

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: P1245897

Luminaire Tested: P3A02R659024DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245897
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: P3A02R659024DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

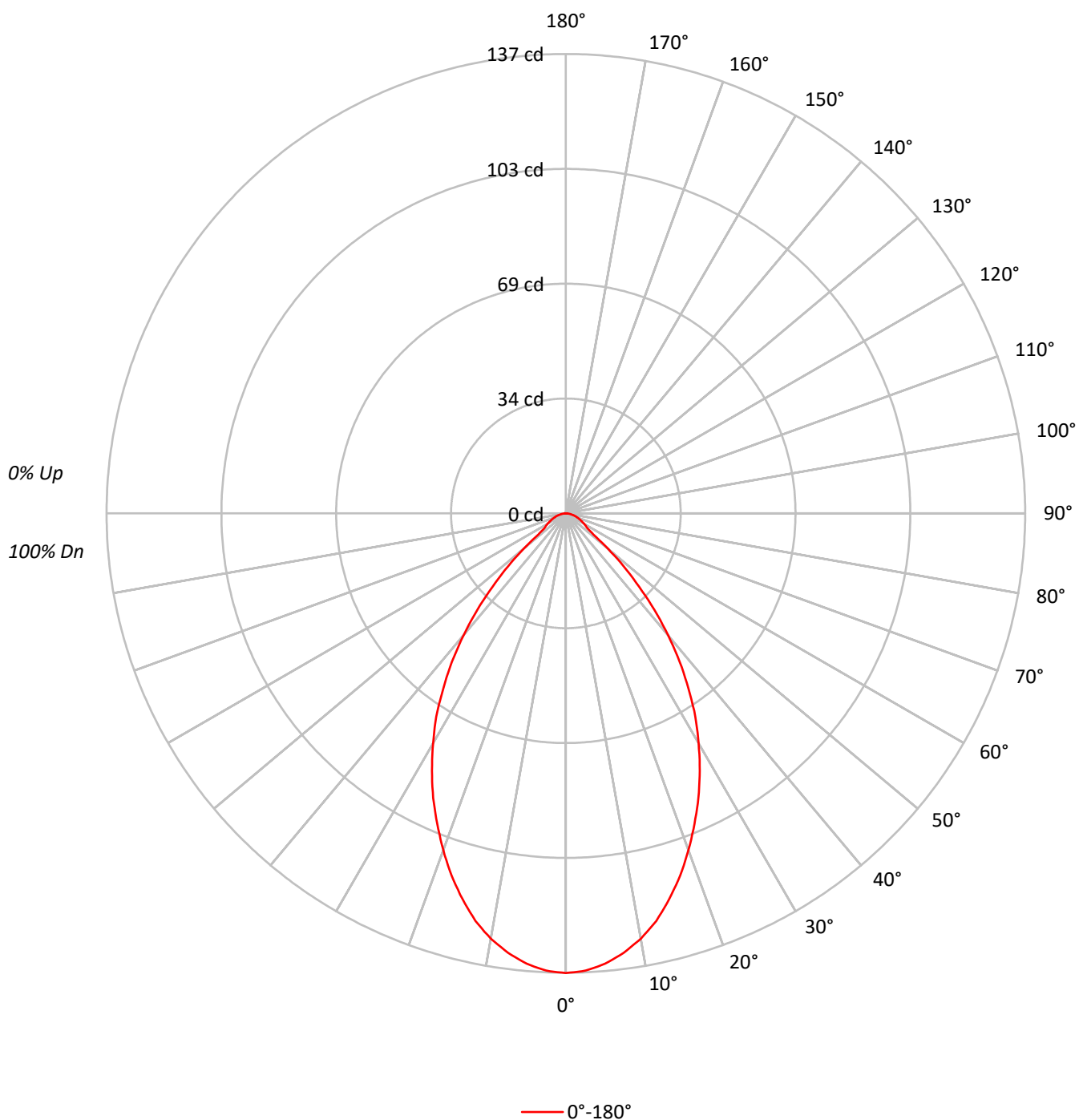
Lumens per Lamp: N/A
Luminaire Lumens: 168.9 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	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	91	82	76	71	80	75	71	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	50	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°	30063
5°	29672
10°	28679
15°	27038
20°	24946
25°	22646
30°	20054
35°	17052
40°	13568
45°	9582
50°	5561
55°	3020
60°	2807
65°	2542
70°	2308
75°	2203
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	7.5
10°-20°	33.3	19.7
20°-30°	42.8	25.4
30°-40°	39.6	23.4
40°-50°	23.9	14.2
50°-60°	8.1	4.8
60°-70°	4.9	2.9
70°-80°	2.8	1.6
80°-90°	0.8	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°	88.8	52.6
0°-40°	128.4	76.0
0°-60°	160.5	95.0
0°-90°	168.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	168.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	137	
5°	135	13
15°	119	33
25°	94	43
35°	64	40
45°	31	24
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	137.1
2.5°	136.5
5°	134.8
7.5°	132.2
10°	128.8
12.5°	124.5
15°	119.1
17.5°	113.3
20°	106.9
22.5°	100.2
25°	93.6
27.5°	86.5
30°	79.2
32.5°	71.9
35°	63.7
37.5°	55.8
40°	47.4
42.5°	39.1
45°	30.9
47.5°	23.4
50°	16.3
52.5°	10.3
55°	7.9
57.5°	7.1
60°	6.4
62.5°	5.6
65°	4.9
67.5°	4.3
70°	3.6
72.5°	3.2
75°	2.6
77.5°	2.1
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)