

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: P1247503

Luminaire Tested: P3A17R709024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R709024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

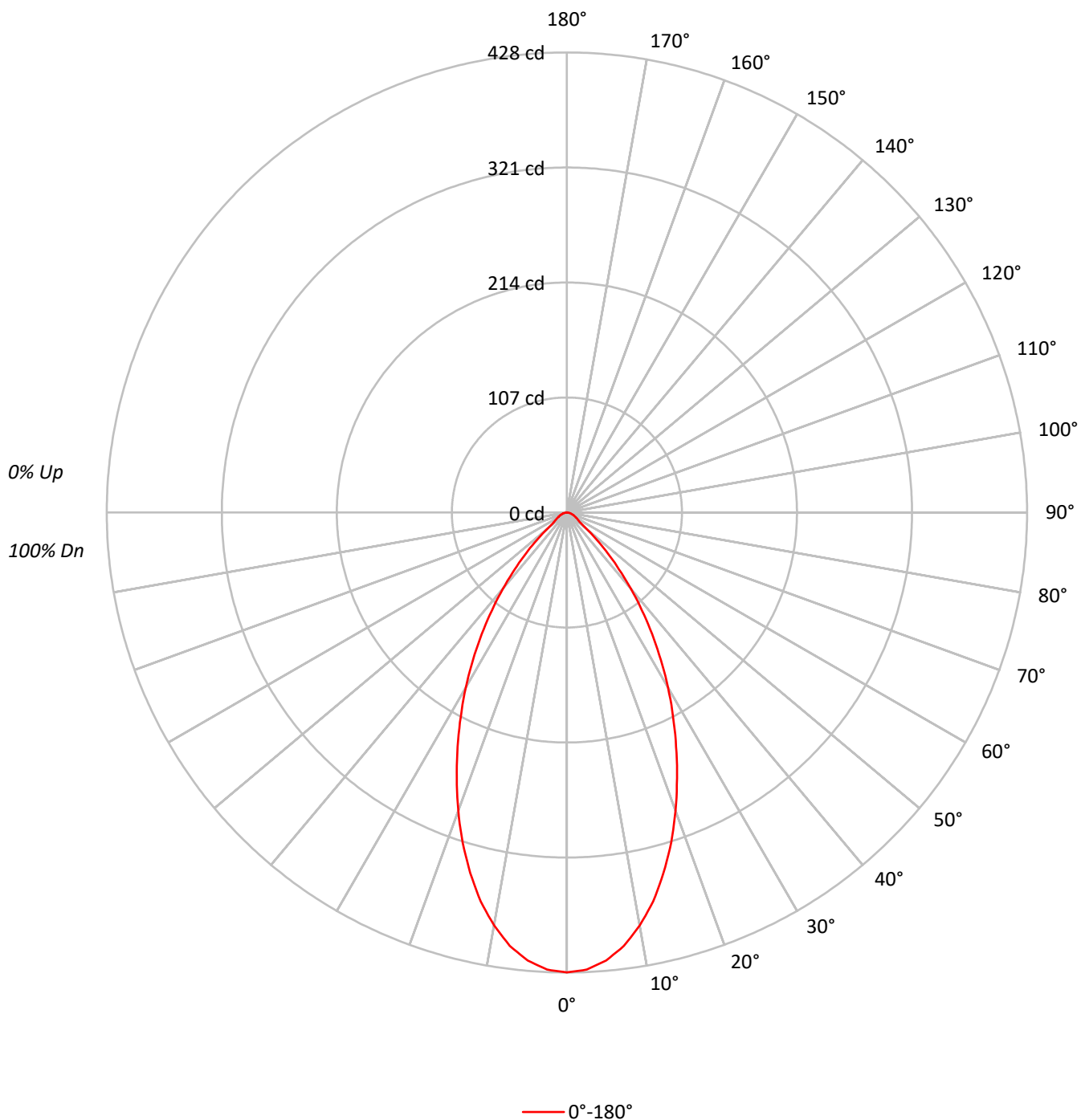
Lumens per Lamp: N/A
Luminaire Lumens: 400.1 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93830
5°	92097
10°	86839
15°	78820
20°	68933
25°	58165
30°	47628
35°	36942
40°	26450
45°	16746
50°	8358
55°	5123
60°	4386
65°	4047
70°	3590
75°	3304
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.0	9.8
10°-20°	96.6	24.1
20°-30°	110.0	27.5
30°-40°	86.0	21.5
40°-50°	42.3	10.6
50°-60°	13.0	3.3
60°-70°	7.7	1.9
70°-80°	4.1	1.0
80°-90°	1.2	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°	245.7	61.4
0°-40°	331.7	82.9
0°-60°	387.0	96.7
0°-90°	400.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	400.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	418	39
15°	347	97
25°	240	110
35°	138	86
45°	54	42
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	427.9
2.5°	425.6
5°	418.4
7.5°	406.7
10°	390.0
12.5°	370.6
15°	347.2
17.5°	322.2
20°	295.4
22.5°	267.6
25°	240.4
27.5°	213.7
30°	188.1
32.5°	162.5
35°	138.0
37.5°	114.6
40°	92.4
42.5°	71.8
45°	54.0
47.5°	37.8
50°	24.5
52.5°	16.1
55°	13.4
57.5°	11.7
60°	10.0
62.5°	8.9
65°	7.8
67.5°	6.7
70°	5.6
72.5°	4.5
75°	3.9
77.5°	3.3
80°	2.2
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)