

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: P1271381

Luminaire Tested: P3AS05R509827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

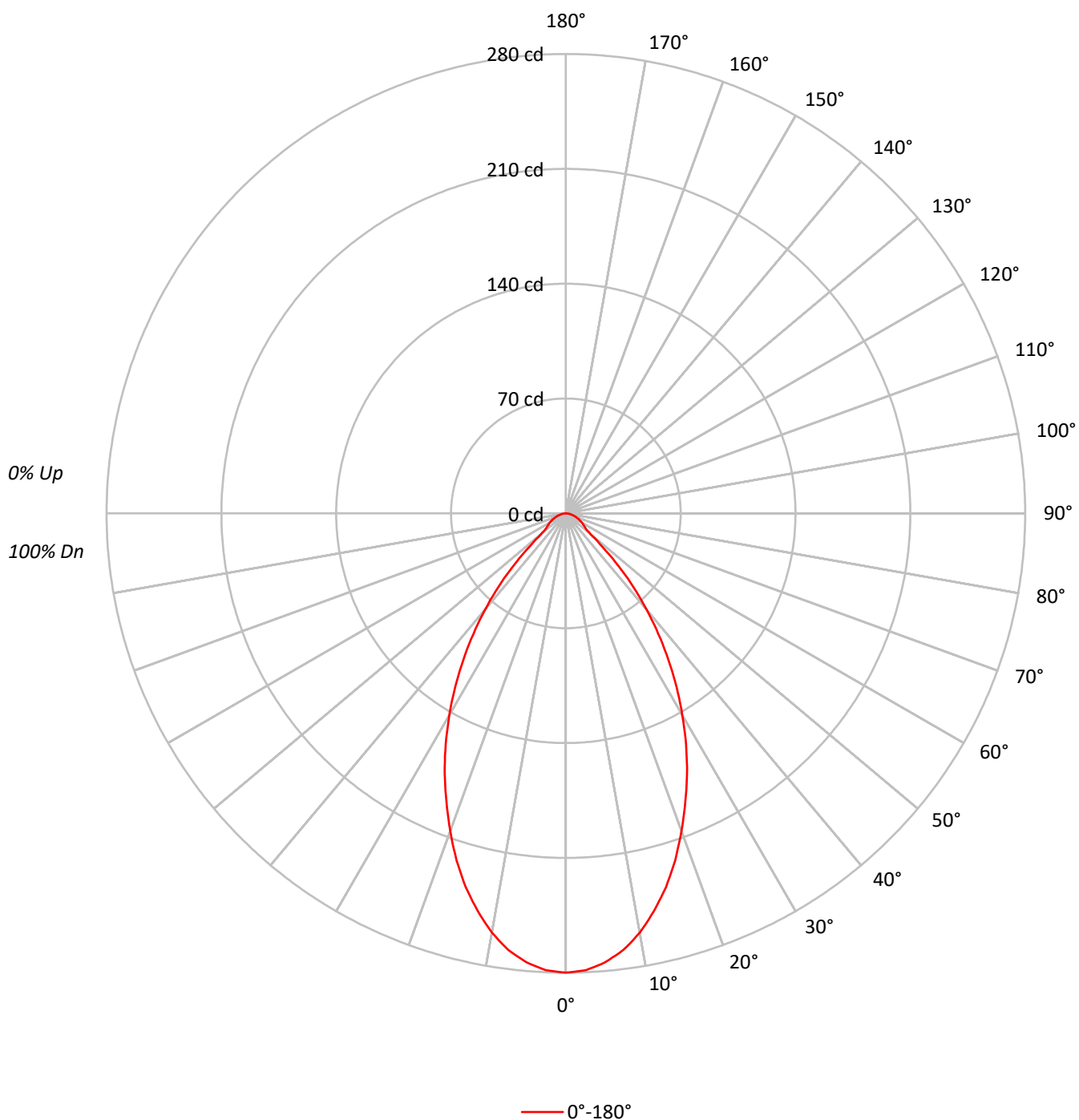
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61377
5°	60466
10°	57781
15°	53530
20°	48094
25°	42293
30°	35955
35°	29152
40°	21898
45°	14110
50°	6686
55°	5276
60°	5000
65°	4670
70°	4167
75°	3813
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14110 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	8.5
10°-20°	65.7	21.8
20°-30°	79.9	26.4
30°-40°	67.7	22.4
40°-50°	35.2	11.6
50°-60°	12.7	4.2
60°-70°	8.8	2.9
70°-80°	4.8	1.6
80°-90°	1.5	0.5
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°	171.4	56.7
0°-40°	239.1	79.2
0°-60°	287.0	95.0
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	280	
5°	275	26
15°	236	66
25°	175	80
35°	109	68
45°	46	35
55°	14	13
65°	9	9
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	279.9
2.5°	278.8
5°	274.7
7.5°	268.5
10°	259.5
12.5°	248.2
15°	235.8
17.5°	221.6
20°	206.1
22.5°	190.3
25°	174.8
27.5°	158.6
30°	142.0
32.5°	125.5
35°	108.9
37.5°	92.7
40°	76.5
42.5°	61.0
45°	45.5
47.5°	30.3
50°	19.6
52.5°	15.2
55°	13.8
57.5°	12.4
60°	11.4
62.5°	10.0
65°	9.0
67.5°	7.6
70°	6.5
72.5°	5.5
75°	4.5
77.5°	3.4
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)