

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: P1273011

Luminaire Tested: P3A02R359830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273011
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: P3A02R359830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

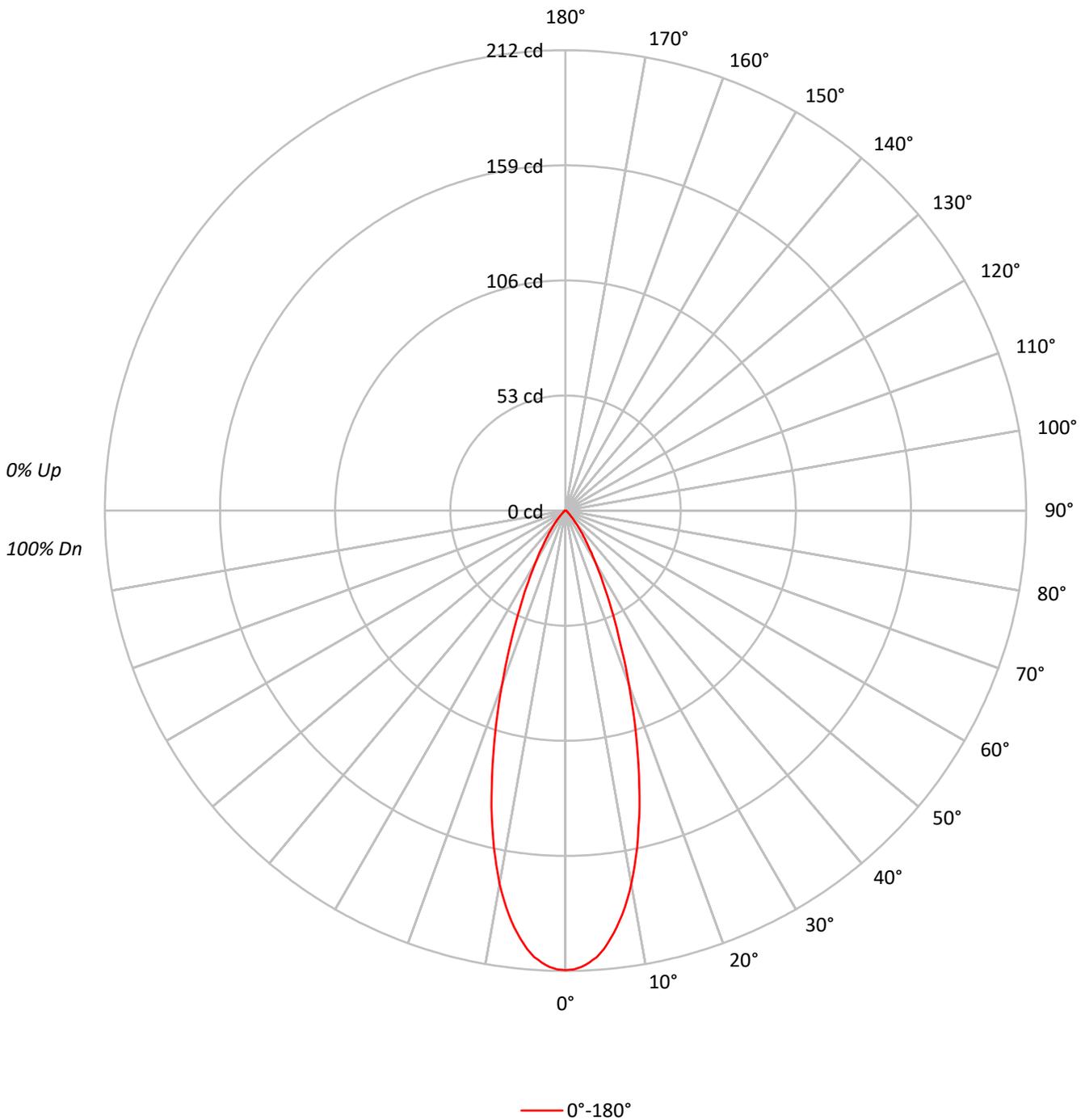
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 92.0 lumens
Efficiency: N/A
Efficacy: 25.6 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			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			
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95			
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89			
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	90	88	86	85			
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80			
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76			
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73			
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70			
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66			
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64			
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46400
5°	44596
10°	38855
15°	29762
20°	19905
25°	12049
30°	6912
35°	3855
40°	2061
45°	1054
50°	512
55°	421
60°	395
65°	311
70°	321
75°	339
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1054 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.4	20.0
10°-20°	35.7	38.8
20°-30°	23.4	25.4
30°-40°	9.5	10.3
40°-50°	2.9	3.1
50°-60°	1.0	1.1
60°-70°	0.6	0.7
70°-80°	0.4	0.4
80°-90°	0.1	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°	77.5	84.3
0°-40°	87.0	94.5
0°-60°	90.8	98.7
0°-90°	92.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	92.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	203	18
15°	131	36
25°	50	23
35°	14	9
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	211.6
1°	211.3
2°	210.3
3°	208.4
4°	206.1
5°	202.6
6°	198.2
7°	193.3
8°	187.8
9°	181.5
10°	174.5
11°	166.7
12°	158.6
13°	149.5
14°	140.8
15°	131.1
17.5°	107.6
20°	85.3
22.5°	65.6
25°	49.8
27.5°	37.1
30°	27.3
32.5°	20.0
35°	14.4
37.5°	10.2
40°	7.2
42.5°	5.0
45°	3.4
47.5°	2.3
50°	1.5
52.5°	1.1
55°	1.1
57.5°	1.0
60°	0.9
62.5°	0.8
65°	0.6
67.5°	0.5
70°	0.5
72.5°	0.4
75°	0.4
77.5°	0.3
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)