

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: P1247247

Luminaire Tested: P3A17R259024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247247
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

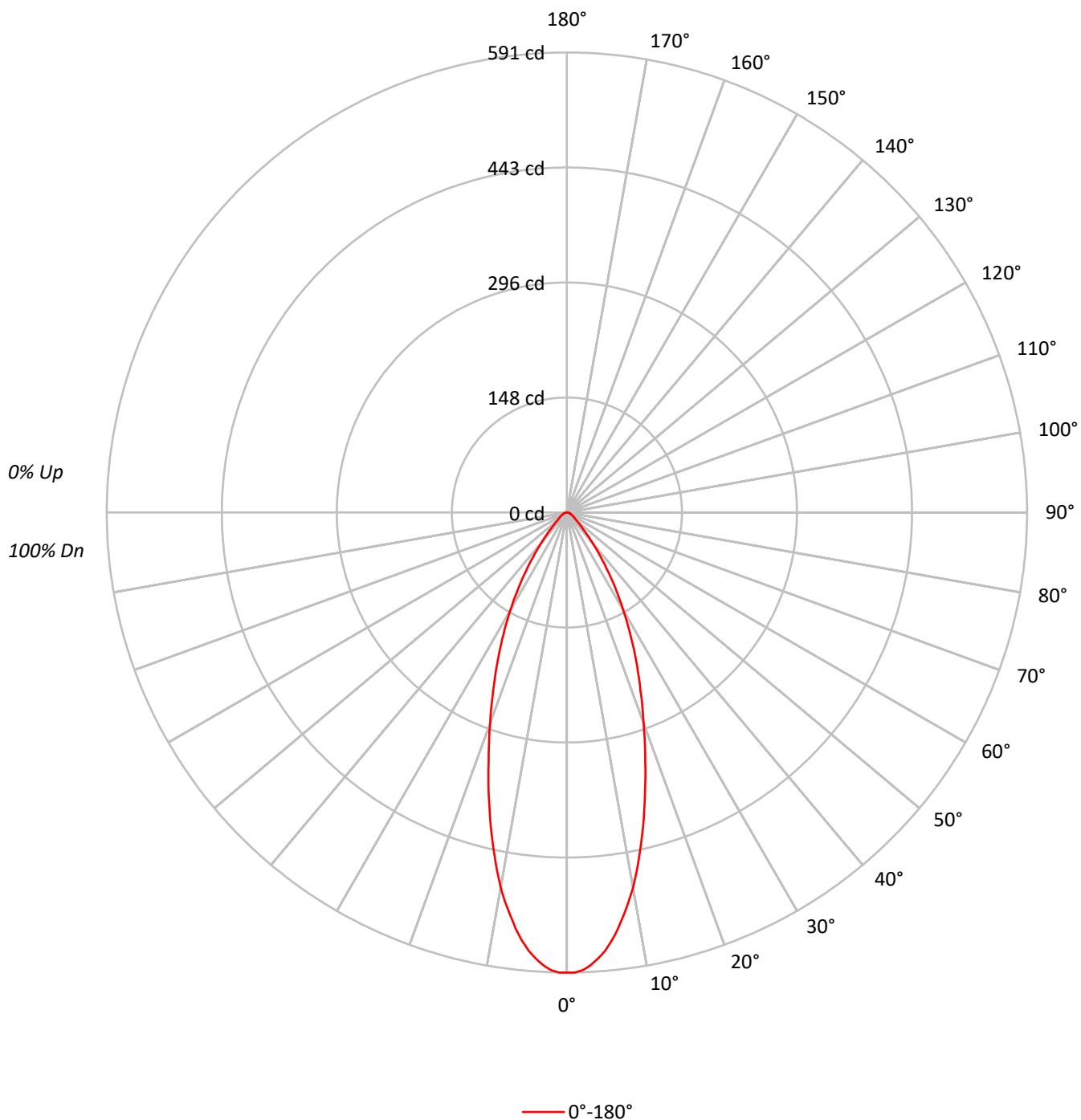
Lumens per Lamp: N/A
Luminaire Lumens: 357.0 lumens
Efficiency: N/A
Efficacy: 16.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	129617
5°	124345
10°	108927
15°	87560
20°	67276
25°	50906
30°	36790
35°	24440
40°	14828
45°	8621
50°	5492
55°	4473
60°	3903
65°	3476
70°	2885
75°	2796
80°	2147
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8621 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	14.4
10°-20°	106.7	29.9
20°-30°	96.5	27.0
30°-40°	58.0	16.2
40°-50°	23.0	6.4
50°-60°	10.6	3.0
60°-70°	6.5	1.8
70°-80°	3.5	1.0
80°-90°	1.0	0.3
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°	254.5	71.3
0°-40°	312.5	87.5
0°-60°	346.1	96.9
0°-90°	357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	357.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	591	
5°	565	51
15°	386	107
25°	210	96
35°	91	58
45°	28	23
55°	12	11
65°	7	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	591.1
1°	591.1
2°	588.3
3°	582.2
4°	574.4
5°	564.9
6°	552.7
7°	538.8
8°	522.6
9°	506.5
10°	489.2
11°	469.2
12°	448.6
13°	428.0
14°	407.4
15°	385.7
17.5°	334.5
20°	288.3
22.5°	246.6
25°	210.4
27.5°	176.4
30°	145.3
32.5°	116.9
35°	91.3
37.5°	69.6
40°	51.8
42.5°	37.8
45°	27.8
47.5°	21.1
50°	16.1
52.5°	13.4
55°	11.7
57.5°	10.0
60°	8.9
62.5°	7.2
65°	6.7
67.5°	5.6
70°	4.5
72.5°	3.9
75°	3.3
77.5°	2.8
80°	1.7
82.5°	1.1
85°	1.1
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)