

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: P1268827

Luminaire Tested: P3A02R659740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

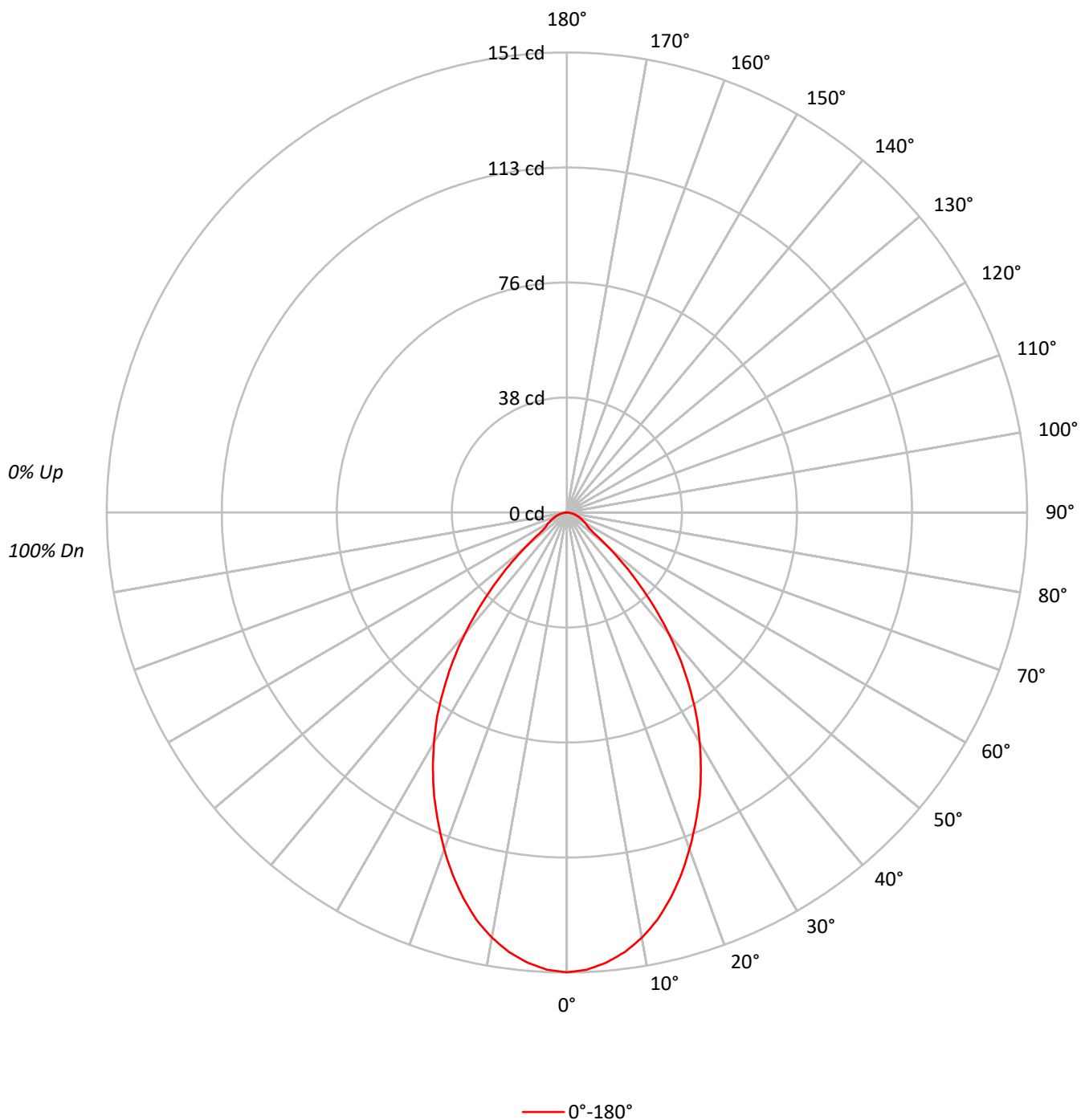
Lumens per Lamp: N/A
Luminaire Lumens: 186.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	33089
5°	32644
10°	31551
15°	29762
20°	27442
25°	24921
30°	22079
35°	18792
40°	14942
45°	10544
50°	6141
55°	3326
60°	3114
65°	2802
70°	2565
75°	2372
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.9	7.5
10°-20°	36.7	19.7
20°-30°	47.1	25.3
30°-40°	43.6	23.4
40°-50°	26.3	14.2
50°-60°	9.0	4.8
60°-70°	5.4	2.9
70°-80°	3.0	1.6
80°-90°	0.9	0.5
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°	97.8	52.6
0°-40°	141.4	76.0
0°-60°	176.7	95.0
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	151	
5°	148	14
15°	131	37
25°	103	47
35°	70	44
45°	34	26
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	150.9
2.5°	150.2
5°	148.3
7.5°	145.5
10°	141.7
12.5°	137.0
15°	131.1
17.5°	124.7
20°	117.6
22.5°	110.3
25°	103.0
27.5°	95.2
30°	87.2
32.5°	79.1
35°	70.2
37.5°	61.4
40°	52.2
42.5°	43.0
45°	34.0
47.5°	25.7
50°	18.0
52.5°	11.3
55°	8.7
57.5°	7.8
60°	7.1
62.5°	6.1
65°	5.4
67.5°	4.7
70°	4.0
72.5°	3.5
75°	2.8
77.5°	2.4
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)