

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: P1246866

Luminaire Tested: P3A13R259024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

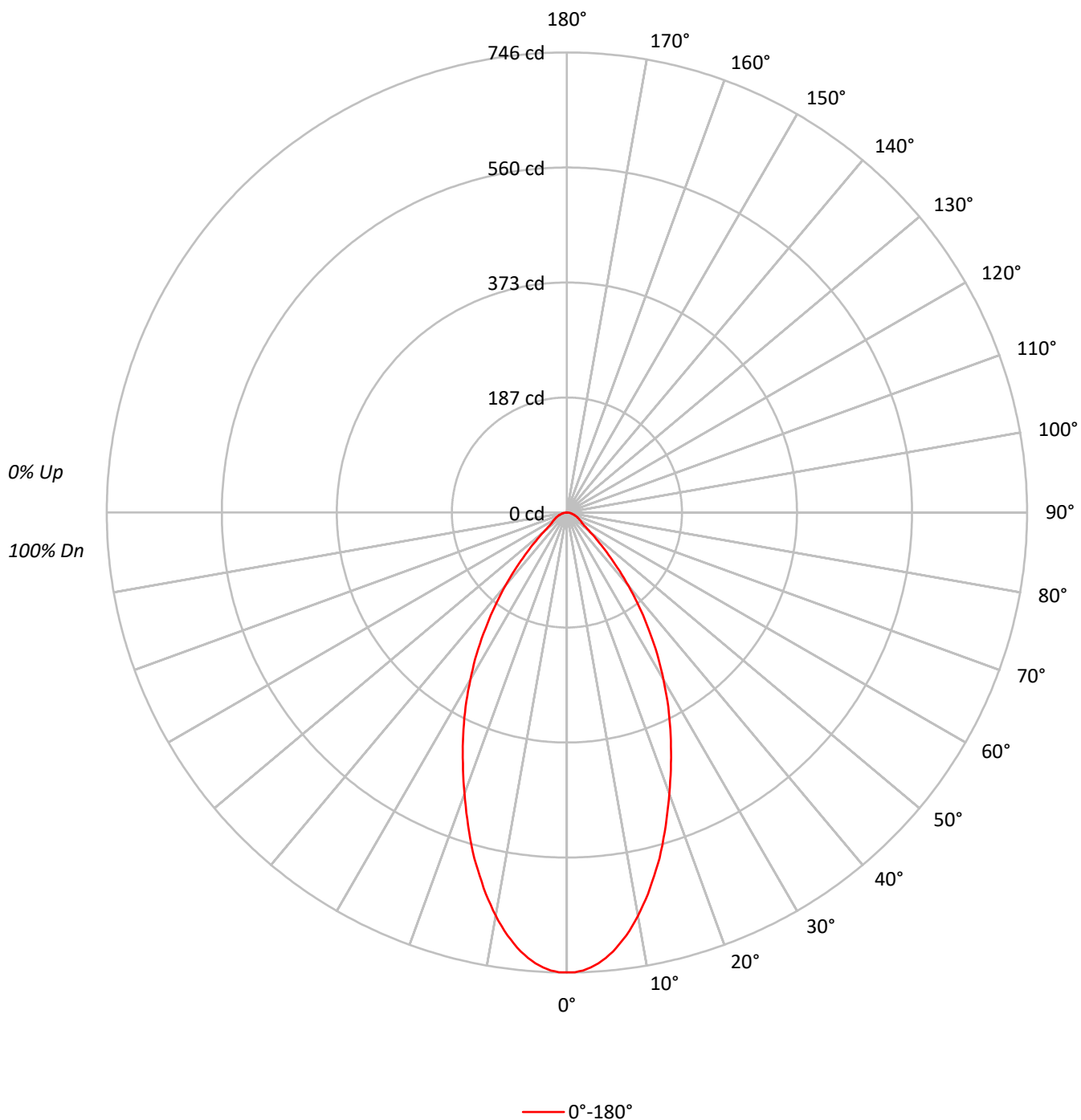
Lumens per Lamp: N/A
Luminaire Lumens: 688.1 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	163518
5°	159608
10°	147915
15°	131737
20°	113200
25°	96223
30°	79202
35°	61730
40°	44397
45°	28189
50°	16682
55°	11469
60°	10525
65°	9806
70°	8784
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28189 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	9.8
10°-20°	161.1	23.4
20°-30°	182.0	26.5
30°-40°	144.0	20.9
40°-50°	72.7	10.6
50°-60°	29.1	4.2
60°-70°	18.7	2.7
70°-80°	10.3	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°	410.3	59.6
0°-40°	554.3	80.6
0°-60°	656.2	95.4
0°-90°	688.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	688.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	746	
5°	725	67
15°	580	161
25°	398	182
35°	231	144
45°	91	73
55°	30	29
65°	19	19
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	745.7
1°	745.7
2°	743.1
3°	738.8
4°	732.8
5°	725.1
6°	715.7
7°	704.5
8°	692.5
9°	678.8
10°	664.3
11°	648.0
12°	632.5
13°	614.5
14°	597.4
15°	580.3
17.5°	532.3
20°	485.1
22.5°	440.6
25°	397.7
27.5°	355.7
30°	312.8
32.5°	272.6
35°	230.6
37.5°	192.0
40°	155.1
42.5°	120.9
45°	90.9
47.5°	67.7
50°	48.9
52.5°	36.9
55°	30.0
57.5°	27.4
60°	24.0
62.5°	21.4
65°	18.9
67.5°	16.3
70°	13.7
72.5°	12.0
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)