

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: P1269476

Luminaire Tested: P3A09R409740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269476
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R409740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

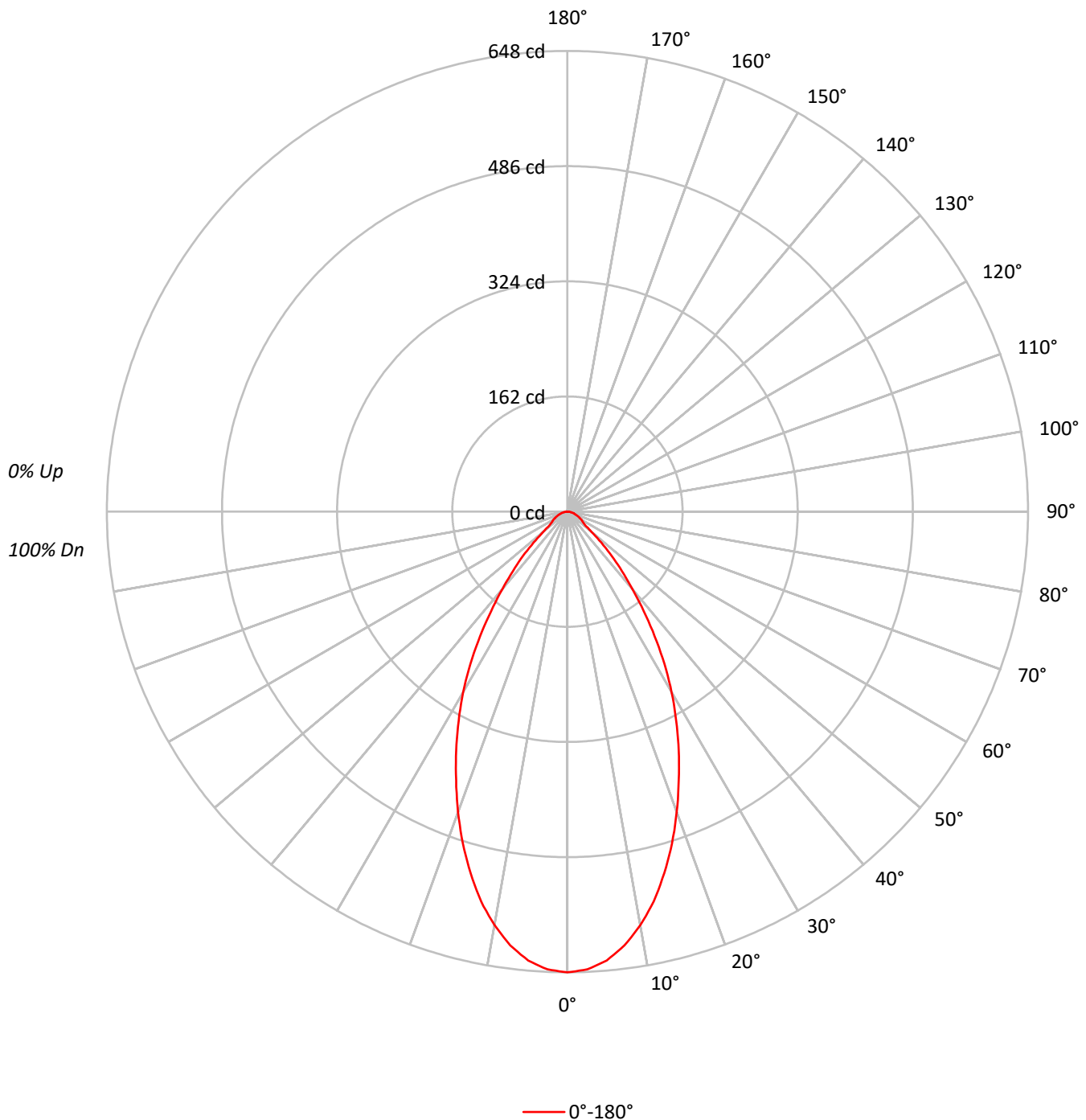
Lumens per Lamp: N/A
Luminaire Lumens: 632.9 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142094
5°	139511
10°	131505
15°	119456
20°	104939
25°	89618
30°	74239
35°	57259
40°	40733
45°	27445
50°	14976
55°	10552
60°	9955
65°	9184
70°	8142
75°	7795
80°	6314
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27445 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	9.3
10°-20°	146.6	23.2
20°-30°	169.4	26.8
30°-40°	133.5	21.1
40°-50°	68.5	10.8
50°-60°	26.2	4.1
60°-70°	17.3	2.7
70°-80°	9.4	1.5
80°-90°	2.8	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°	375.1	59.3
0°-40°	508.7	80.4
0°-60°	603.4	95.3
0°-90°	632.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	648	
5°	634	59
15°	526	147
25°	370	169
35°	214	134
45°	88	69
55°	28	26
65°	18	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	648.0
2.5°	644.5
5°	633.8
7.5°	615.4
10°	590.6
12.5°	561.6
15°	526.2
17.5°	489.4
20°	449.7
22.5°	409.3
25°	370.4
27.5°	331.4
30°	293.2
32.5°	254.2
35°	213.9
37.5°	176.3
40°	142.3
42.5°	113.3
45°	88.5
47.5°	64.4
50°	43.9
52.5°	31.9
55°	27.6
57.5°	24.8
60°	22.7
62.5°	19.8
65°	17.7
67.5°	14.9
70°	12.7
72.5°	10.6
75°	9.2
77.5°	7.1
80°	5.0
82.5°	4.2
85°	2.1
87.5°	1.4
90°	0.0

(END OF REPORT)