

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: P1265097

Luminaire Tested: P3A13R359730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265097
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

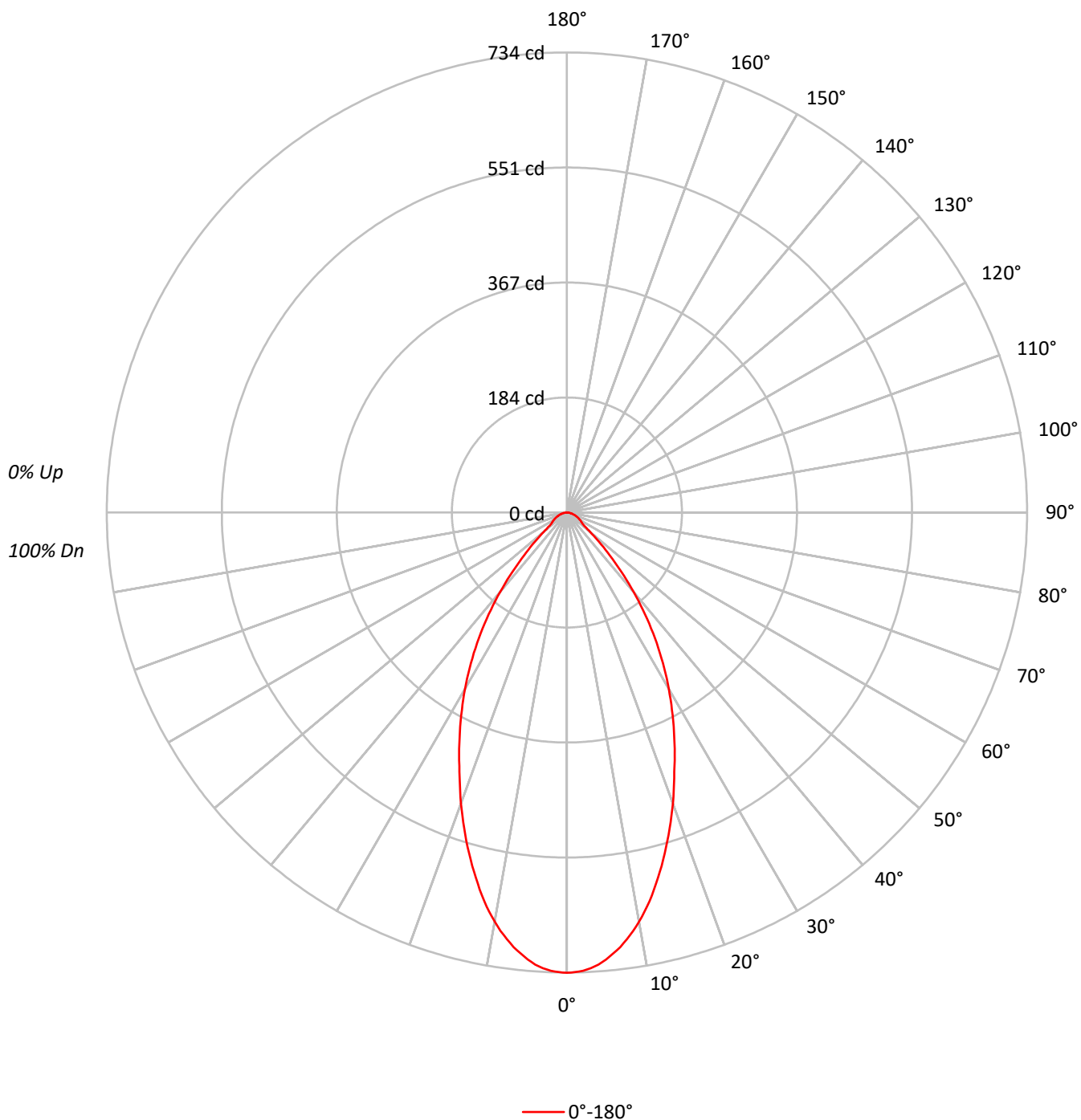
Lumens per Lamp: N/A
Luminaire Lumens: 705.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161040
5°	157627
10°	147626
15°	132509
20°	115277
25°	98231
30°	82291
35°	65531
40°	47374
45°	29988
50°	16341
55°	11316
60°	10701
65°	9962
70°	9489
75°	8133
80°	7703
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29988 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.6	9.5
10°-20°	162.4	23.0
20°-30°	186.2	26.4
30°-40°	151.9	21.5
40°-50°	76.6	10.9
50°-60°	28.4	4.0
60°-70°	19.1	2.7
70°-80°	10.6	1.5
80°-90°	3.2	0.5
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°	415.2	58.9
0°-40°	567.1	80.4
0°-60°	672.1	95.3
0°-90°	705.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	705.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	734	
5°	716	67
15°	584	162
25°	406	186
35°	245	152
45°	97	77
55°	30	28
65°	19	19
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	734.4
1°	733.5
2°	731.8
3°	728.3
4°	723.1
5°	716.1
6°	707.4
7°	698.7
8°	687.4
9°	676.0
10°	663.0
11°	649.0
12°	634.2
13°	617.7
14°	600.3
15°	583.7
17.5°	539.3
20°	494.0
22.5°	447.8
25°	406.0
27.5°	365.0
30°	325.0
32.5°	284.9
35°	244.8
37.5°	204.7
40°	165.5
42.5°	128.9
45°	96.7
47.5°	69.7
50°	47.9
52.5°	34.8
55°	29.6
57.5°	27.0
60°	24.4
62.5°	21.8
65°	19.2
67.5°	16.6
70°	14.8
72.5°	12.2
75°	9.6
77.5°	7.8
80°	6.1
82.5°	4.4
85°	2.6
87.5°	1.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)