

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: P1267116

Luminaire Tested: P3A09R459735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267116
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R459735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

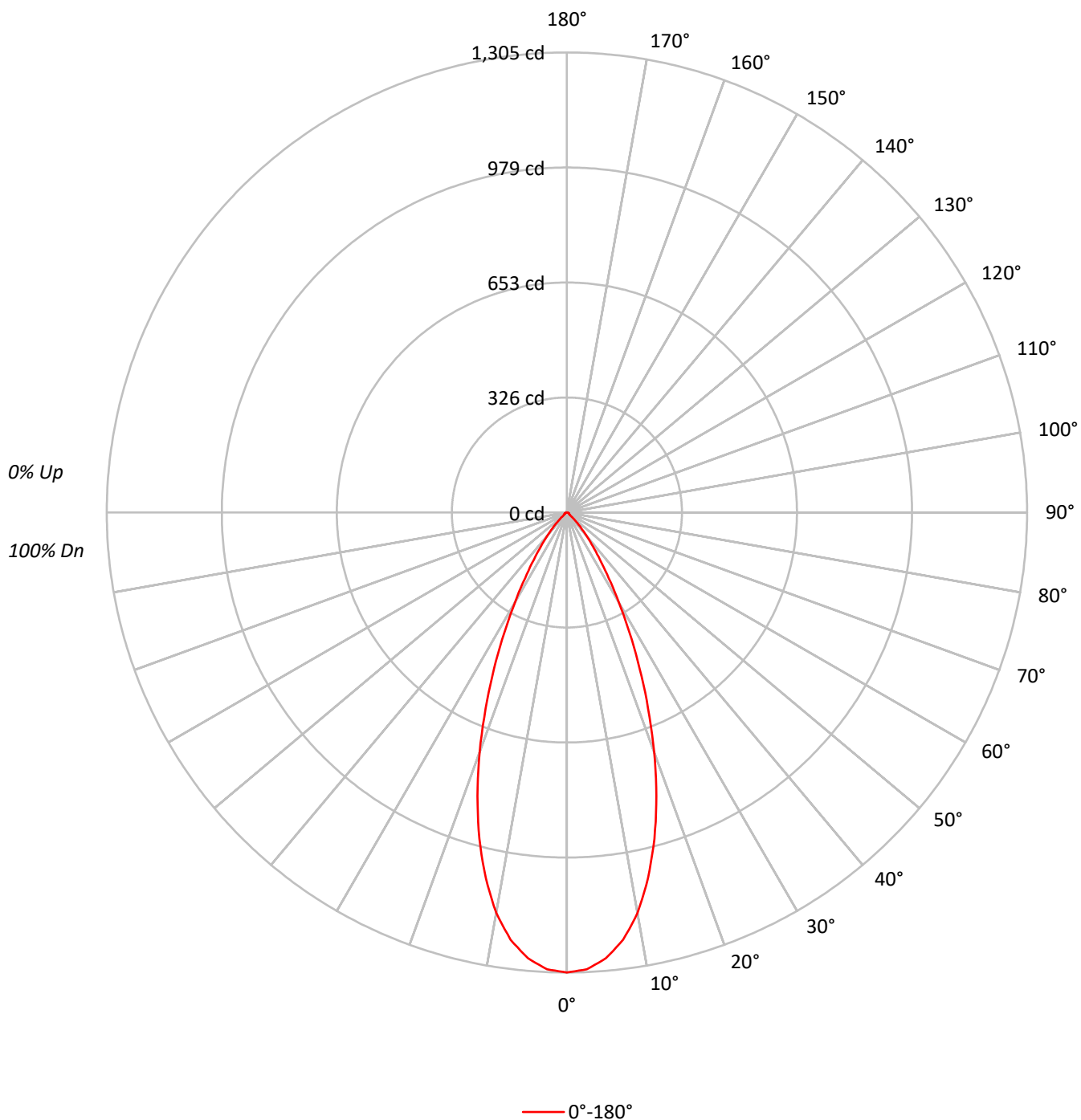
Lumens per Lamp: N/A
Luminaire Lumens: 762.0 lumens
Efficiency: N/A
Efficacy: 68.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	286161
5°	279440
10°	256887
15°	217663
20°	168878
25°	118047
30°	74366
35°	43768
40°	24761
45°	12032
50°	4196
55°	3403
60°	3289
65°	3165
70°	3077
75°	2881
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.5	15.4
10°-20°	263.3	34.6
20°-30°	223.6	29.3
30°-40°	106.6	14.0
40°-50°	32.1	4.2
50°-60°	8.2	1.1
60°-70°	6.1	0.8
70°-80°	3.6	0.5
80°-90°	1.0	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°	604.4	79.3
0°-40°	711.0	93.3
0°-60°	751.3	98.6
0°-90°	762.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	762.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1305	
5°	1270	118
15°	959	263
25°	488	224
35°	164	107
45°	39	32
55°	9	8
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1305.0
2.5°	1296.8
5°	1269.5
7.5°	1222.5
10°	1153.7
12.5°	1062.4
15°	958.8
17.5°	843.6
20°	723.7
22.5°	601.7
25°	487.9
27.5°	384.3
30°	293.7
32.5°	220.8
35°	163.5
37.5°	120.6
40°	86.5
42.5°	60.0
45°	38.8
47.5°	21.8
50°	12.3
52.5°	9.5
55°	8.9
57.5°	8.2
60°	7.5
62.5°	6.8
65°	6.1
67.5°	5.5
70°	4.8
72.5°	4.1
75°	3.4
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)