

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: P1250529

Luminaire Tested: P3AS24R659027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250529
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

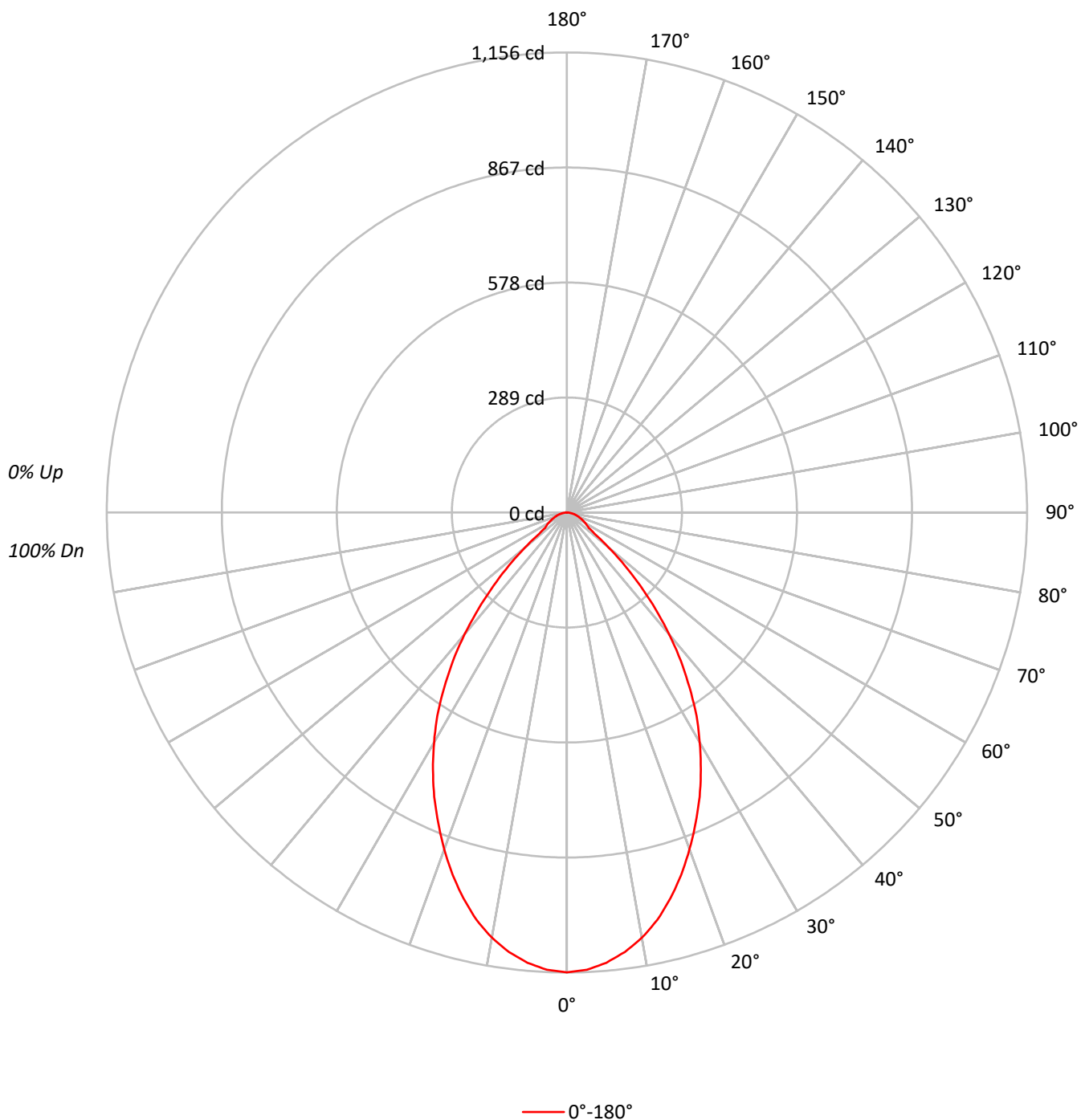
Lumens per Lamp: N/A
Luminaire Lumens: 1423.9 lumens
Efficiency: N/A
Efficacy: 49.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	253401
5°	249988
10°	241612
15°	227856
20°	210158
25°	190777
30°	168963
35°	143778
40°	114414
45°	80753
50°	46873
55°	25576
60°	23814
65°	21585
70°	19683
75°	18385
80°	16037
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 80753 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.8	7.5
10°-20°	280.8	19.7
20°-30°	360.9	25.3
30°-40°	333.8	23.4
40°-50°	201.5	14.2
50°-60°	68.7	4.8
60°-70°	41.4	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°	748.5	52.6
0°-40°	1082.3	76.0
0°-60°	1352.6	95.0
0°-90°	1423.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1423.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1156	
5°	1136	107
15°	1004	281
25°	788	361
35°	537	334
45°	260	202
55°	67	69
65°	42	41
75°	22	23
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1155.6
2.5°	1150.2
5°	1135.7
7.5°	1114.0
10°	1085.1
12.5°	1048.9
15°	1003.7
17.5°	954.9
20°	900.6
22.5°	844.6
25°	788.5
27.5°	728.8
30°	667.3
32.5°	605.8
35°	537.1
37.5°	470.2
40°	399.7
42.5°	329.1
45°	260.4
47.5°	197.1
50°	137.4
52.5°	86.8
55°	66.9
57.5°	59.7
60°	54.3
62.5°	47.0
65°	41.6
67.5°	36.2
70°	30.7
72.5°	27.1
75°	21.7
77.5°	18.1
80°	12.7
82.5°	9.0
85°	5.4
87.5°	3.6
90°	0.0

(END OF REPORT)