

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: P1249951

Luminaire Tested: P3AS20R259027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249951
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

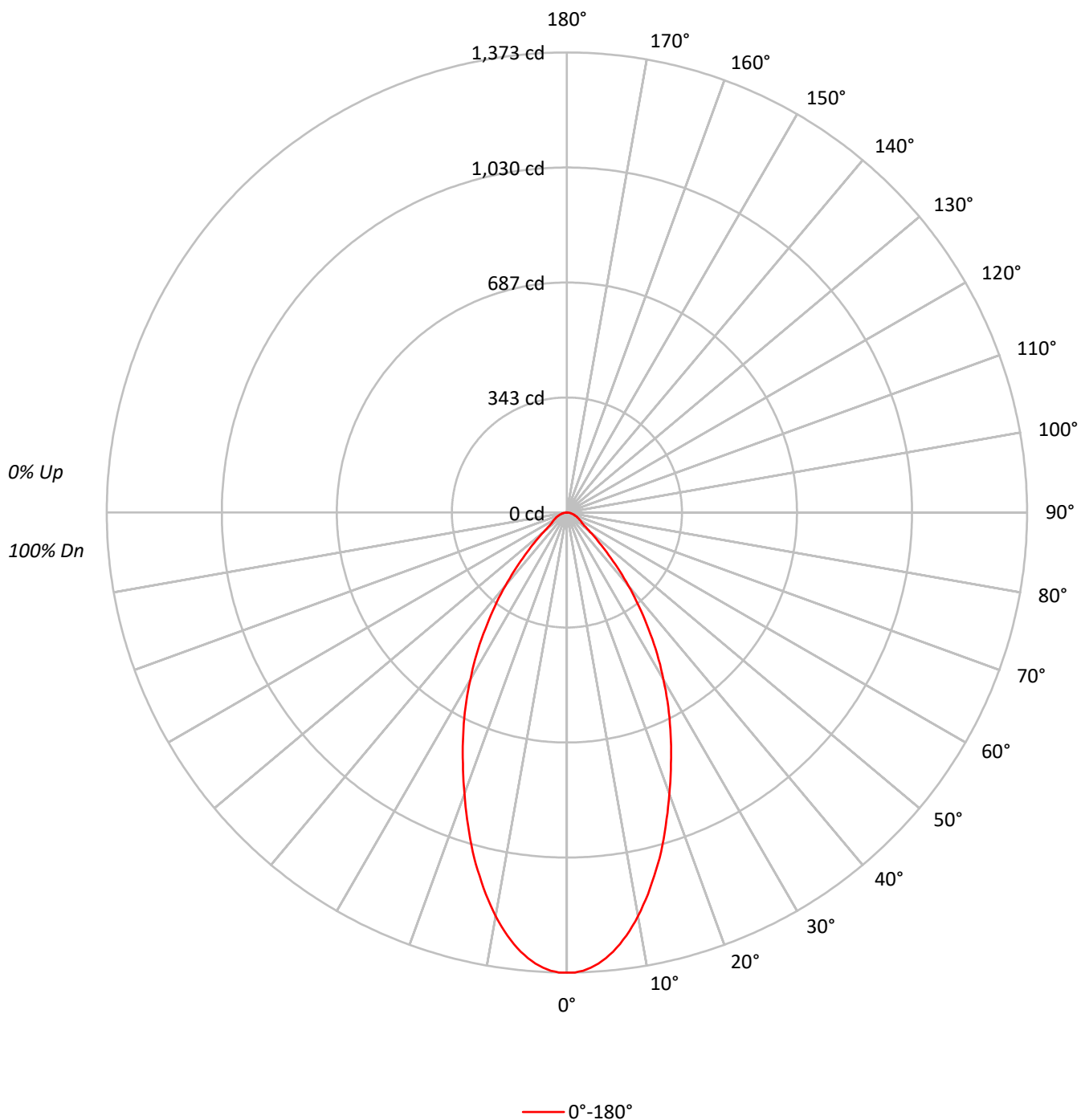
Lumens per Lamp: N/A
Luminaire Lumens: 1267.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	301116
5°	293924
10°	272384
15°	242589
20°	208478
25°	177204
30°	145871
35°	113662
40°	81782
45°	51881
50°	30703
55°	21103
60°	19384
65°	18005
70°	16221
75°	14742
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 51881 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.8	9.8
10°-20°	296.7	23.4
20°-30°	335.2	26.5
30°-40°	265.1	20.9
40°-50°	133.9	10.6
50°-60°	53.6	4.2
60°-70°	34.4	2.7
70°-80°	18.9	1.5
80°-90°	5.4	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°	755.7	59.6
0°-40°	1020.8	80.6
0°-60°	1208.4	95.4
0°-90°	1267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1267.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1373	
5°	1335	124
15°	1069	297
25°	732	335
35°	425	265
45°	167	134
55°	55	54
65°	35	34
75°	17	19
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1373.2
1°	1373.2
2°	1368.5
3°	1360.6
4°	1349.5
5°	1335.3
6°	1318.0
7°	1297.5
8°	1275.4
9°	1250.1
10°	1223.3
11°	1193.3
12°	1164.9
13°	1131.7
14°	1100.2
15°	1068.6
17.5°	980.2
20°	893.4
22.5°	811.3
25°	732.4
27.5°	655.0
30°	576.1
32.5°	501.9
35°	424.6
37.5°	353.6
40°	285.7
42.5°	222.6
45°	167.3
47.5°	124.7
50°	90.0
52.5°	67.9
55°	55.2
57.5°	50.5
60°	44.2
62.5°	39.5
65°	34.7
67.5°	30.0
70°	25.3
72.5°	22.1
75°	17.4
77.5°	14.2
80°	11.0
82.5°	7.9
85°	4.7
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)