

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: P1268711

Luminaire Tested: P3A02R459740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R459740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

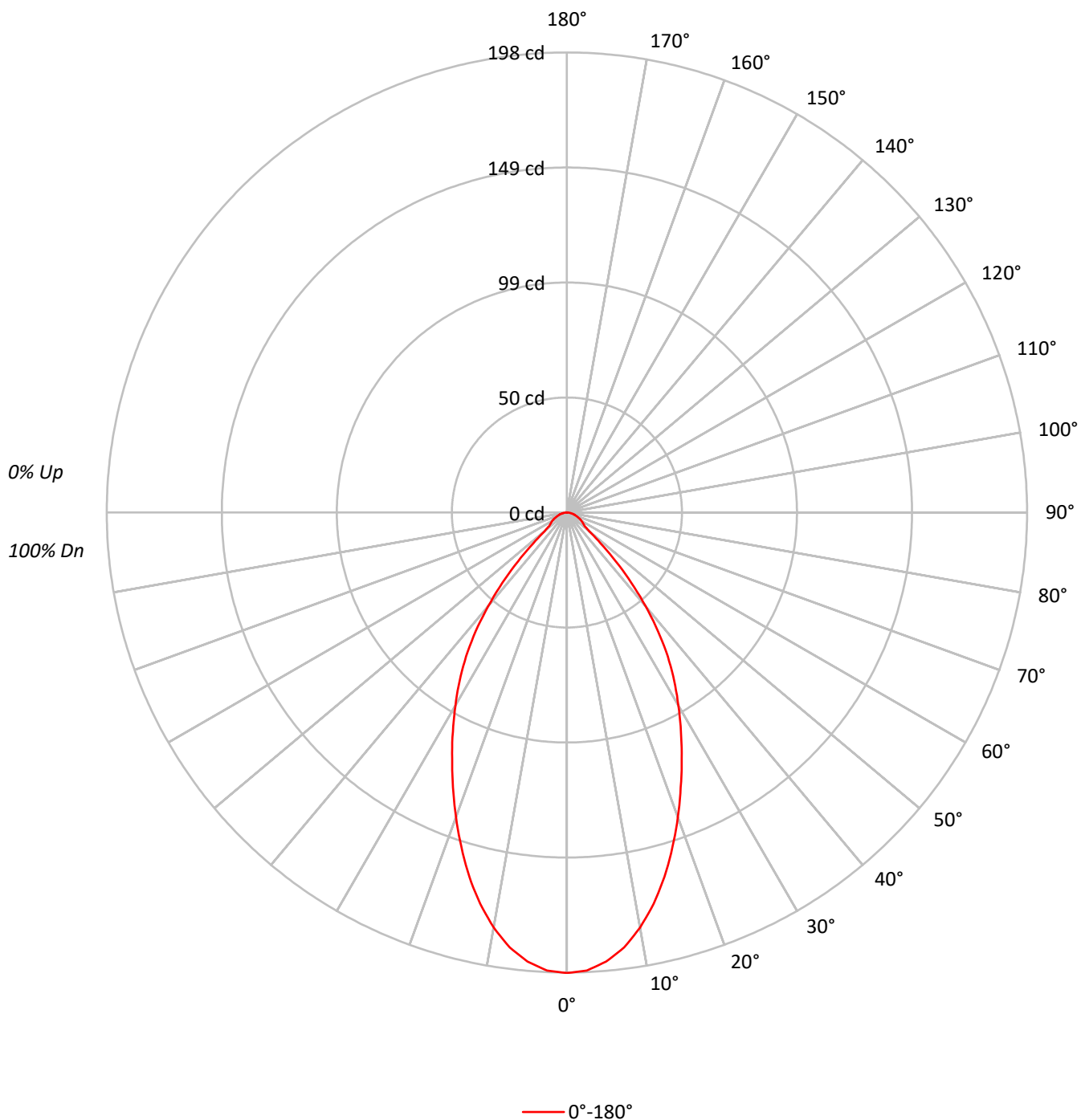
Lumens per Lamp: N/A
Luminaire Lumens: 205.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1268711

CATALOG NUMBER: P3A02R459740DE010 E3DLD1LI

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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43461
5°	42703
10°	40391
15°	36845
20°	32576
25°	28284
30°	24282
35°	20238
40°	15085
45°	9241
50°	4264
55°	3326
60°	3201
65°	2958
70°	2757
75°	2626
80°	2399
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9241 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	8.8
10°-20°	45.2	22.0
20°-30°	53.7	26.2
30°-40°	46.7	22.8
40°-50°	23.4	11.4
50°-60°	8.1	4.0
60°-70°	5.7	2.8
70°-80°	3.2	1.6
80°-90°	1.0	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°	117.0	57.1
0°-40°	163.6	79.8
0°-60°	195.1	95.2
0°-90°	205.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	205.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	198	
5°	194	18
15°	162	45
25°	117	54
35°	76	47
45°	30	23
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	198.2
2.5°	197.3
5°	194.0
7.5°	188.8
10°	181.4
12.5°	172.5
15°	162.3
17.5°	151.0
20°	139.6
22.5°	128.0
25°	116.9
27.5°	106.3
30°	95.9
32.5°	86.0
35°	75.6
37.5°	64.5
40°	52.7
42.5°	41.1
45°	29.8
47.5°	19.6
50°	12.5
52.5°	9.7
55°	8.7
57.5°	8.0
60°	7.3
62.5°	6.6
65°	5.7
67.5°	5.0
70°	4.3
72.5°	3.5
75°	3.1
77.5°	2.4
80°	1.9
82.5°	1.4
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)