

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: P1269320

Luminaire Tested: P3A09R159740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269320
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

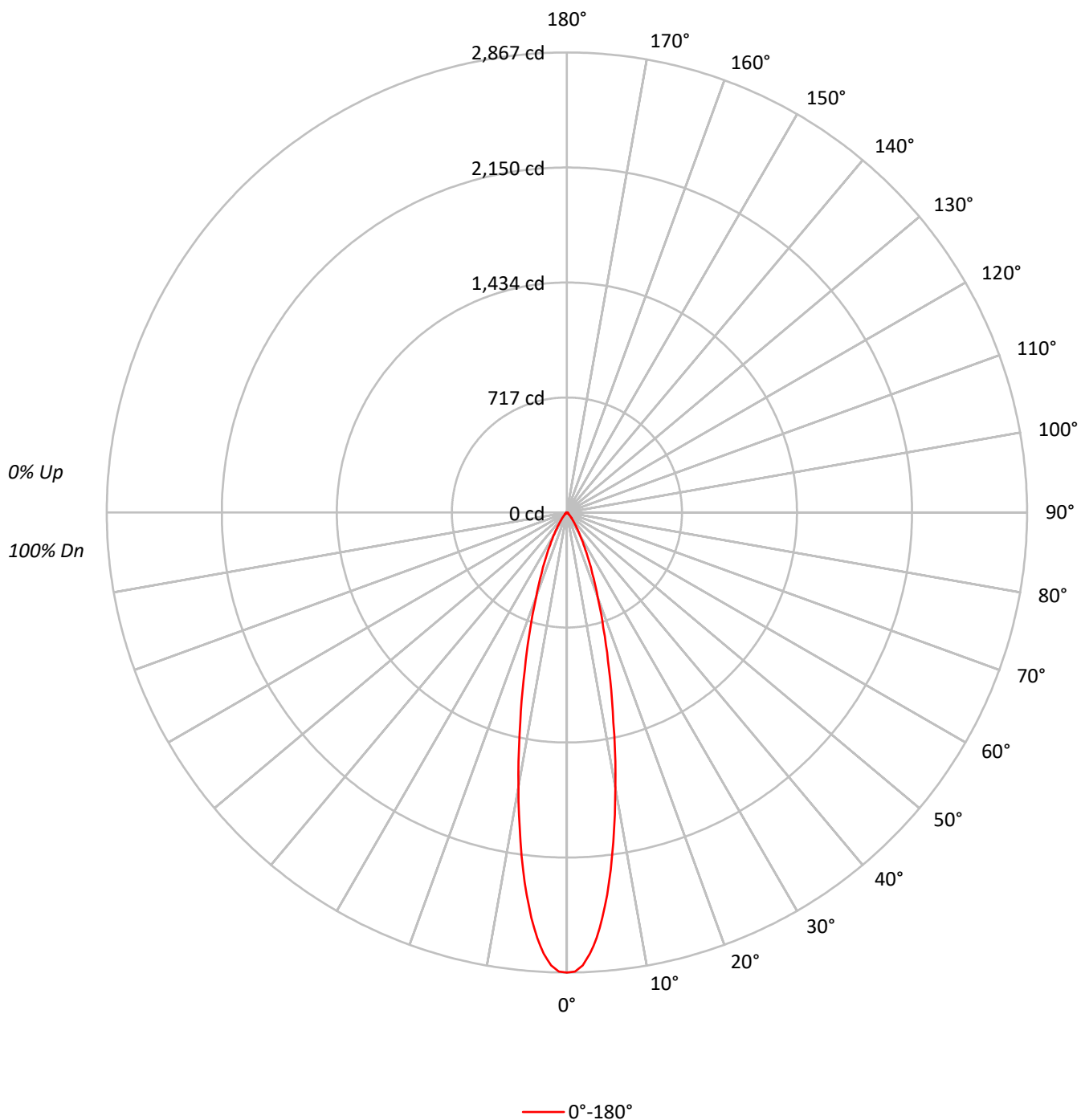
Lumens per Lamp: N/A
Luminaire Lumens: 736.0 lumens
Efficiency: N/A
Efficacy: 66.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	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
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	628743
5°	558110
10°	387568
15°	229195
20°	130538
25°	74617
30°	41297
35°	22004
40°	12166
45°	6605
50°	4128
55°	3250
60°	2807
65°	2594
70°	2244
75°	2372
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.6	29.3
10°-20°	284.5	38.7
20°-30°	146.5	19.9
30°-40°	55.0	7.5
40°-50°	18.0	2.4
50°-60°	7.7	1.1
60°-70°	4.9	0.7
70°-80°	2.9	0.4
80°-90°	0.8	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°	646.7	87.9
0°-40°	701.7	95.3
0°-60°	727.4	98.8
0°-90°	736.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	736.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2867	
5°	2536	216
15°	1010	285
25°	308	147
35°	82	55
45°	21	18
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2867.3
1°	2861.6
2°	2824.0
3°	2752.4
4°	2658.1
5°	2535.5
6°	2396.5
7°	2244.0
8°	2074.6
9°	1907.3
10°	1740.6
12.5°	1339.3
15°	1009.6
17.5°	755.8
20°	559.4
22.5°	417.6
25°	308.4
27.5°	224.8
30°	163.1
32.5°	115.6
35°	82.2
37.5°	58.8
40°	42.5
42.5°	30.5
45°	21.3
47.5°	15.6
50°	12.1
52.5°	9.9
55°	8.5
57.5°	7.1
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.5
72.5°	3.5
75°	2.8
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)