

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: P1261431

Luminaire Tested: P3AS02R209727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

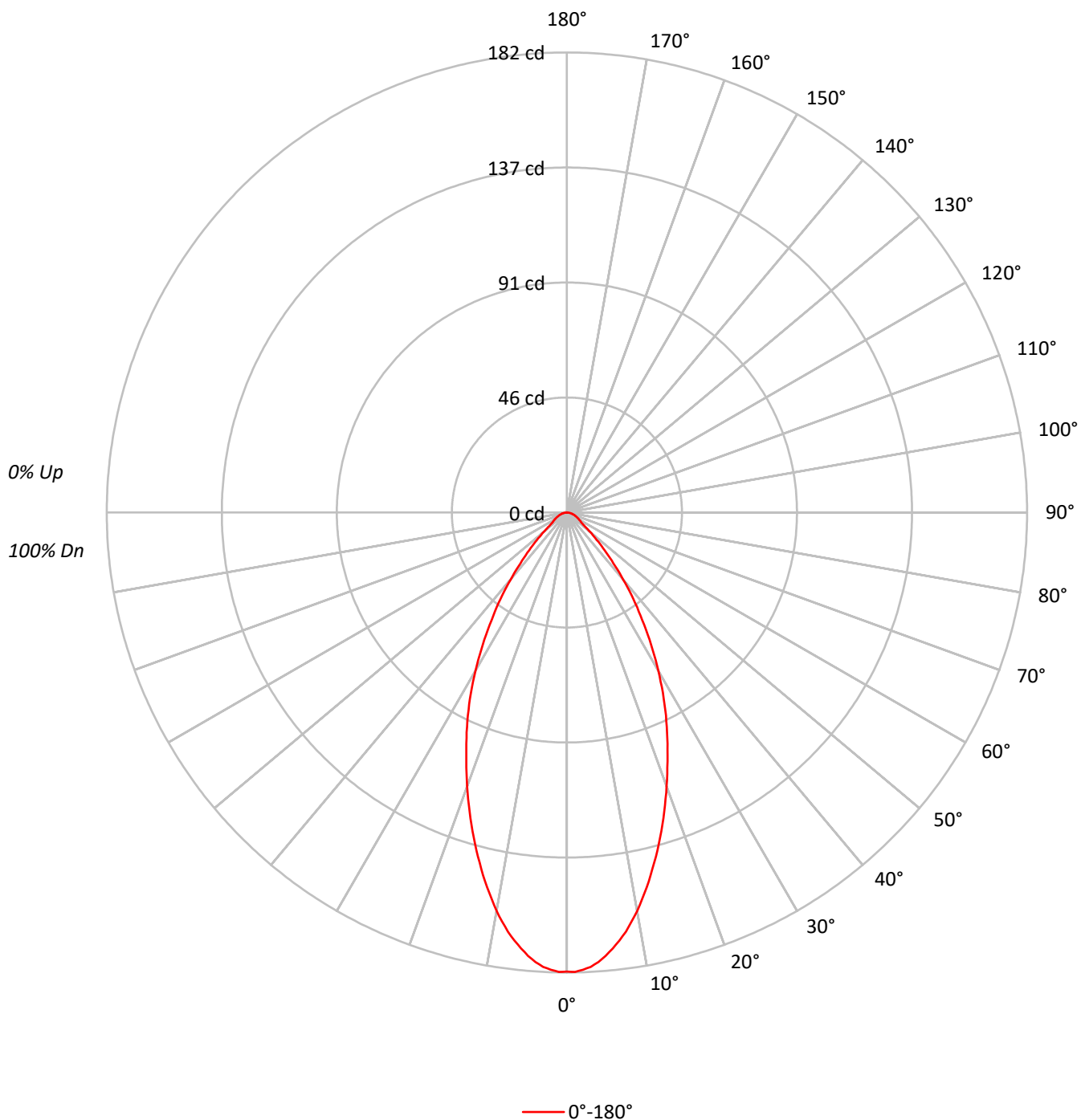
Lumens per Lamp: N/A
Luminaire Lumens: 161.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39821
5°	38763
10°	35648
15°	31396
20°	26906
25°	22622
30°	18281
35°	13893
40°	9904
45°	6543
50°	4060
55°	2676
60°	2412
65°	2231
70°	2116
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6543 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	10.1
10°-20°	38.5	23.9
20°-30°	42.7	26.5
30°-40°	32.6	20.2
40°-50°	16.7	10.4
50°-60°	6.9	4.3
60°-70°	4.3	2.7
70°-80°	2.4	1.5
80°-90°	0.7	0.4
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°	97.5	60.6
0°-40°	130.1	80.8
0°-60°	153.7	95.4
0°-90°	161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	176	16
15°	138	38
25°	94	43
35°	52	33
45°	21	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	181.6
1°	181.8
2°	181.0
3°	180.0
4°	178.3
5°	176.1
6°	173.4
7°	170.6
8°	167.5
9°	163.8
10°	160.1
12.5°	149.5
15°	138.3
17.5°	126.8
20°	115.3
22.5°	103.9
25°	93.5
27.5°	83.0
30°	72.2
32.5°	62.0
35°	51.9
37.5°	43.2
40°	34.6
42.5°	27.2
45°	21.1
47.5°	16.0
50°	11.9
52.5°	8.8
55°	7.0
57.5°	6.3
60°	5.5
62.5°	4.9
65°	4.3
67.5°	3.7
70°	3.3
72.5°	2.7
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)