

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: P1255371

Luminaire Tested: P3AS20R259035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255371
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: P3AS20R259035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

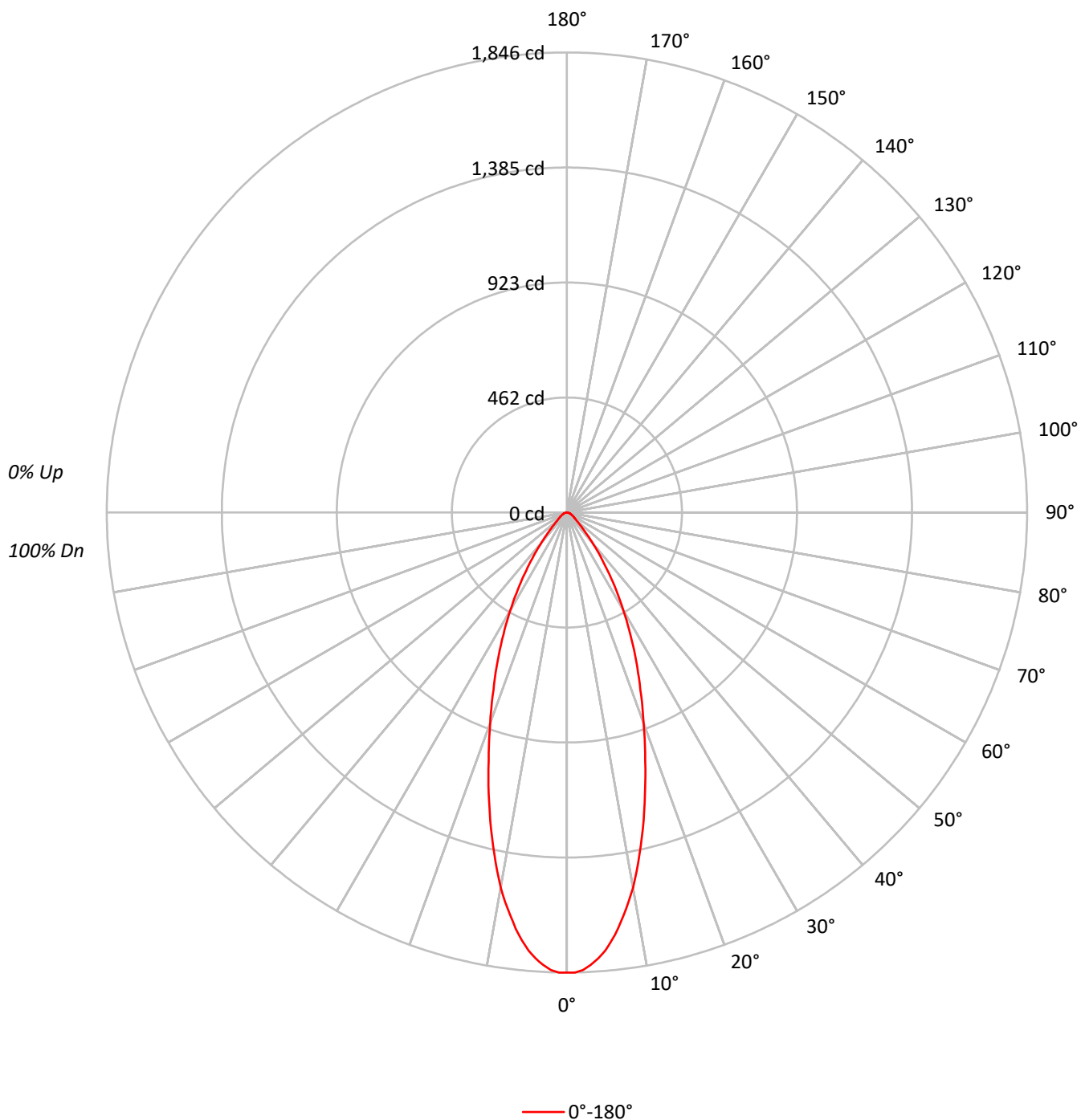
Lumens per Lamp: N/A
Luminaire Lumens: 1115.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	404814
5°	388377
10°	340230
15°	273464
20°	210112
25°	158985
30°	114878
35°	76319
40°	46287
45°	26949
50°	17193
55°	13954
60°	12192
65°	10844
70°	8912
75°	8811
80°	6566
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26949 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.6	14.4
10°-20°	333.1	29.9
20°-30°	301.3	27.0
30°-40°	181.0	16.2
40°-50°	71.9	6.4
50°-60°	33.1	3.0
60°-70°	20.2	1.8
70°-80°	10.8	1.0
80°-90°	3.1	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°	795.0	71.3
0°-40°	975.9	87.5
0°-60°	1081.0	96.9
0°-90°	1115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1846	
5°	1764	161
15°	1205	333
25°	657	301
35°	285	181
45°	87	72
55°	36	33
65°	21	20
75°	10	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1846.1
1°	1846.1
2°	1837.4
3°	1818.3
4°	1793.9
5°	1764.4
6°	1726.1
7°	1682.7
8°	1632.3
9°	1581.8
10°	1528.0
11°	1465.4
12°	1401.1
13°	1336.7
14°	1272.4
15°	1204.6
17.5°	1044.7
20°	900.4
22.5°	770.1
25°	657.1
27.5°	551.0
30°	453.7
32.5°	365.0
35°	285.1
37.5°	217.3
40°	161.7
42.5°	118.2
45°	86.9
47.5°	66.1
50°	50.4
52.5°	41.7
55°	36.5
57.5°	31.3
60°	27.8
62.5°	22.6
65°	20.9
67.5°	17.4
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	5.2
82.5°	3.5
85°	3.5
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)