

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: P1245776

Luminaire Tested: P3A02R459024DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245776
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R459024DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

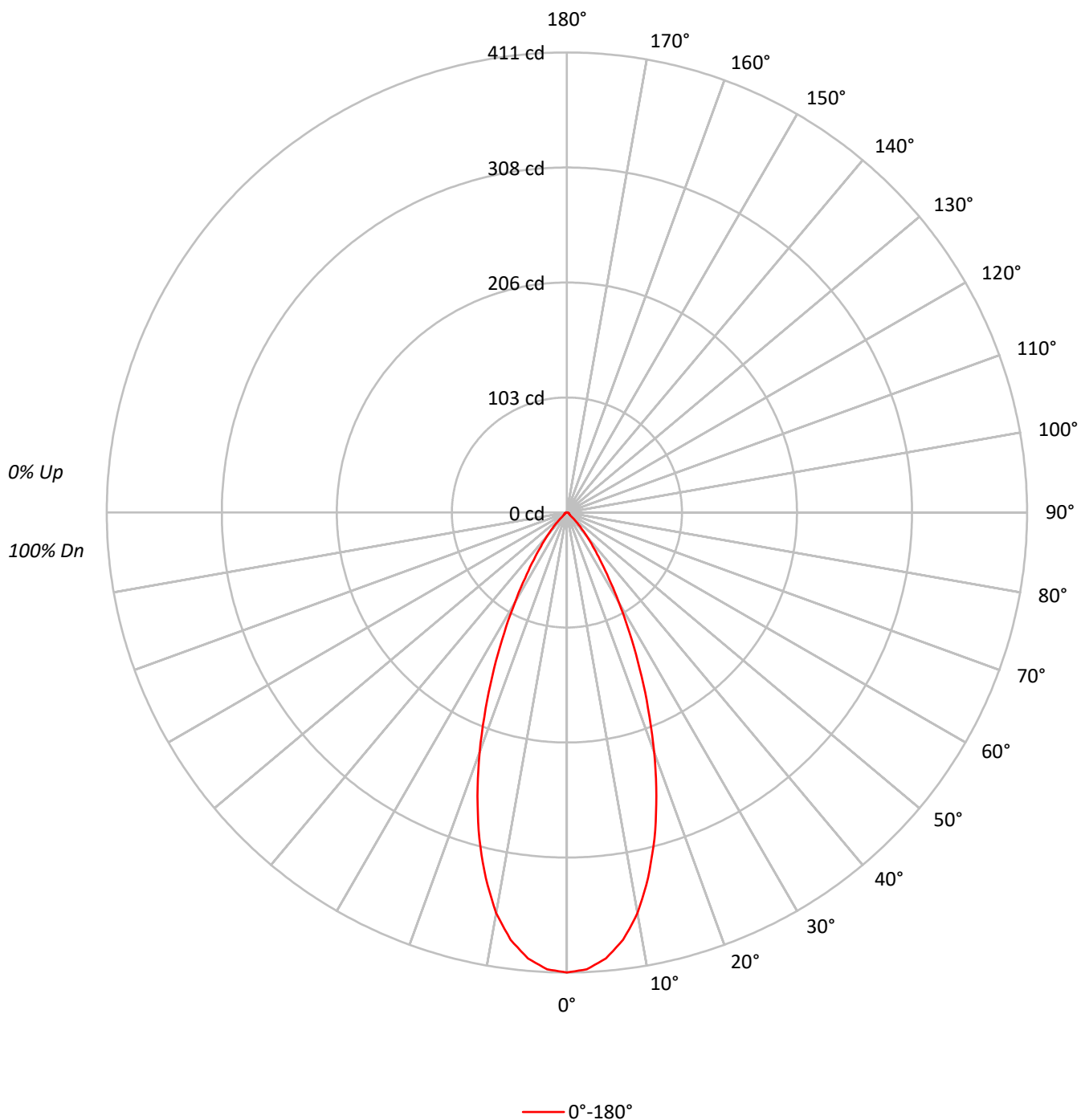
Lumens per Lamp: N/A
Luminaire Lumens: 240.0 lumens
Efficiency: N/A
Efficacy: 66.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	89	88	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	87	84	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74	74	74
6	90	82	77	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70	70	70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66	66	66
8	83	74	68	65	82	73	68	65	72	68	64	71	67	64	70	67	64	62	62	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59	59	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	57	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90124
5°	88025
10°	80916
15°	68559
20°	53181
25°	37188
30°	23421
35°	13786
40°	7815
45°	3783
50°	1330
55°	1070
60°	1053
65°	986
70°	962
75°	932
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	15.4
10°-20°	82.9	34.6
20°-30°	70.4	29.3
30°-40°	33.6	14.0
40°-50°	10.1	4.2
50°-60°	2.6	1.1
60°-70°	1.9	0.8
70°-80°	1.1	0.5
80°-90°	0.3	0.1
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°	190.4	79.3
0°-40°	224.0	93.3
0°-60°	236.7	98.6
0°-90°	240.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	240.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	411	
5°	400	37
15°	302	83
25°	154	70
35°	52	34
45°	12	10
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	411.0
2.5°	408.4
5°	399.9
7.5°	385.0
10°	363.4
12.5°	334.6
15°	302.0
17.5°	265.7
20°	227.9
22.5°	189.5
25°	153.7
27.5°	121.1
30°	92.5
32.5°	69.5
35°	51.5
37.5°	38.0
40°	27.3
42.5°	18.9
45°	12.2
47.5°	6.9
50°	3.9
52.5°	3.0
55°	2.8
57.5°	2.6
60°	2.4
62.5°	2.1
65°	1.9
67.5°	1.7
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)