

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: P1262887

Luminaire Tested: P3A13R659727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262887
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

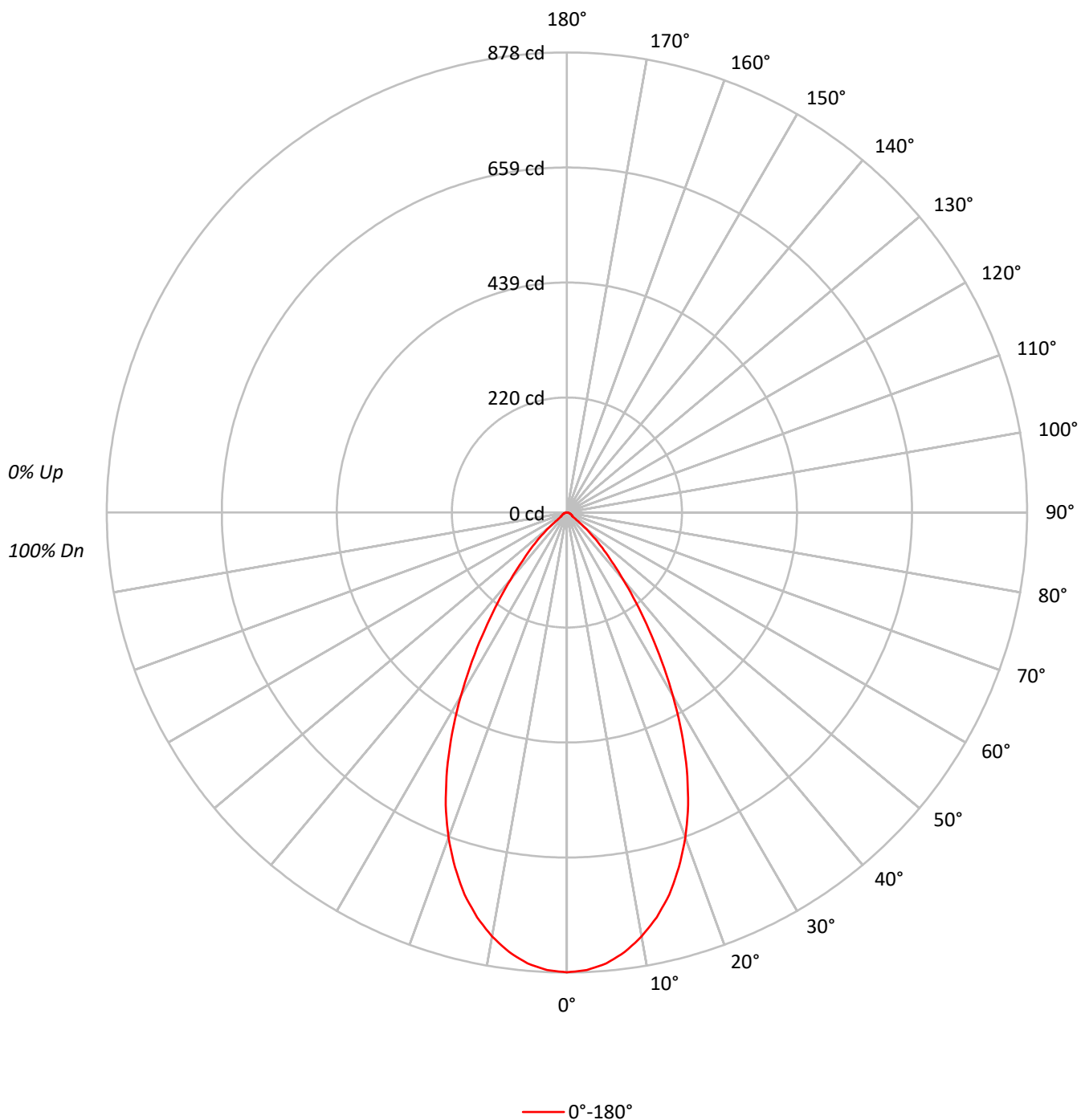
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192441
5°	190138
10°	182918
15°	171352
20°	154107
25°	130870
30°	102345
35°	72946
40°	47718
45°	29522
50°	14976
55°	5276
60°	4649
65°	4618
70°	4167
75°	4151
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29522 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	9.9
10°-20°	210.1	25.7
20°-30°	245.5	30.1
30°-40°	171.5	21.0
40°-50°	75.5	9.3
50°-60°	16.8	2.1
60°-70°	8.5	1.0
70°-80°	5.2	0.6
80°-90°	1.8	0.2
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°	536.7	65.8
0°-40°	708.2	86.8
0°-60°	800.5	98.1
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	878	
5°	864	81
15°	755	210
25°	541	245
35°	272	172
45°	95	76
55°	14	17
65°	9	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	877.6
2.5°	874.3
5°	863.8
7.5°	845.9
10°	821.5
12.5°	791.4
15°	754.8
17.5°	710.0
20°	660.4
22.5°	604.3
25°	540.9
27.5°	474.2
30°	404.2
32.5°	336.7
35°	272.5
37.5°	216.3
40°	166.7
42.5°	126.1
45°	95.2
47.5°	69.9
50°	43.9
52.5°	22.8
55°	13.8
57.5°	12.2
60°	10.6
62.5°	9.8
65°	8.9
67.5°	7.3
70°	6.5
72.5°	5.7
75°	4.9
77.5°	4.1
80°	3.3
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)