

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: P1258078

Luminaire Tested: P3AS20R259040D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258078
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: P3AS20R259040D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

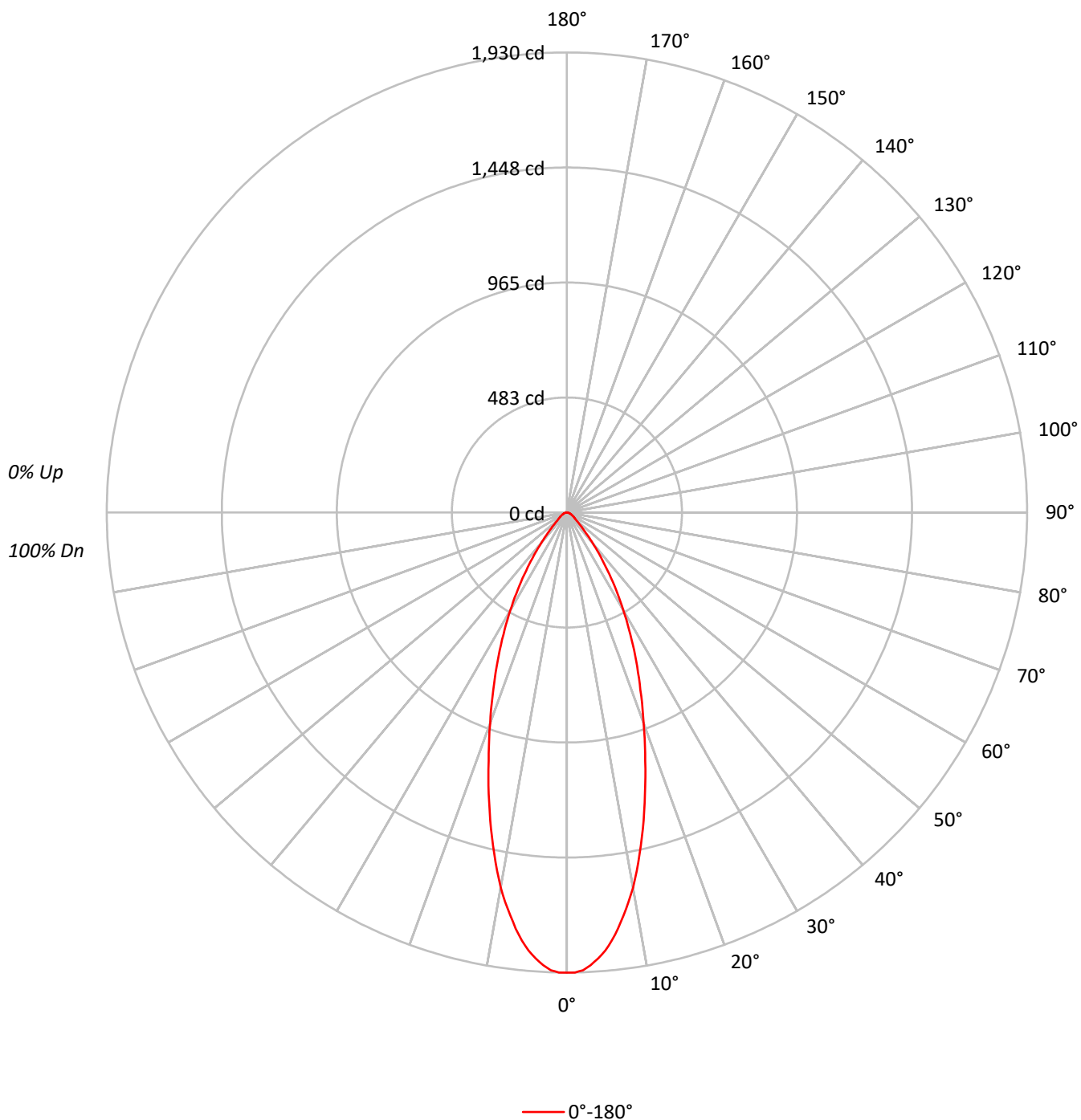
Lumens per Lamp: N/A
Luminaire Lumens: 1165.9 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	423321
5°	406140
10°	355772
15°	285972
20°	219726
25°	166243
30°	120120
35°	79799
40°	48405
45°	28189
50°	17978
55°	14604
60°	12762
65°	11311
70°	9296
75°	9235
80°	6945
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28189 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.0	14.4
10°-20°	348.3	29.9
20°-30°	315.0	27.0
30°-40°	189.2	16.2
40°-50°	75.2	6.4
50°-60°	34.7	3.0
60°-70°	21.1	1.8
70°-80°	11.3	1.0
80°-90°	3.2	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°	831.3	71.3
0°-40°	1020.5	87.5
0°-60°	1130.4	96.9
0°-90°	1165.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1165.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1930	
5°	1845	168
15°	1260	348
25°	687	315
35°	298	189
45°	91	75
55°	38	35
65°	22	21
75°	11	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1930.5
1°	1930.5
2°	1921.4
3°	1901.4
4°	1876.0
5°	1845.1
6°	1805.1
7°	1759.6
8°	1706.9
9°	1654.2
10°	1597.8
11°	1532.4
12°	1465.1
13°	1397.9
14°	1330.6
15°	1259.7
17.5°	1092.5
20°	941.6
22.5°	805.3
25°	687.1
27.5°	576.2
30°	474.4
32.5°	381.7
35°	298.1
37.5°	227.2
40°	169.1
42.5°	123.6
45°	90.9
47.5°	69.1
50°	52.7
52.5°	43.6
55°	38.2
57.5°	32.7
60°	29.1
62.5°	23.6
65°	21.8
67.5°	18.2
70°	14.5
72.5°	12.7
75°	10.9
77.5°	9.1
80°	5.5
82.5°	3.6
85°	3.6
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)