

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: P1269375

Luminaire Tested: P3A09R259740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269375
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

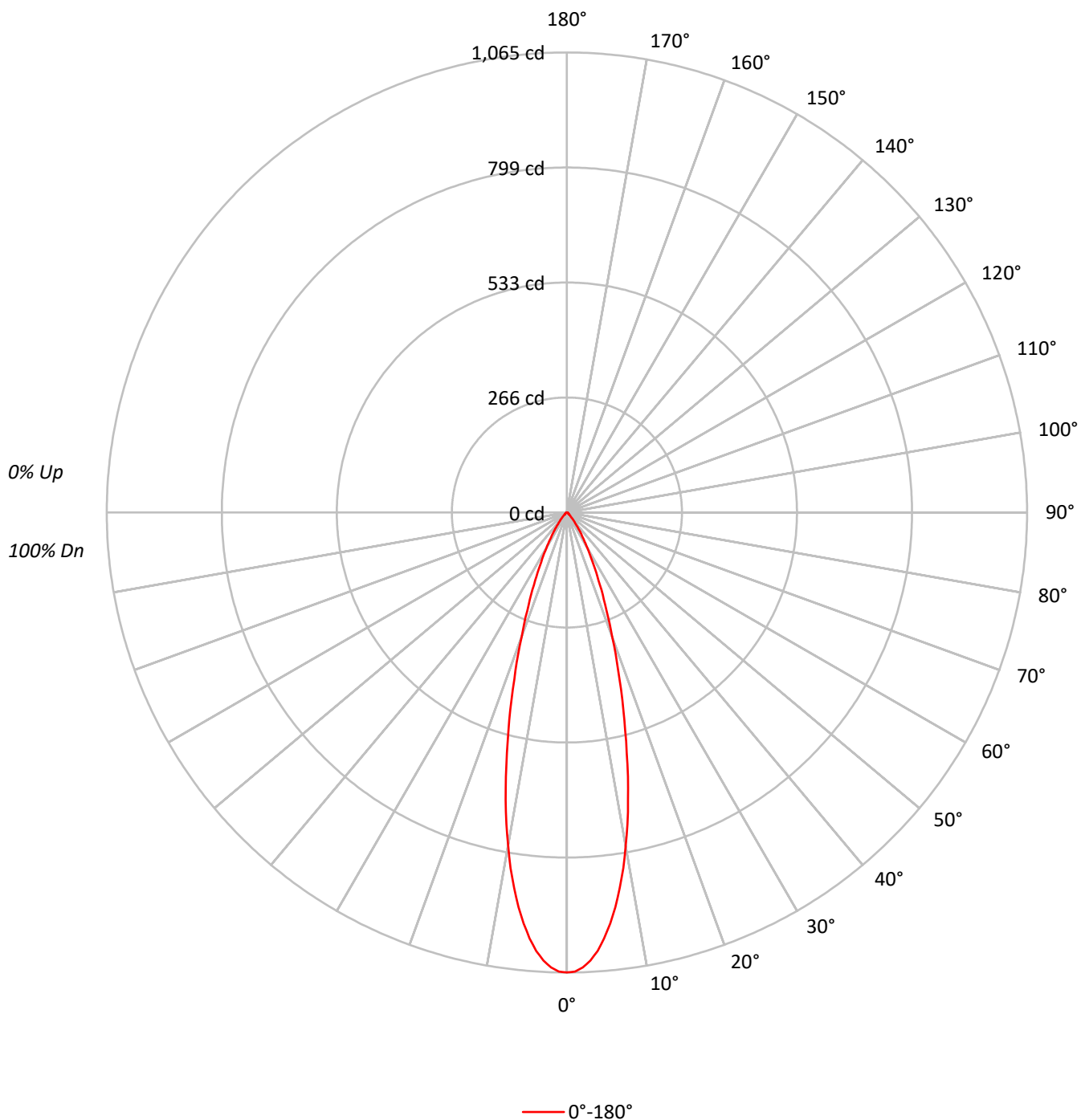
Lumens per Lamp: N/A
Luminaire Lumens: 364.0 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233490
5°	217851
10°	174501
15°	118457
20°	71686
25°	41906
30°	23877
35°	13117
40°	6985
45°	3659
50°	2149
55°	1606
60°	1360
65°	1453
70°	1346
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3659 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.8	24.1
10°-20°	143.5	39.4
20°-30°	82.0	22.5
30°-40°	32.4	8.9
40°-50°	9.9	2.7
50°-60°	3.9	1.1
60°-70°	2.6	0.7
70°-80°	1.4	0.4
80°-90°	0.4	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°	313.3	86.1
0°-40°	345.6	95.0
0°-60°	359.4	98.8
0°-90°	364.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	364.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1065	
5°	990	88
15°	522	143
25°	173	82
35°	49	32
45°	12	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1064.8
1°	1062.7
2°	1054.0
3°	1038.7
4°	1017.5
5°	989.7
6°	957.0
7°	920.1
8°	877.3
9°	833.5
10°	783.7
11°	734.7
12°	680.8
13°	627.5
14°	572.9
15°	521.8
17.5°	404.6
20°	307.2
22.5°	230.6
25°	173.2
27.5°	128.4
30°	94.3
32.5°	68.2
35°	49.0
37.5°	34.8
40°	24.4
42.5°	16.7
45°	11.8
47.5°	8.3
50°	6.3
52.5°	4.9
55°	4.2
57.5°	3.8
60°	3.1
62.5°	2.8
65°	2.8
67.5°	2.4
70°	2.1
72.5°	1.7
75°	1.4
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)