

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: P1246808

Luminaire Tested: P3A13R159024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246808
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

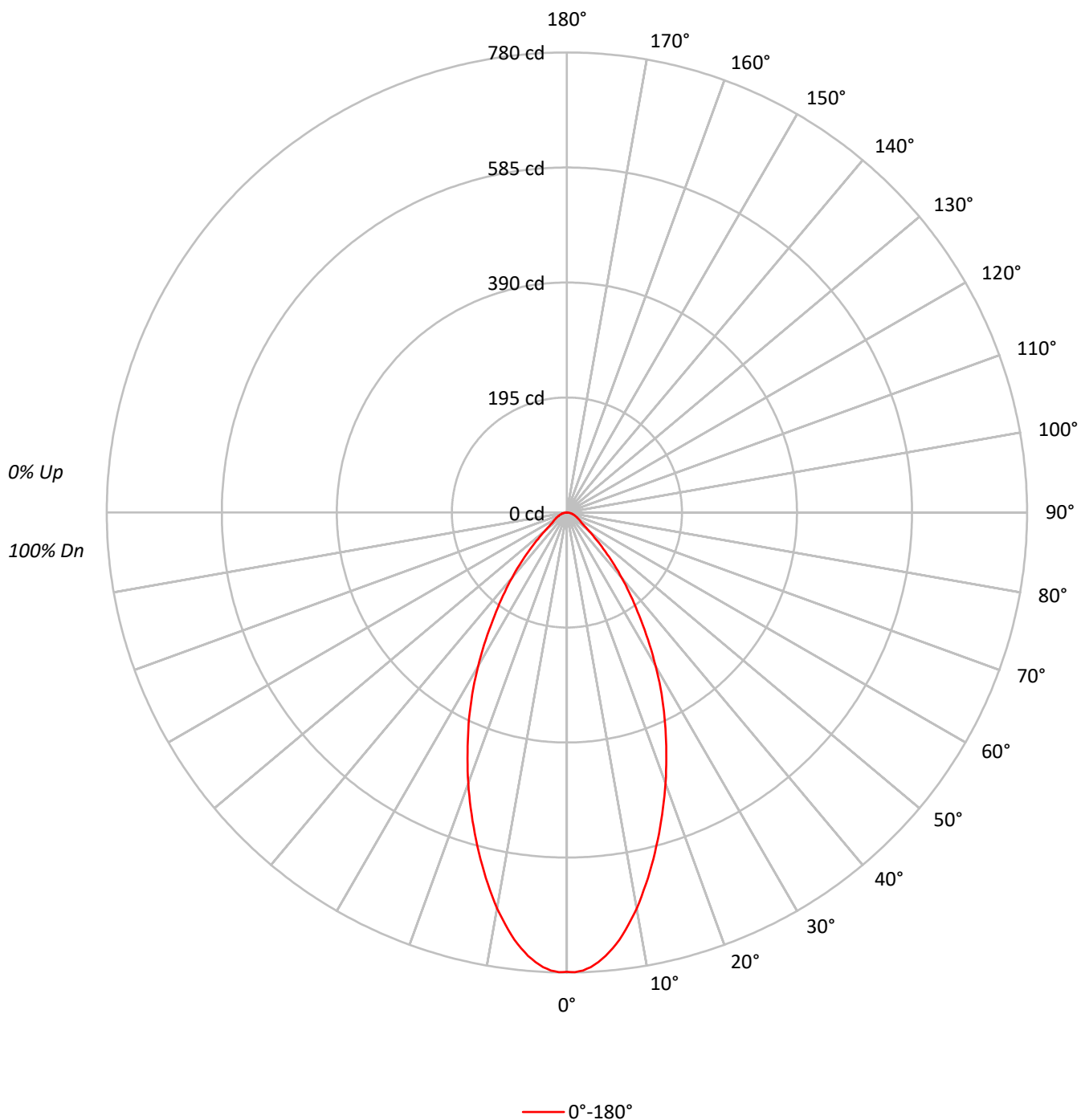
Lumens per Lamp: N/A
Luminaire Lumens: 677.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	170754
5°	166123
10°	151812
15°	132986
20°	114087
25°	95256
30°	76214
35°	57179
40°	41478
45°	27135
50°	16955
55°	11469
60°	10175
65°	9340
70°	8784
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27135 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	10.3
10°-20°	163.2	24.1
20°-30°	179.8	26.6
30°-40°	134.7	19.9
40°-50°	69.8	10.3
50°-60°	28.9	4.3
60°-70°	17.9	2.6
70°-80°	10.0	1.5
80°-90°	2.9	0.4
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°	412.7	61.0
0°-40°	547.4	80.9
0°-60°	646.1	95.4
0°-90°	677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	677.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	779	
5°	755	70
15°	586	163
25°	394	180
35°	214	135
45°	88	70
55°	30	29
65°	18	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	778.7
1°	779.6
2°	777.0
3°	771.9
4°	764.2
5°	754.7
6°	742.7
7°	729.9
8°	714.4
9°	698.1
10°	681.8
12.5°	634.7
15°	585.8
17.5°	536.9
20°	488.9
22.5°	440.0
25°	393.7
27.5°	347.3
30°	301.0
32.5°	255.6
35°	213.6
37.5°	177.5
40°	144.9
42.5°	114.9
45°	87.5
47.5°	66.0
50°	49.7
52.5°	36.9
55°	30.0
57.5°	26.6
60°	23.2
62.5°	20.6
65°	18.0
67.5°	15.4
70°	13.7
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)