

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: P1247298

Luminaire Tested: P3A17R359024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247298
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

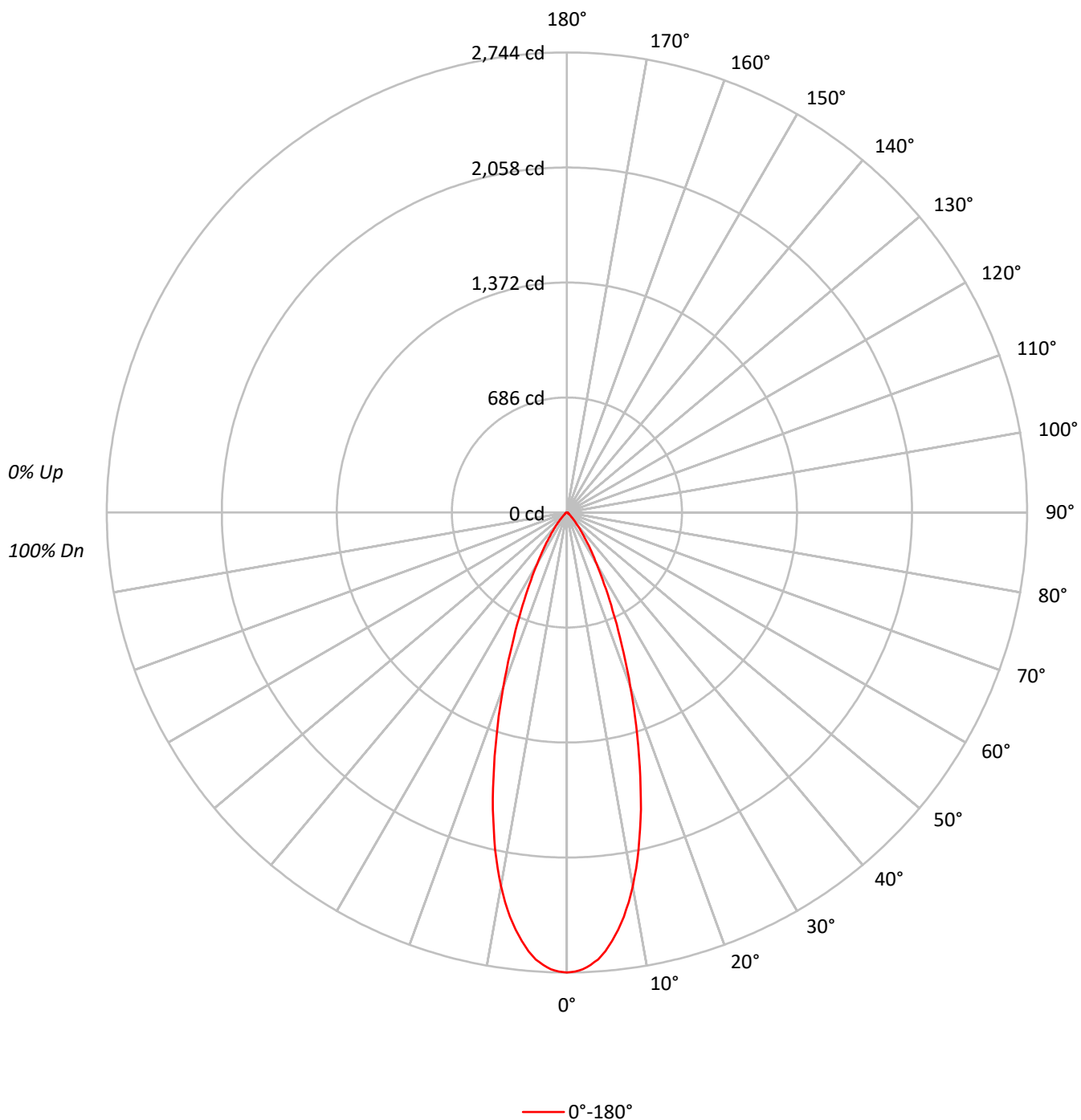
Lumens per Lamp: N/A
Luminaire Lumens: 1193.0 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	601706
5°	578273
10°	503843
15°	385905
20°	258182
25°	156227
30°	89659
35°	50112
40°	26650
45°	13738
50°	6584
55°	5199
60°	4956
65°	4099
70°	4360
75°	3813
80°	4293
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13738 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.0	20.0
10°-20°	463.2	38.8
20°-30°	303.3	25.4
30°-40°	123.0	10.3
40°-50°	36.9	3.1
50°-60°	12.5	1.1
60°-70°	8.4	0.7
70°-80°	4.9	0.4
80°-90°	1.7	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°	1005.5	84.3
0°-40°	1128.5	94.6
0°-60°	1178.0	98.7
0°-90°	1193.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1193.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2744	
5°	2627	239
15°	1700	463
25°	646	303
35°	187	123
45°	44	37
55°	14	13
65°	8	8
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2744.0
1°	2739.4
2°	2726.9
3°	2702.0
4°	2672.5
5°	2627.1
6°	2570.3
7°	2506.8
8°	2435.3
9°	2353.6
10°	2262.8
11°	2161.8
12°	2056.3
13°	1938.2
14°	1825.9
15°	1699.9
17.5°	1394.7
20°	1106.4
22.5°	851.1
25°	645.7
27.5°	481.2
30°	354.1
32.5°	259.9
35°	187.2
37.5°	132.8
40°	93.1
42.5°	64.7
45°	44.3
47.5°	29.5
50°	19.3
52.5°	14.8
55°	13.6
57.5°	12.5
60°	11.3
62.5°	10.2
65°	7.9
67.5°	6.8
70°	6.8
72.5°	5.7
75°	4.5
77.5°	3.4
80°	3.4
82.5°	2.3
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)