

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: P1248940

Luminaire Tested: P3AS09R459027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

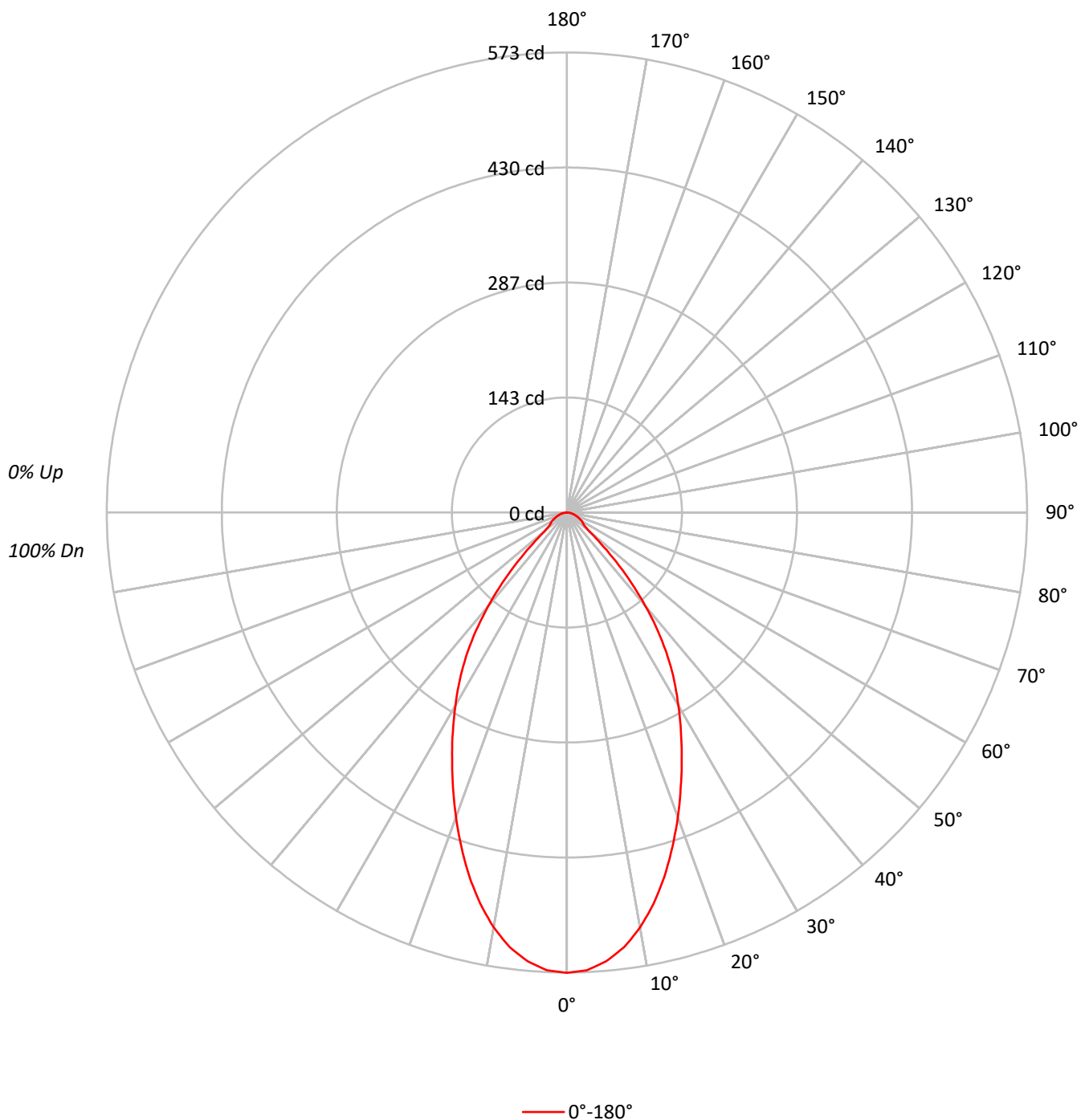
Lumens per Lamp: N/A
Luminaire Lumens: 593.0 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125736
5°	123508
10°	116876
15°	106584
20°	94252
25°	81852
30°	70264
35°	58544
40°	43625
45°	26700
50°	12349
55°	9672
60°	9298
65°	8509
70°	7886
75°	7540
80°	6945
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	8.8
10°-20°	130.7	22.0
20°-30°	155.3	26.2
30°-40°	135.0	22.8
40°-50°	67.7	11.4
50°-60°	23.5	4.0
60°-70°	16.5	2.8
70°-80°	9.2	1.6
80°-90°	2.8	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°	338.4	57.1
0°-40°	473.4	79.8
0°-60°	564.5	95.2
0°-90°	593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	593.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	573	
5°	561	52
15°	470	131
25°	338	155
35°	219	135
45°	86	68
55°	25	23
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	573.4
2.5°	570.6
5°	561.1
7.5°	546.0
10°	524.9
12.5°	498.9
15°	469.5
17.5°	436.7
20°	403.9
22.5°	370.4
25°	338.3
27.5°	307.5
30°	277.5
32.5°	248.8
35°	218.7
37.5°	186.6
40°	152.4
42.5°	118.9
45°	86.1
47.5°	56.7
50°	36.2
52.5°	28.0
55°	25.3
57.5°	23.2
60°	21.2
62.5°	19.1
65°	16.4
67.5°	14.4
70°	12.3
72.5°	10.3
75°	8.9
77.5°	6.8
80°	5.5
82.5°	4.1
85°	2.1
87.5°	1.4
90°	0.0

(END OF REPORT)