

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: P1247209

Luminaire Tested: P3A17R209024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247209
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

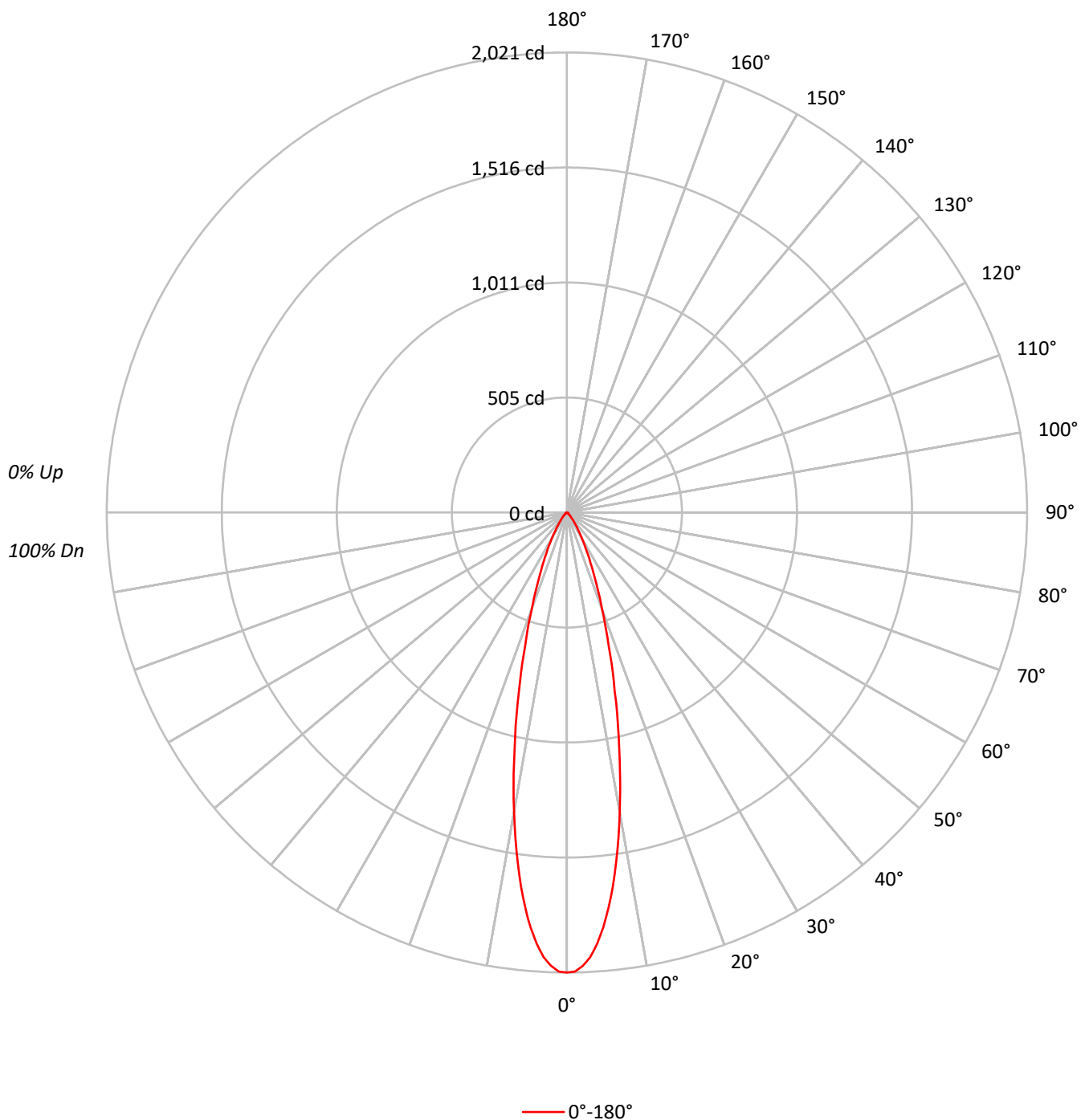
Lumens per Lamp: N/A
Luminaire Lumens: 576.0 lumens
Efficiency: N/A
Efficacy: 27.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	443166
5°	402838
10°	297723
15°	184178
20°	105172
25°	60052
30°	33676
35°	18310
40°	10047
45°	5520
50°	3241
55°	2332
60°	2193
65°	2024
70°	1795
75°	1864
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5520 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.5	27.5
10°-20°	226.2	39.3
20°-30°	118.1	20.5
30°-40°	45.7	7.9
40°-50°	14.8	2.6
50°-60°	5.8	1.0
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.8	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°	502.8	87.3
0°-40°	548.5	95.2
0°-60°	569.1	98.8
0°-90°	576.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	576.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2021	
5°	1830	158
15°	811	226
25°	248	118
35°	68	46
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2021.0
1°	2017.1
2°	1993.2
3°	1956.5
4°	1899.7
5°	1830.1
6°	1747.8
7°	1656.5
8°	1550.8
9°	1447.9
10°	1337.1
12.5°	1062.8
15°	811.3
17.5°	607.1
20°	450.7
22.5°	333.9
25°	248.2
27.5°	183.1
30°	133.0
32.5°	96.3
35°	68.4
37.5°	49.5
40°	35.1
42.5°	25.0
45°	17.8
47.5°	12.8
50°	9.5
52.5°	7.2
55°	6.1
57.5°	5.6
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.3
70°	2.8
72.5°	2.8
75°	2.2
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)