

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: P1266155

Luminaire Tested: P3A02R159735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266155
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

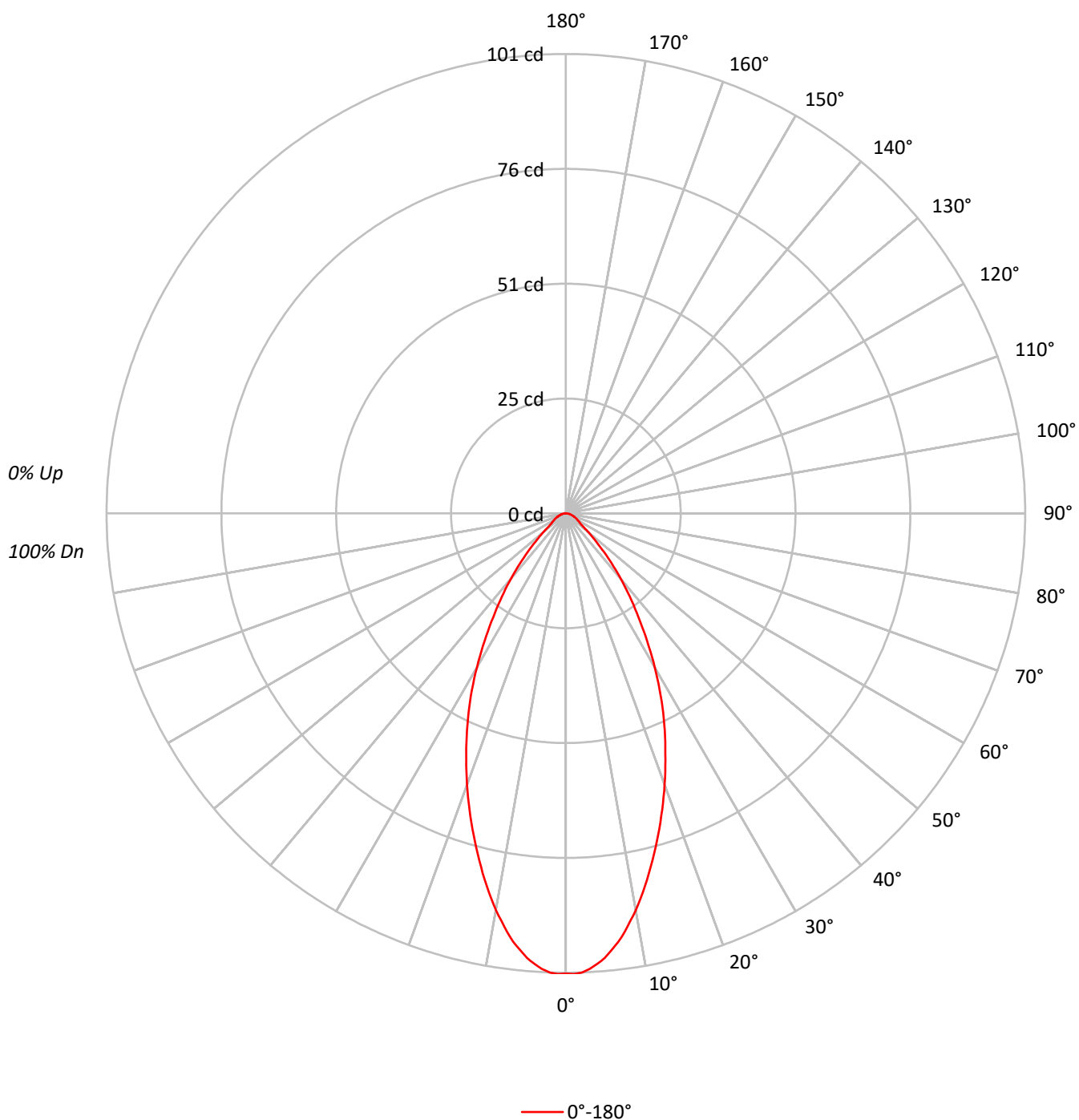
Lumens per Lamp: N/A
Luminaire Lumens: 88.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	22191
5°	21594
10°	19728
15°	17276
20°	14818
25°	12388
30°	9900
35°	7442
40°	5382
45°	3535
50°	2217
55°	1491
60°	1316
65°	1193
70°	1154
75°	1017
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3535 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.1	10.3
10°-20°	21.2	24.1
20°-30°	23.4	26.6
30°-40°	17.5	19.9
40°-50°	9.1	10.3
50°-60°	3.8	4.3
60°-70°	2.3	2.6
70°-80°	1.3	1.5
80°-90°	0.4	0.4
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°	53.6	61.0
0°-40°	71.2	80.9
0°-60°	84.0	95.5
0°-90°	88.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	101	
5°	98	9
15°	76	21
25°	51	23
35°	28	18
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	101.2
1°	101.3
2°	101.0
3°	100.3
4°	99.3
5°	98.1
6°	96.5
7°	94.9
8°	92.9
9°	90.7
10°	88.6
12.5°	82.5
15°	76.1
17.5°	69.8
20°	63.5
22.5°	57.2
25°	51.2
27.5°	45.2
30°	39.1
32.5°	33.2
35°	27.8
37.5°	23.1
40°	18.8
42.5°	14.9
45°	11.4
47.5°	8.6
50°	6.5
52.5°	4.8
55°	3.9
57.5°	3.5
60°	3.0
62.5°	2.7
65°	2.3
67.5°	2.0
70°	1.8
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)