

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: P1249957

Luminaire Tested: P3AS20R259027D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259027D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

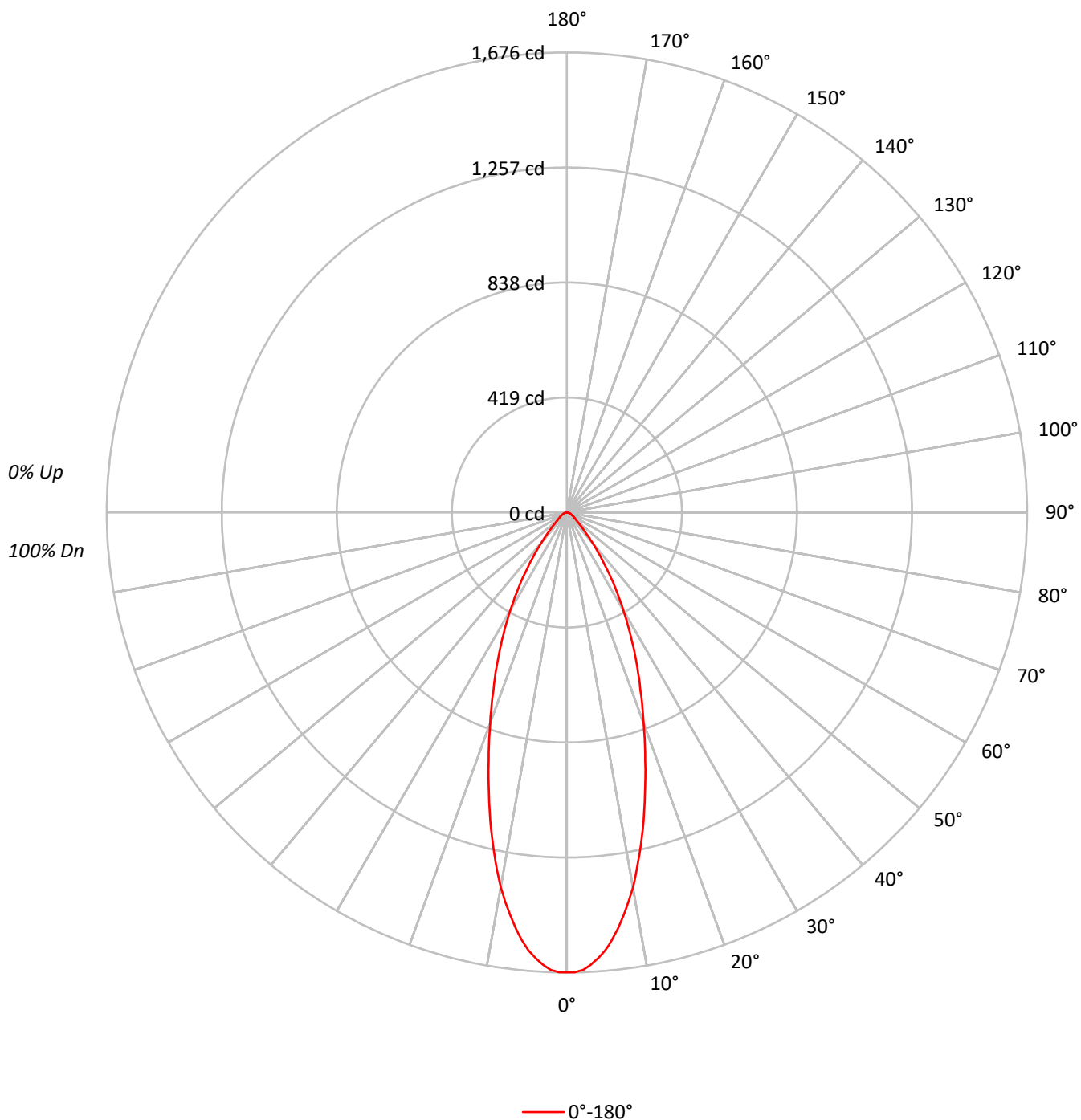
Lumens per Lamp: N/A
Luminaire Lumens: 1012.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	367405
5°	352497
10°	308790
15°	248219
20°	190720
25°	144299
30°	104269
35°	69252
40°	41993
45°	24468
50°	15624
55°	12654
60°	11052
65°	9806
70°	8078
75°	8049
80°	5935
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24468 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.8	14.4
10°-20°	302.3	29.9
20°-30°	273.4	27.0
30°-40°	164.2	16.2
40°-50°	65.3	6.4
50°-60°	30.1	3.0
60°-70°	18.3	1.8
70°-80°	9.8	1.0
80°-90°	2.8	0.3
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°	721.5	71.3
0°-40°	885.8	87.5
0°-60°	981.1	96.9
0°-90°	1012.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1012.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1676	
5°	1601	146
15°	1093	302
25°	596	273
35°	259	164
45°	79	65
55°	33	30
65°	19	18
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1675.5
1°	1675.5
2°	1667.6
3°	1650.3
4°	1628.2
5°	1601.4
6°	1566.7
7°	1527.2
8°	1481.5
9°	1435.7
10°	1386.8
11°	1330.0
12°	1271.6
13°	1213.3
14°	1154.9
15°	1093.4
17.5°	948.2
20°	817.3
22.5°	698.9
25°	596.4
27.5°	500.1
30°	411.8
32.5°	331.3
35°	258.7
37.5°	197.2
40°	146.7
42.5°	107.3
45°	78.9
47.5°	60.0
50°	45.8
52.5°	37.9
55°	33.1
57.5°	28.4
60°	25.2
62.5°	20.5
65°	18.9
67.5°	15.8
70°	12.6
72.5°	11.0
75°	9.5
77.5°	7.9
80°	4.7
82.5°	3.2
85°	3.2
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)