

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: P1265436

Luminaire Tested: P3A17R359730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265436
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

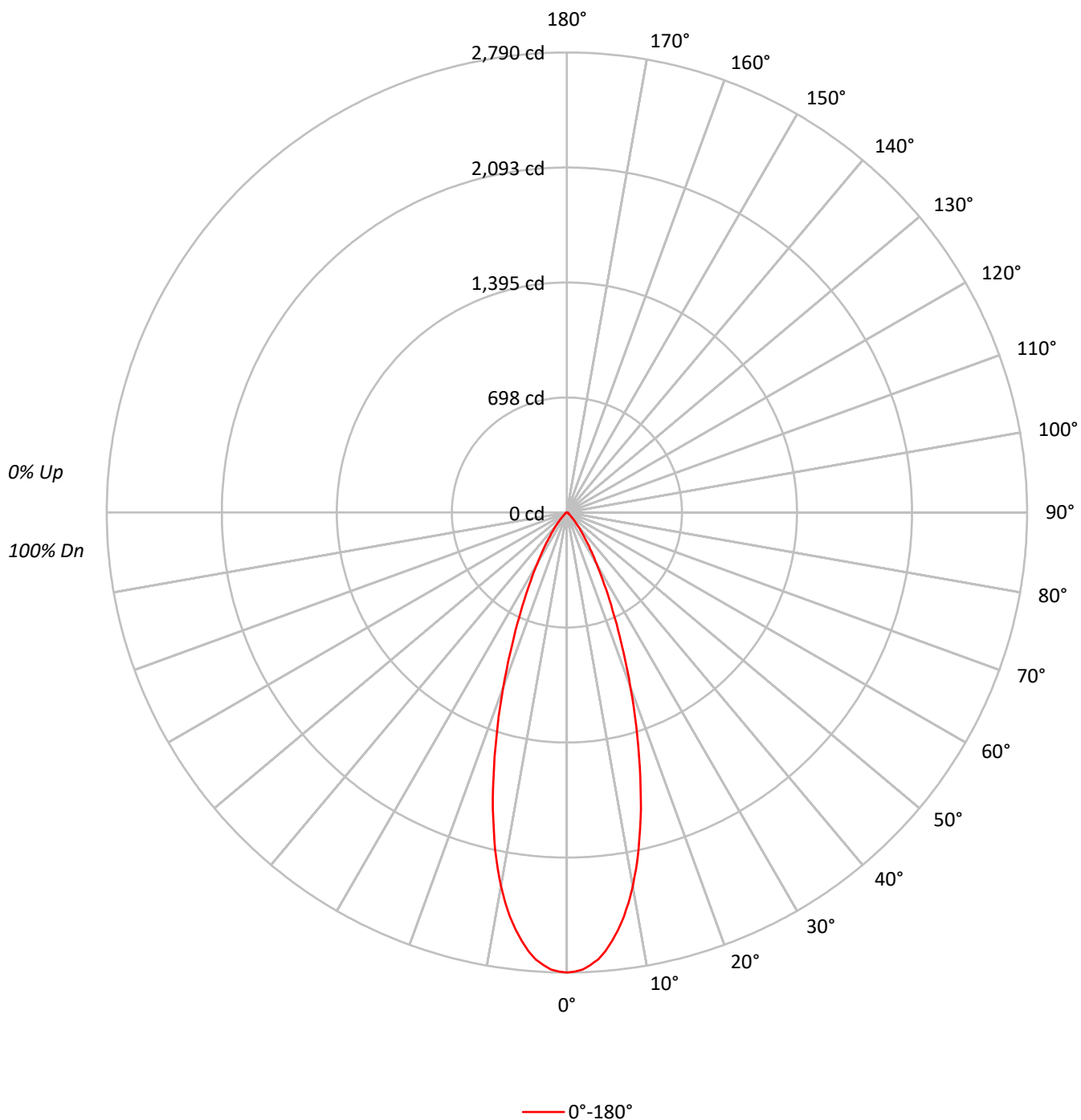
Lumens per Lamp: N/A
Luminaire Lumens: 1213.0 lumens
Efficiency: N/A
Efficacy: 57.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	611793
5°	587958
10°	512282
15°	392375
20°	262523
25°	158840
30°	91153
35°	50969
40°	27079
45°	13955
50°	6686
55°	5276
60°	5043
65°	4203
70°	4424
75°	3897
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.0	20.0
10°-20°	471.0	38.8
20°-30°	308.3	25.4
30°-40°	125.1	10.3
40°-50°	37.5	3.1
50°-60°	12.7	1.1
60°-70°	8.6	0.7
70°-80°	5.0	0.4
80°-90°	1.8	0.1
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°	1022.3	84.3
0°-40°	1147.4	94.6
0°-60°	1197.7	98.7
0°-90°	1213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2790	
5°	2671	243
15°	1728	471
25°	656	308
35°	190	125
45°	45	38
55°	14	13
65°	8	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2790.0
1°	2785.3
2°	2772.7
3°	2747.3
4°	2717.3
5°	2671.1
6°	2613.4
7°	2548.8
8°	2476.1
9°	2393.0
10°	2300.7
11°	2198.0
12°	2090.7
13°	1970.7
14°	1856.5
15°	1728.4
17.5°	1418.1
20°	1125.0
22.5°	865.4
25°	656.5
27.5°	489.2
30°	360.0
32.5°	264.2
35°	190.4
37.5°	135.0
40°	94.6
42.5°	65.8
45°	45.0
47.5°	30.0
50°	19.6
52.5°	15.0
55°	13.8
57.5°	12.7
60°	11.5
62.5°	10.4
65°	8.1
67.5°	6.9
70°	6.9
72.5°	5.8
75°	4.6
77.5°	3.5
80°	3.5
82.5°	2.3
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)