

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: P1268650

Luminaire Tested: P3A02R359740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

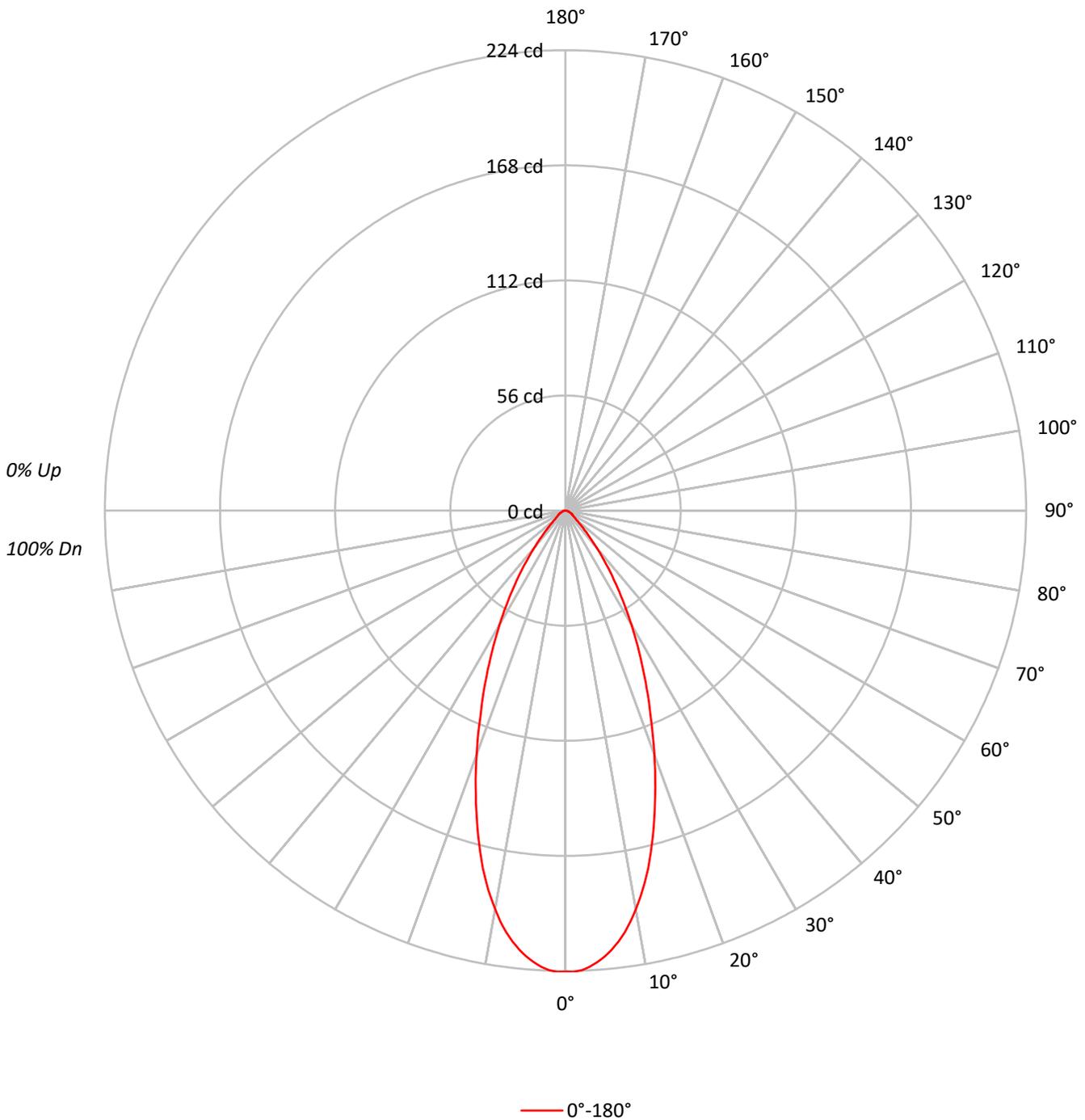
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 153.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49185
5°	47964
10°	43842
15°	37231
20°	29473
25°	22284
30°	16230
35°	10975
40°	6756
45°	3876
50°	2320
55°	1873
60°	1667
65°	1453
70°	1218
75°	1186
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3876 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	13.2
10°-20°	45.2	29.5
20°-30°	42.3	27.6
30°-40°	25.9	16.9
40°-50°	10.2	6.7
50°-60°	4.5	2.9
60°-70°	2.8	1.8
70°-80°	1.5	1.0
80°-90°	0.5	0.3
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°	107.6	70.3
0°-40°	133.5	87.3
0°-60°	148.2	96.9
0°-90°	153.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	153.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	224	
5°	218	20
15°	164	45
25°	92	42
35°	41	26
45°	12	10
55°	5	4
65°	3	3
75°	1	1
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	224.3
1°	224.5
2°	223.8
3°	222.4
4°	220.3
5°	217.9
6°	214.8
7°	211.3
8°	207.1
9°	202.4
10°	196.9
11°	191.3
12°	185.2
13°	178.6
14°	171.3
15°	164.0
17.5°	145.1
20°	126.3
22.5°	108.1
25°	92.1
27.5°	77.3
30°	64.1
32.5°	51.8
35°	41.0
37.5°	31.3
40°	23.6
42.5°	17.0
45°	12.5
47.5°	9.0
50°	6.8
52.5°	5.7
55°	4.9
57.5°	4.2
60°	3.8
62.5°	3.3
65°	2.8
67.5°	2.4
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)