

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: P1264879

Luminaire Tested: P3A09R709730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264879
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R709730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

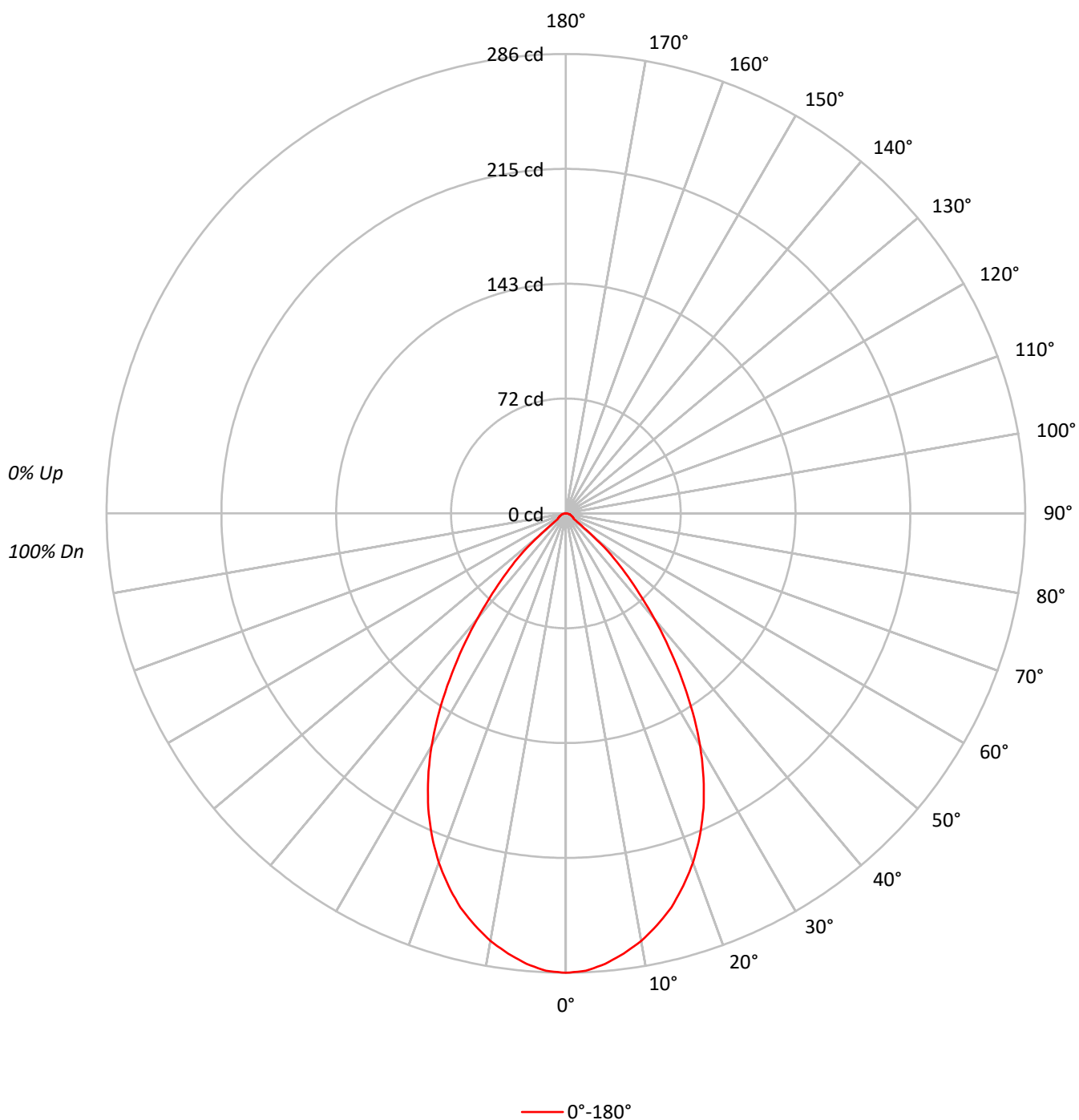
Lumens per Lamp: N/A
Luminaire Lumens: 324.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62714
5°	61963
10°	60186
15°	57639
20°	53975
25°	49043
30°	42361
35°	33756
40°	24589
45°	16157
50°	7573
55°	2332
60°	2237
65°	2179
70°	2052
75°	2203
80°	2020
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16157 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	8.2
10°-20°	71.0	21.9
20°-30°	92.3	28.5
30°-40°	78.3	24.2
40°-50°	40.4	12.5
50°-60°	7.8	2.4
60°-70°	4.2	1.3
70°-80°	2.6	0.8
80°-90°	0.7	0.2
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°	189.9	58.6
0°-40°	268.2	82.8
0°-60°	316.4	97.7
0°-90°	324.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	324.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	286	
5°	282	27
15°	254	71
25°	203	92
35°	126	78
45°	52	40
55°	6	8
65°	4	4
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	286.0
2.5°	285.1
5°	281.5
7.5°	276.4
10°	270.3
12.5°	262.6
15°	253.9
17.5°	243.2
20°	231.3
22.5°	217.8
25°	202.7
27.5°	185.7
30°	167.3
32.5°	147.0
35°	126.1
37.5°	105.5
40°	85.9
42.5°	67.6
45°	52.1
47.5°	38.3
50°	22.2
52.5°	9.7
55°	6.1
57.5°	5.8
60°	5.1
62.5°	4.8
65°	4.2
67.5°	3.9
70°	3.2
72.5°	2.9
75°	2.6
77.5°	1.9
80°	1.6
82.5°	1.0
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)