

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: P1248441

Luminaire Tested: P3AS05R259027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

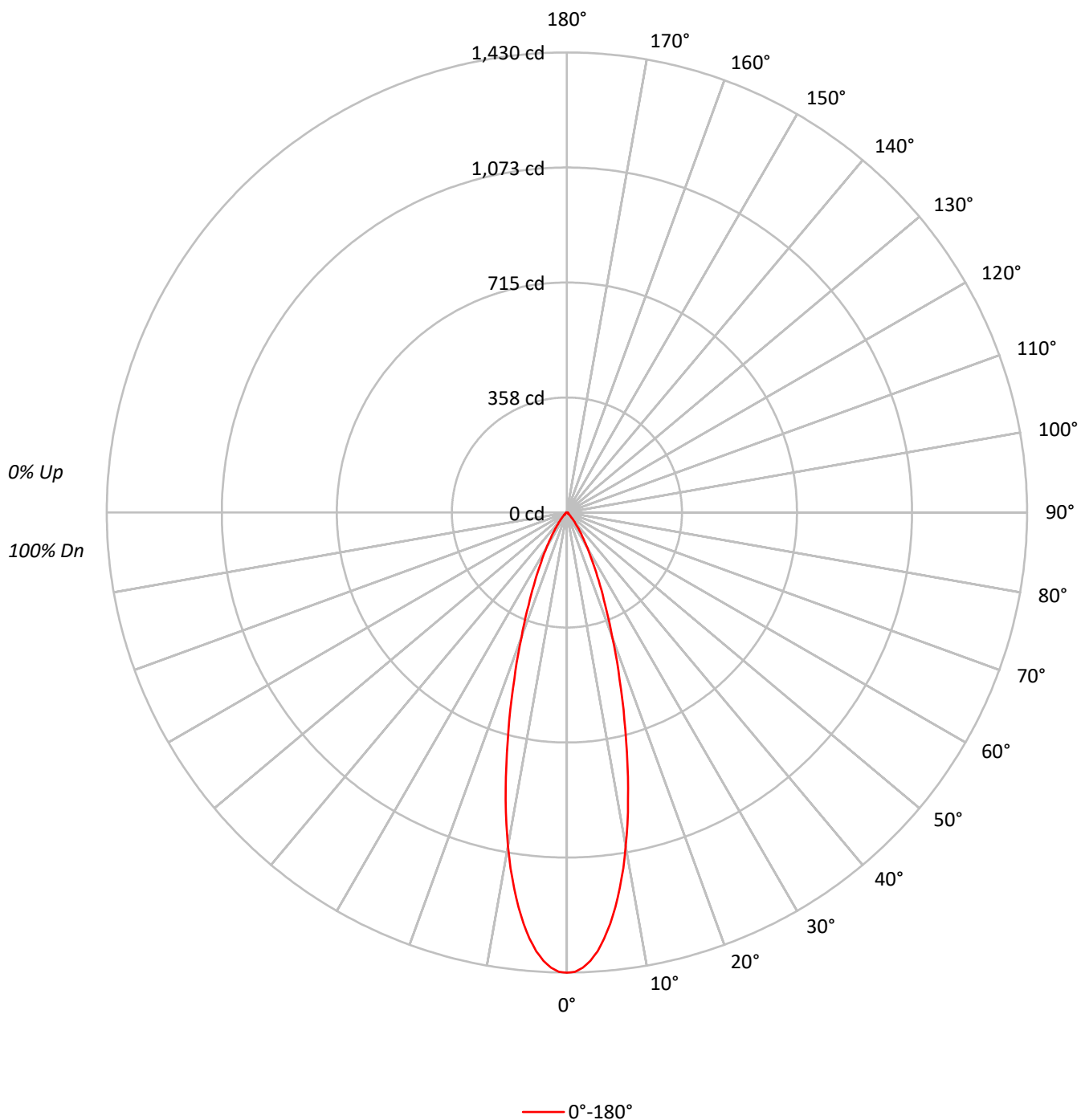
Lumens per Lamp: N/A
Luminaire Lumens: 488.9 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	313681
5°	292647
10°	234442
15°	159138
20°	96282
25°	56302
30°	32056
35°	17641
40°	9360
45°	4931
50°	2866
55°	2141
60°	1842
65°	1920
70°	1795
75°	1610
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4931 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.0	24.1
10°-20°	192.7	39.4
20°-30°	110.1	22.5
30°-40°	43.4	8.9
40°-50°	13.3	2.7
50°-60°	5.2	1.1
60°-70°	3.5	0.7
70°-80°	2.0	0.4
80°-90°	0.6	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°	420.8	86.1
0°-40°	464.3	95.0
0°-60°	482.8	98.7
0°-90°	488.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1430	
5°	1330	118
15°	701	193
25°	233	110
35°	66	43
45°	16	13
55°	6	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1430.5
1°	1427.7
2°	1416.0
3°	1395.4
4°	1366.9
5°	1329.5
6°	1285.6
7°	1236.1
8°	1178.6
9°	1119.7
10°	1052.9
11°	987.0
12°	914.5
13°	843.0
14°	769.7
15°	701.0
17.5°	543.5
20°	412.6
22.5°	309.8
25°	232.7
27.5°	172.4
30°	126.6
32.5°	91.6
35°	65.9
37.5°	46.7
40°	32.7
42.5°	22.4
45°	15.9
47.5°	11.2
50°	8.4
52.5°	6.5
55°	5.6
57.5°	5.1
60°	4.2
62.5°	3.7
65°	3.7
67.5°	3.3
70°	2.8
72.5°	2.3
75°	1.9
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)