

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: P1271979

Luminaire Tested: P3AS13R359827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271979
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: P3AS13R359827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

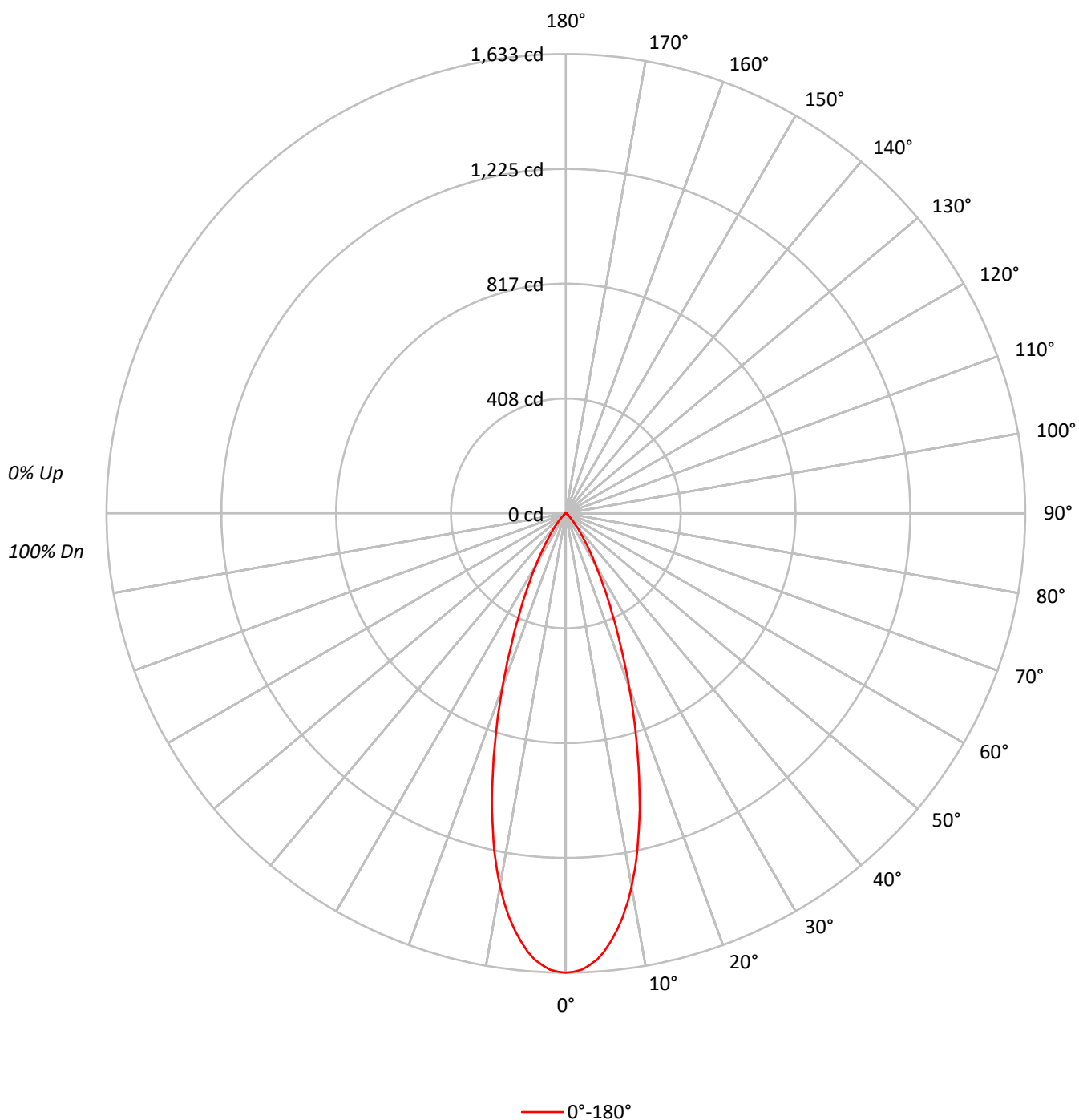
Lumens per Lamp: N/A
Luminaire Lumens: 710.1 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	358085
5°	344155
10°	299861
15°	229672
20°	153663
25°	92981
30°	53350
35°	29821
40°	15858
45°	8156
50°	3923
55°	3097
60°	2982
65°	2439
70°	2629
75°	2288
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8156 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.3	20.0
10°-20°	275.7	38.8
20°-30°	180.5	25.4
30°-40°	73.2	10.3
40°-50°	22.0	3.1
50°-60°	7.5	1.1
60°-70°	5.0	0.7
70°-80°	2.9	0.4
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°	598.4	84.3
0°-40°	671.6	94.6
0°-60°	701.1	98.7
0°-90°	710.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	710.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1633	
5°	1564	142
15°	1012	276
25°	384	180
35°	111	73
45°	26	22
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1633.0
1°	1630.3
2°	1622.9
3°	1608.0
4°	1590.5
5°	1563.5
6°	1529.7
7°	1491.9
8°	1449.3
9°	1400.7
10°	1346.7
11°	1286.6
12°	1223.8
13°	1153.5
14°	1086.7
15°	1011.7
17.5°	830.0
20°	658.5
22.5°	506.5
25°	384.3
27.5°	286.4
30°	210.7
32.5°	154.7
35°	111.4
37.5°	79.0
40°	55.4
42.5°	38.5
45°	26.3
47.5°	17.6
50°	11.5
52.5°	8.8
55°	8.1
57.5°	7.4
60°	6.8
62.5°	6.1
65°	4.7
67.5°	4.1
70°	4.1
72.5°	3.4
75°	2.7
77.5°	2.0
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)