	85.3
55°	64.4
57.5°	59.2
60°	54.0
62.5°	47.0
65°	41.8
67.5°	36.5
70°	31.3
72.5°	26.1
75°	22.6
77.5°	17.4
80°	13.9
82.5°	8.7
85°	5.2
87.5°	3.5
90°	0.0

(END OF REPORT)