

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: P1267416

Luminaire Tested: P3A13R259735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267416
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: P3A13R259735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

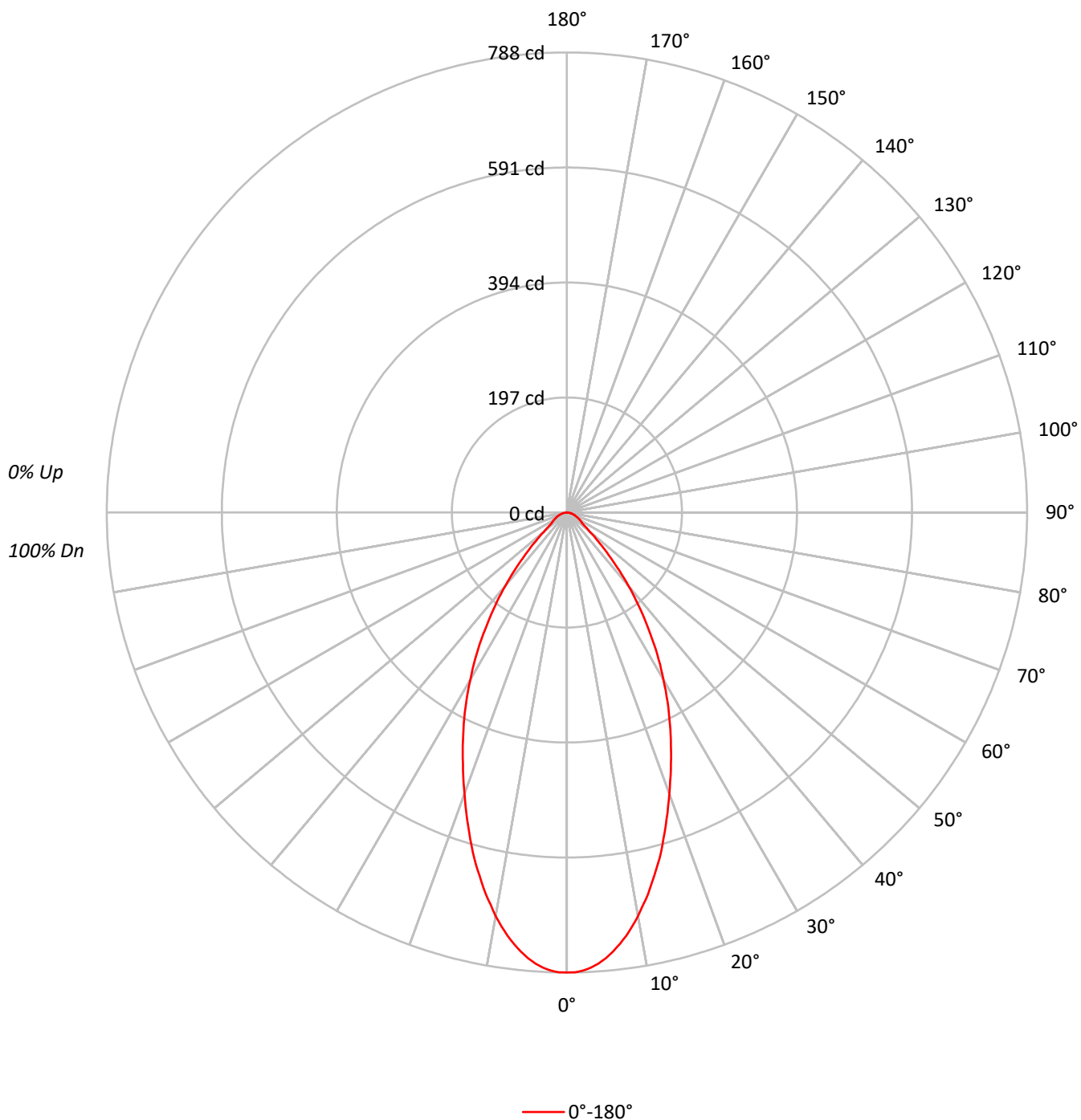
Lumens per Lamp: N/A
Luminaire Lumens: 727.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	172771
5°	168655
10°	156287
15°	139206
20°	119617
25°	101667
30°	83709
35°	65210
40°	46916
45°	29771
50°	17603
55°	12119
60°	11139
65°	10325
70°	9296
75°	8472
80°	7956
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29771 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.1	9.8
10°-20°	170.2	23.4
20°-30°	192.3	26.5
30°-40°	152.1	20.9
40°-50°	76.8	10.6
50°-60°	30.8	4.2
60°-70°	19.7	2.7
70°-80°	10.9	1.5
80°-90°	3.1	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°	433.6	59.6
0°-40°	585.7	80.6
0°-60°	693.3	95.4
0°-90°	727.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	727.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	788	
5°	766	71
15°	613	170
25°	420	192
35°	244	152
45°	96	77
55°	32	31
65°	20	20
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	787.9
1°	787.9
2°	785.2
3°	780.7
4°	774.4
5°	766.2
6°	756.3
7°	744.5
8°	731.8
9°	717.3
10°	701.9
11°	684.7
12°	668.4
13°	649.4
14°	631.3
15°	613.2
17.5°	562.4
20°	512.6
22.5°	465.5
25°	420.2
27.5°	375.9
30°	330.6
32.5°	288.0
35°	243.6
37.5°	202.9
40°	163.9
42.5°	127.7
45°	96.0
47.5°	71.5
50°	51.6
52.5°	38.9
55°	31.7
57.5°	29.0
60°	25.4
62.5°	22.6
65°	19.9
67.5°	17.2
70°	14.5
72.5°	12.7
75°	10.0
77.5°	8.2
80°	6.3
82.5°	4.5
85°	2.7
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)