

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: P1246802

Luminaire Tested: P3A13R159024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246802
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: P3A13R159024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

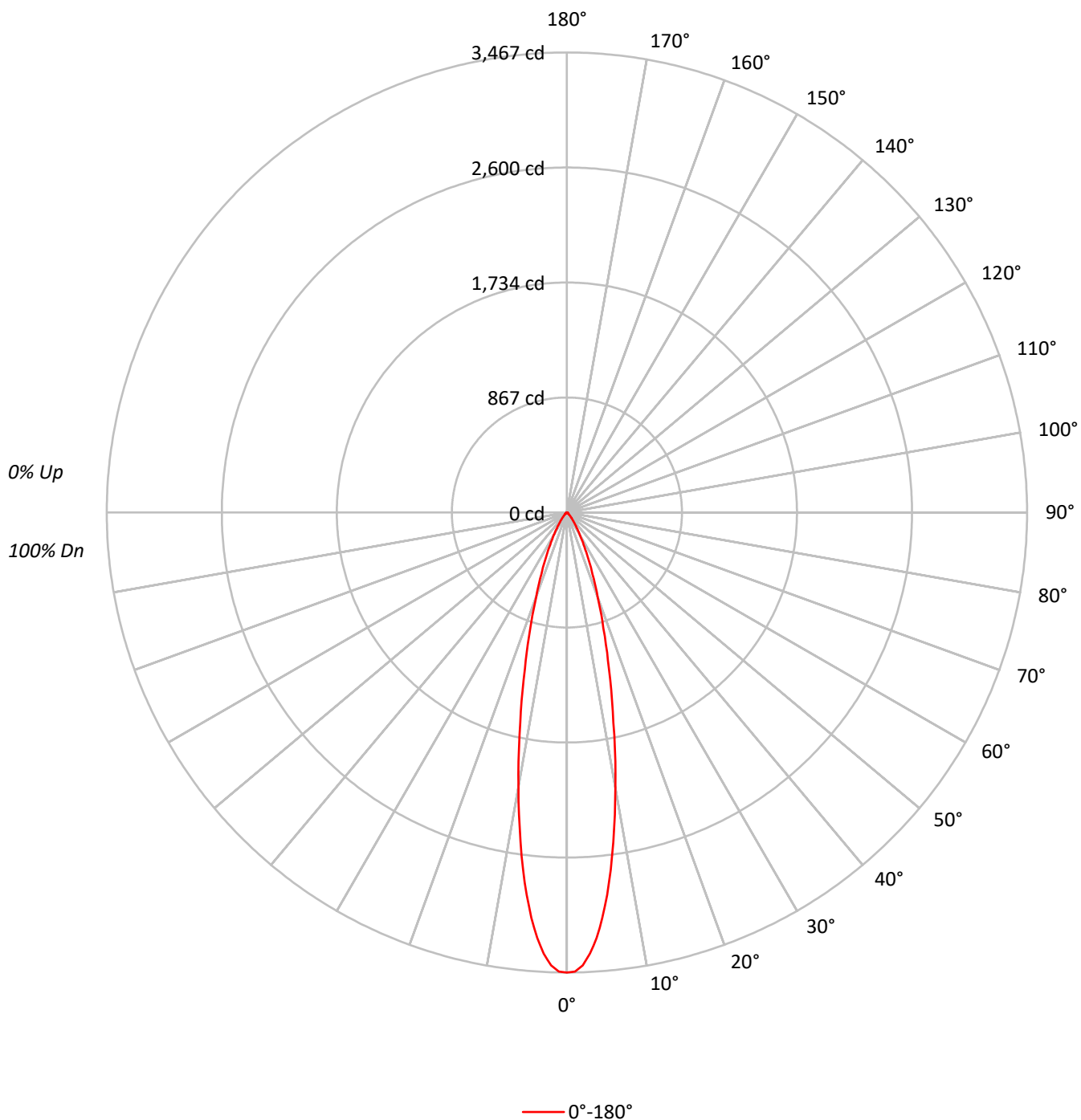
Lumens per Lamp: N/A
Luminaire Lumens: 890.1 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	90	88
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	86	84
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	82	80
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	79	77
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	76	74
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	73	72
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	71	69
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	68	67
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	66	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	760290
5°	674883
10°	468684
15°	277164
20°	157864
25°	90247
30°	49932
35°	26635
40°	14713
45°	7970
50°	4981
55°	3938
60°	3377
65°	3113
70°	2757
75°	2881
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.7	29.3
10°-20°	344.1	38.7
20°-30°	177.2	19.9
30°-40°	66.5	7.5
40°-50°	21.8	2.4
50°-60°	9.4	1.1
60°-70°	5.9	0.7
70°-80°	3.5	0.4
80°-90°	0.9	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°	782.0	87.9
0°-40°	848.5	95.3
0°-60°	879.7	98.8
0°-90°	890.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	890.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3467	
5°	3066	261
15°	1221	344
25°	373	177
35°	100	67
45°	26	22
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3467.2
1°	3460.4
2°	3414.9
3°	3328.3
4°	3214.3
5°	3066.0
6°	2897.9
7°	2713.6
8°	2508.7
9°	2306.3
10°	2104.9
12.5°	1619.6
15°	1220.9
17.5°	914.0
20°	676.5
22.5°	505.0
25°	373.0
27.5°	271.8
30°	197.2
32.5°	139.8
35°	99.5
37.5°	71.2
40°	51.4
42.5°	36.9
45°	25.7
47.5°	18.9
50°	14.6
52.5°	12.0
55°	10.3
57.5°	8.6
60°	7.7
62.5°	6.9
65°	6.0
67.5°	5.1
70°	4.3
72.5°	4.3
75°	3.4
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)