

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: P1262298

Luminaire Tested: P3AS09R359727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262298
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

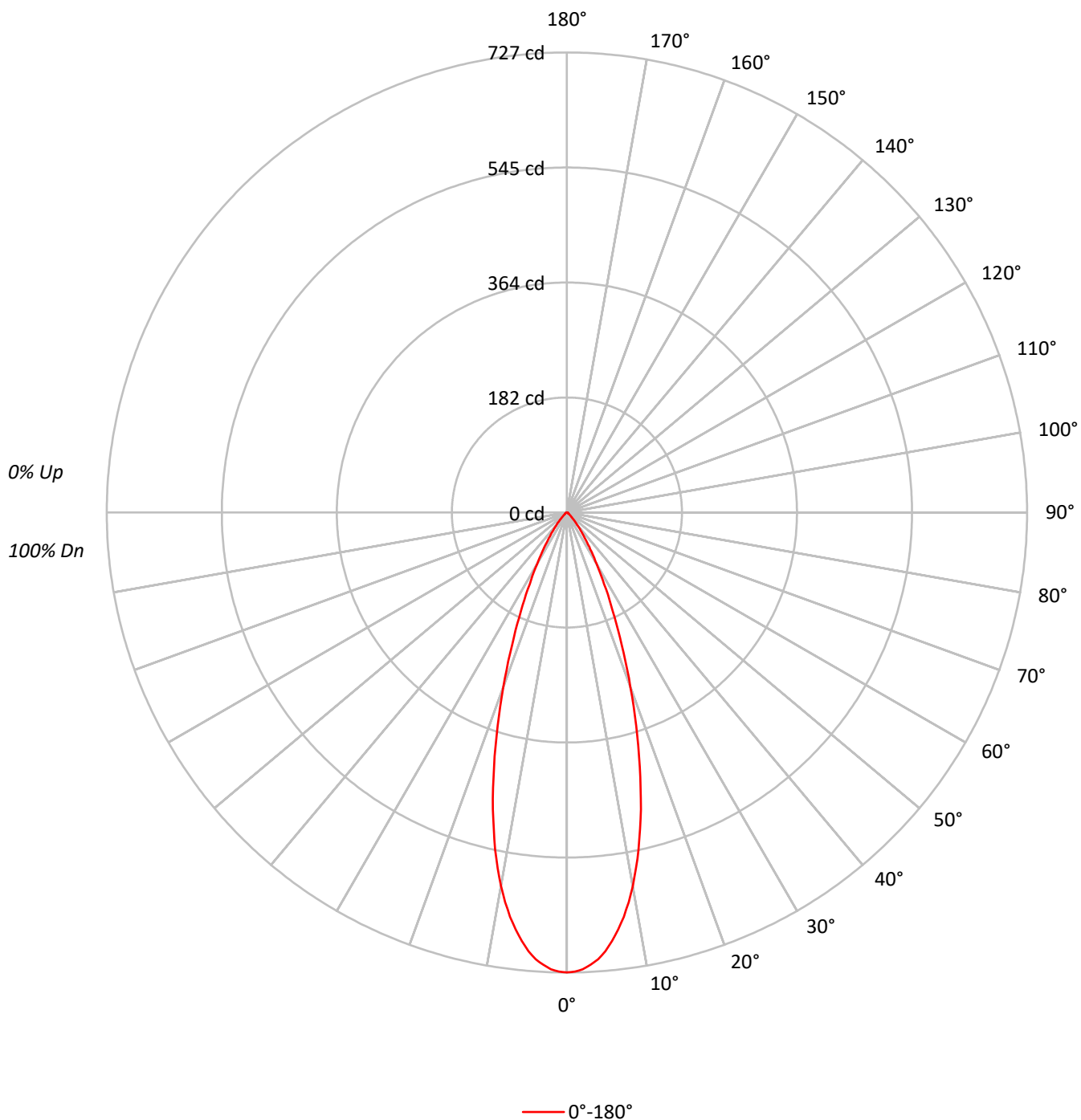
Lumens per Lamp: N/A
Luminaire Lumens: 316.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159373
5°	153180
10°	133464
15°	102225
20°	68396
25°	41373
30°	23750
35°	13278
40°	7042
45°	3628
50°	1740
55°	1376
60°	1316
65°	1090
70°	1154
75°	1017
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3628 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.3	20.0
10°-20°	122.7	38.8
20°-30°	80.3	25.4
30°-40°	32.6	10.3
40°-50°	9.8	3.1
50°-60°	3.3	1.0
60°-70°	2.2	0.7
70°-80°	1.3	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°	266.3	84.3
0°-40°	298.9	94.6
0°-60°	312.0	98.7
0°-90°	316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	727	
5°	696	63
15°	450	123
25°	171	80
35°	50	33
45°	12	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	726.8
1°	725.6
2°	722.3
3°	715.7
4°	707.9
5°	695.9
6°	680.8
7°	664.0
8°	645.1
9°	623.4
10°	599.4
11°	572.6
12°	544.7
13°	513.4
14°	483.6
15°	450.3
17.5°	369.4
20°	293.1
22.5°	225.4
25°	171.0
27.5°	127.4
30°	93.8
32.5°	68.8
35°	49.6
37.5°	35.2
40°	24.6
42.5°	17.1
45°	11.7
47.5°	7.8
50°	5.1
52.5°	3.9
55°	3.6
57.5°	3.3
60°	3.0
62.5°	2.7
65°	2.1
67.5°	1.8
70°	1.8
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)