

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: P1272439

Luminaire Tested: P3AS17R559827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272439
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

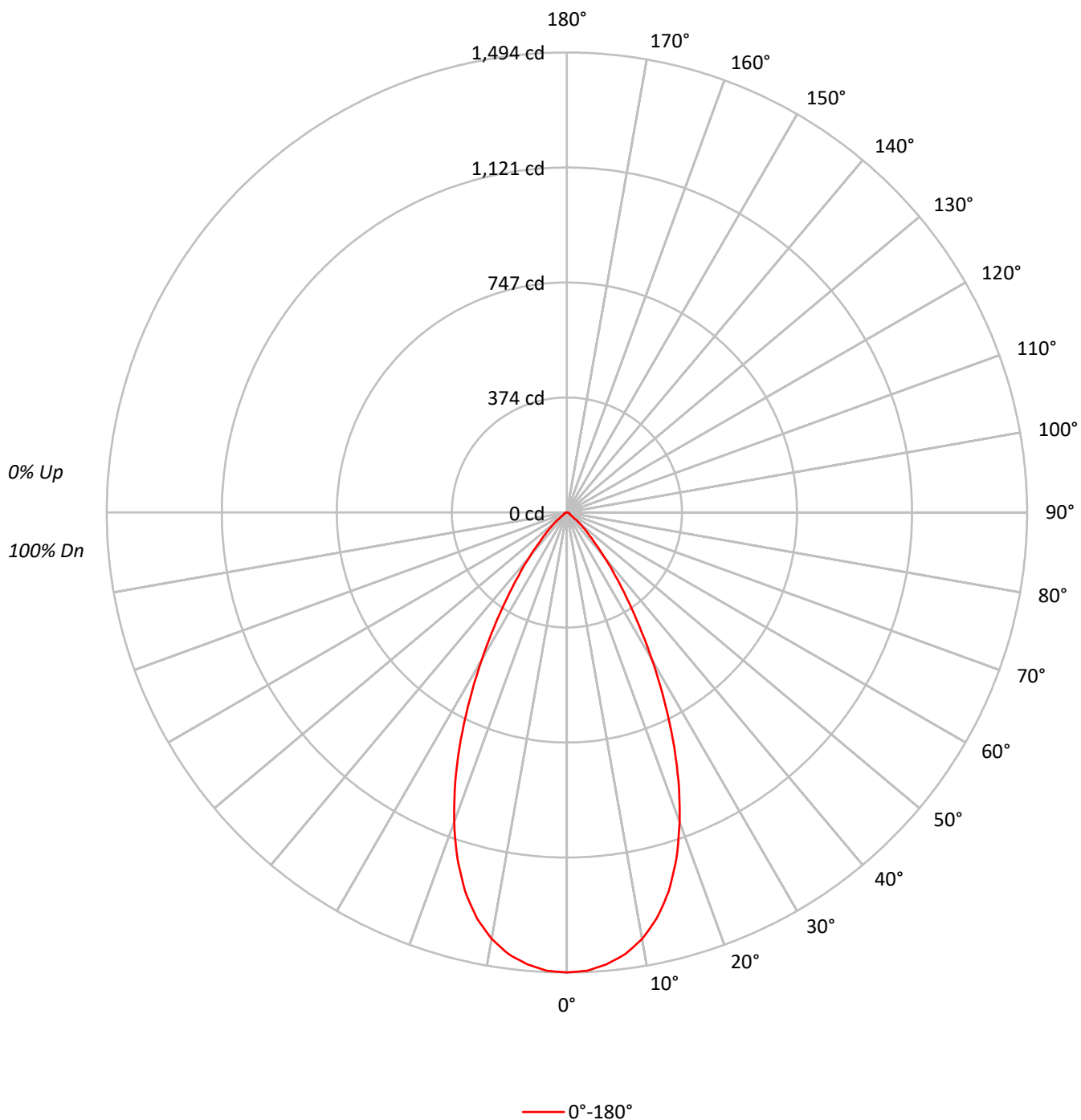
Lumens per Lamp: N/A
Luminaire Lumens: 1193.0 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	327583
5°	324256
10°	313154
15°	289445
20°	249782
25°	197286
30°	139946
35°	90239
40°	54187
45°	30546
50°	16443
55°	5849
60°	5263
65°	5137
70°	4937
75°	4660
80°	4167
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30546 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.5	11.6
10°-20°	352.6	29.6
20°-30°	369.5	31.0
30°-40°	215.6	18.1
40°-50°	80.7	6.8
50°-60°	19.0	1.6
60°-70°	9.8	0.8
70°-80°	5.8	0.5
80°-90°	1.6	0.1
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°	860.6	72.1
0°-40°	1076.2	90.2
0°-60°	1175.8	98.6
0°-90°	1193.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1193.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1494	
5°	1473	139
15°	1275	353
25°	815	369
35°	337	216
45°	98	81
55°	15	19
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1493.9
2.5°	1489.5
5°	1473.1
7.5°	1446.9
10°	1406.4
12.5°	1349.5
15°	1275.0
17.5°	1180.9
20°	1070.4
22.5°	946.7
25°	815.4
27.5°	680.7
30°	552.7
32.5°	436.7
35°	337.1
37.5°	256.1
40°	189.3
42.5°	135.7
45°	98.5
47.5°	71.1
50°	48.2
52.5°	27.4
55°	15.3
57.5°	13.1
60°	12.0
62.5°	10.9
65°	9.9
67.5°	8.8
70°	7.7
72.5°	6.6
75°	5.5
77.5°	4.4
80°	3.3
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)