

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: P1261514

Luminaire Tested: P3AS02R359727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261514
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: P3AS02R359727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

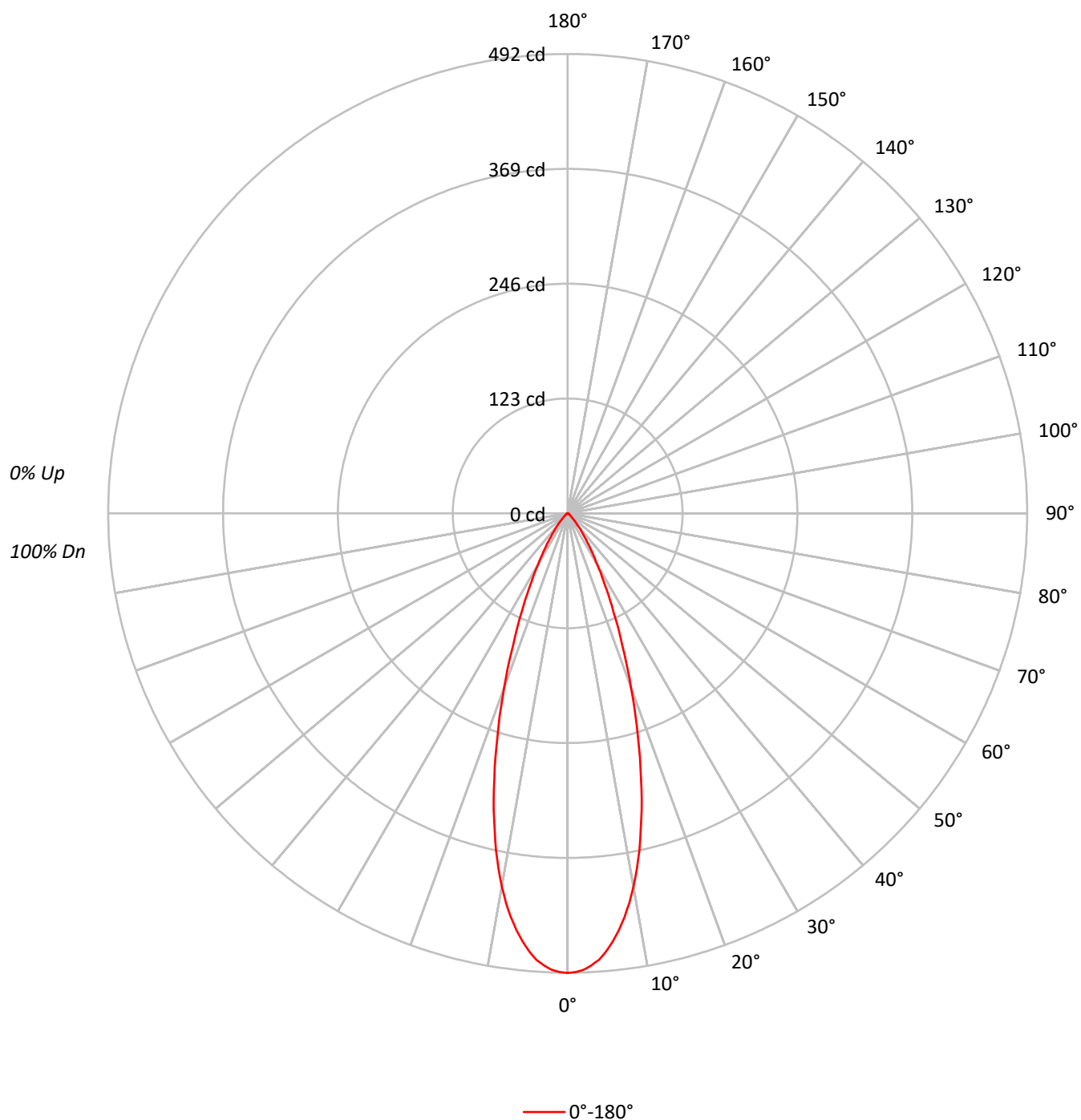
Lumens per Lamp: N/A
Luminaire Lumens: 213.9 lumens
Efficiency: N/A
Efficacy: 59.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	109	107		112	109	107	106		105	104	102		102	100	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	93	91
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86
4	100	94	89	85		99	93	88	85		91	87	84		89	85	83		87	84	82
5	96	89	84	80		95	88	83	80		86	82	79		85	81	78		83	80	78
6	92	85	80	76		91	84	79	76		83	78	75		81	78	75		80	77	74
7	89	81	76	72		88	80	75	72		79	75	72		78	74	71		77	73	71
8	85	77	72	69		84	77	72	69		76	71	68		75	71	68		74	70	68
9	82	74	69	66		81	74	69	65		73	68	65		72	68	65		71	68	65
10	79	71	66	63		78	71	66	63		70	66	63		69	65	62		69	65	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107930
5°	103720
10°	90379
15°	69217
20°	46321
25°	28018
30°	16078
35°	8994
40°	4780
45°	2450
50°	1194
55°	918
60°	877
65°	726
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2450 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	20.0
10°-20°	83.1	38.8
20°-30°	54.4	25.4
30°-40°	22.1	10.3
40°-50°	6.6	3.1
50°-60°	2.2	1.0
60°-70°	1.5	0.7
70°-80°	0.9	0.4
80°-90°	0.3	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°	180.4	84.3
0°-40°	202.4	94.6
0°-60°	211.3	98.8
0°-90°	213.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	471	43
15°	305	83
25°	116	54
35°	34	22
45°	8	7
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	492.2
1°	491.4
2°	489.2
3°	484.7
4°	479.4
5°	471.2
6°	461.1
7°	449.7
8°	436.8
9°	422.2
10°	405.9
11°	387.8
12°	368.9
13°	347.7
14°	327.5
15°	304.9
17.5°	250.2
20°	198.5
22.5°	152.7
25°	115.8
27.5°	86.3
30°	63.5
32.5°	46.6
35°	33.6
37.5°	23.8
40°	16.7
42.5°	11.6
45°	7.9
47.5°	5.3
50°	3.5
52.5°	2.6
55°	2.4
57.5°	2.2
60°	2.0
62.5°	1.8
65°	1.4
67.5°	1.2
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)