

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: P1262718

Luminaire Tested: P3A13R359727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262718
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: P3A13R359727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

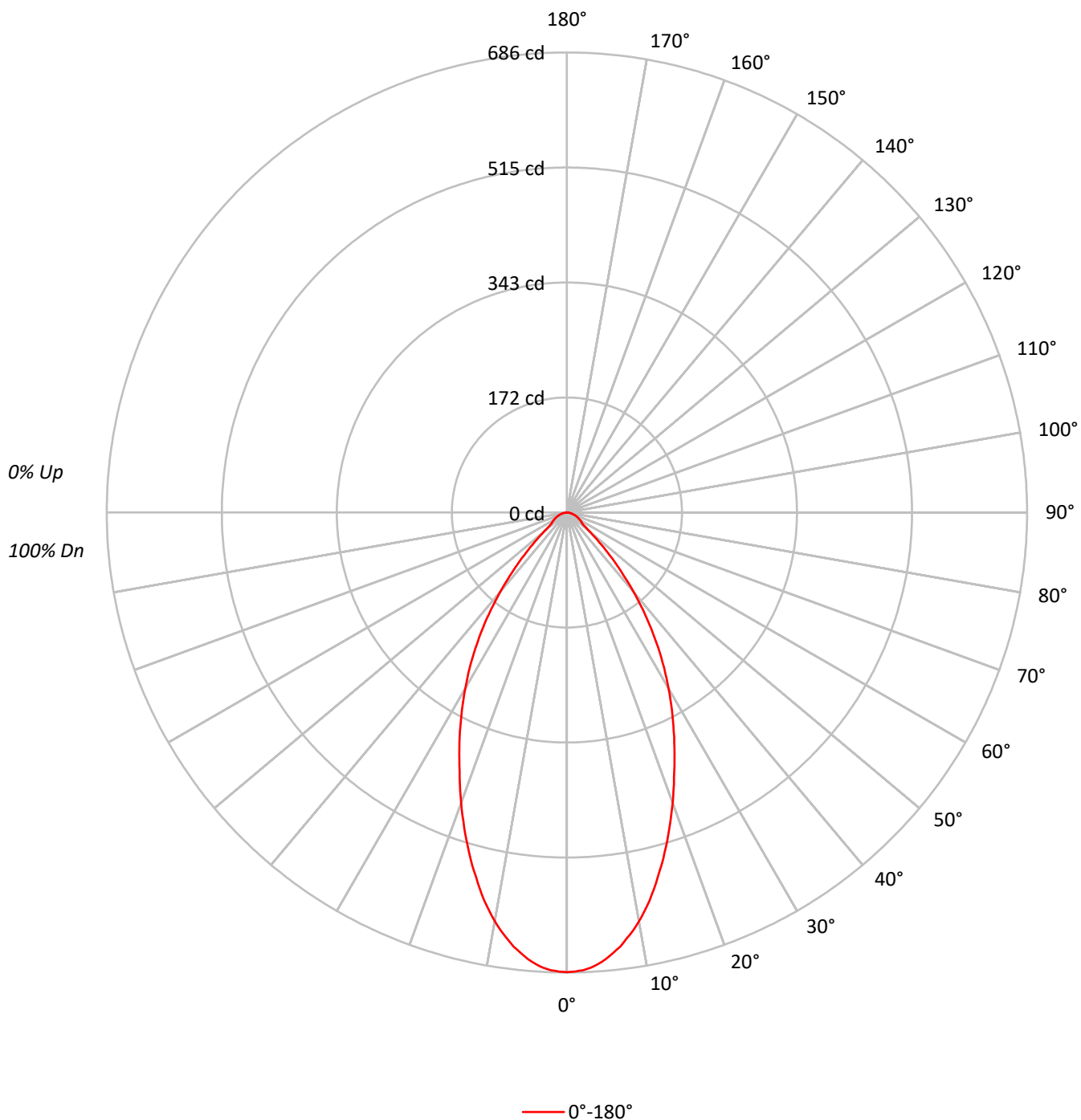
Lumens per Lamp: N/A
Luminaire Lumens: 657.9 lumens
Efficiency: N/A
Efficacy: 45.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	150317
5°	147127
10°	137784
15°	123678
20°	107576
25°	91675
30°	76797
35°	61168
40°	44226
45°	28003
50°	15249
55°	10552
60°	9999
65°	9288
70°	8848
75°	7540
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28003 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.2	9.5
10°-20°	151.6	23.0
20°-30°	173.7	26.4
30°-40°	141.8	21.5
40°-50°	71.5	10.9
50°-60°	26.5	4.0
60°-70°	17.8	2.7
70°-80°	9.8	1.5
80°-90°	3.0	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°	387.5	58.9
0°-40°	529.3	80.5
0°-60°	627.3	95.3
0°-90°	657.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	657.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	686	
5°	668	62
15°	545	152
25°	379	174
35°	228	142
45°	90	71
55°	28	27
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	685.5
1°	684.6
2°	683.0
3°	679.8
4°	674.9
5°	668.4
6°	660.2
7°	652.1
8°	641.5
9°	631.0
10°	618.8
11°	605.8
12°	591.9
13°	576.5
14°	560.2
15°	544.8
17.5°	503.3
20°	461.0
22.5°	417.9
25°	378.9
27.5°	340.7
30°	303.3
32.5°	265.9
35°	228.5
37.5°	191.1
40°	154.5
42.5°	120.3
45°	90.3
47.5°	65.0
50°	44.7
52.5°	32.5
55°	27.6
57.5°	25.2
60°	22.8
62.5°	20.3
65°	17.9
67.5°	15.4
70°	13.8
72.5°	11.4
75°	8.9
77.5°	7.3
80°	5.7
82.5°	4.1
85°	2.4
87.5°	1.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)