

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: P1265091

Luminaire Tested: P3A13R359730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265091
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: P3A13R359730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

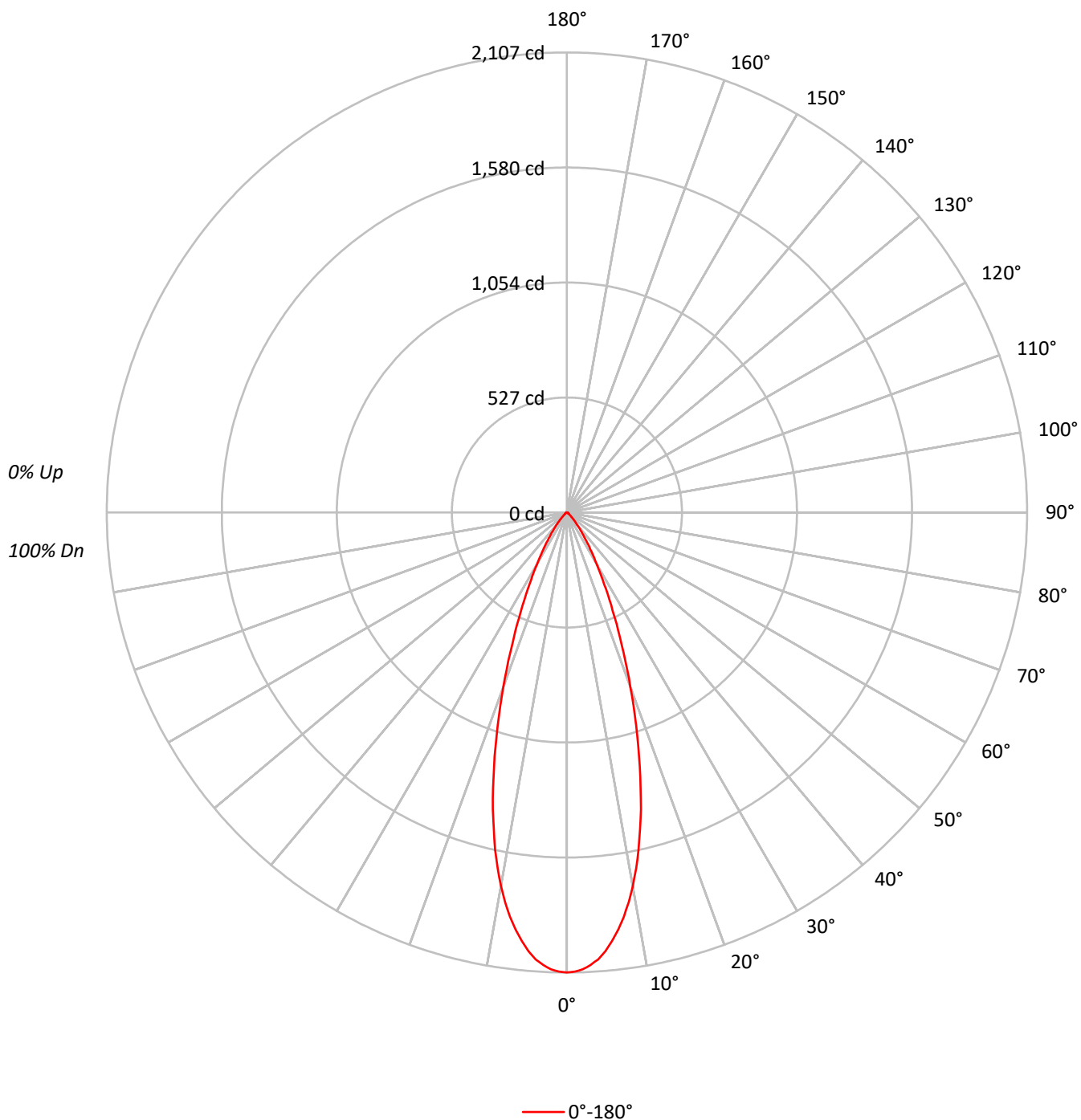
Lumens per Lamp: N/A
Luminaire Lumens: 916.0 lumens
Efficiency: N/A
Efficacy: 62.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	461981
5°	444001
10°	386855
15°	296301
20°	198234
25°	119959
30°	68846
35°	38494
40°	20438
45°	10544
50°	5049
55°	4014
60°	3815
65°	3165
70°	3334
75°	2965
80°	3283
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.5	20.0
10°-20°	355.6	38.8
20°-30°	232.8	25.4
30°-40°	94.4	10.3
40°-50°	28.4	3.1
50°-60°	9.6	1.1
60°-70°	6.4	0.7
70°-80°	3.8	0.4
80°-90°	1.3	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°	772.0	84.3
0°-40°	866.5	94.6
0°-60°	904.4	98.7
0°-90°	916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	916.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2107	
5°	2017	184
15°	1305	356
25°	496	233
35°	144	94
45°	34	28
55°	10	10
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2106.8
1°	2103.4
2°	2093.8
3°	2074.6
4°	2052.0
5°	2017.1
6°	1973.5
7°	1924.7
8°	1869.8
9°	1807.1
10°	1737.4
11°	1659.9
12°	1578.8
13°	1488.2
14°	1402.0
15°	1305.2
17.5°	1070.8
20°	849.5
22.5°	653.5
25°	495.8
27.5°	369.4
30°	271.9
32.5°	199.5
35°	143.8
37.5°	101.9
40°	71.4
42.5°	49.7
45°	34.0
47.5°	22.7
50°	14.8
52.5°	11.3
55°	10.5
57.5°	9.6
60°	8.7
62.5°	7.8
65°	6.1
67.5°	5.2
70°	5.2
72.5°	4.4
75°	3.5
77.5°	2.6
80°	2.6
82.5°	1.7
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)