

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: P1275771

Luminaire Tested: P3AS09R359835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275771
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: P3AS09R359835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

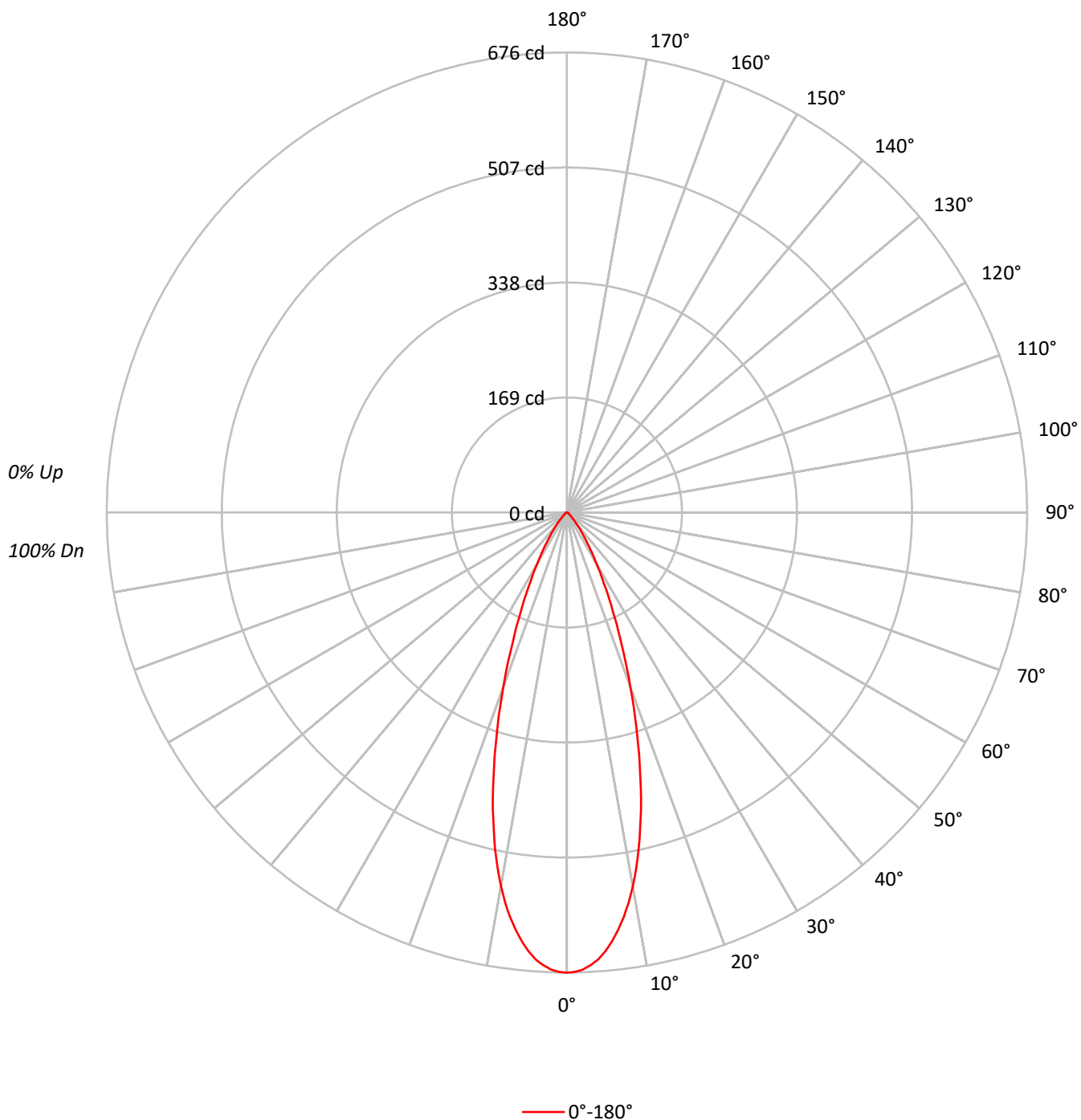
Lumens per Lamp: N/A
Luminaire Lumens: 294.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78	76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71	70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68	66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	67	65	64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148278
5°	142505
10°	124157
15°	95097
20°	63636
25°	38494
30°	22105
35°	12341
40°	6555
45°	3380
50°	1637
55°	1300
60°	1228
65°	1038
70°	1090
75°	932
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3380 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.9	20.0
10°-20°	114.1	38.8
20°-30°	74.7	25.4
30°-40°	30.3	10.3
40°-50°	9.1	3.1
50°-60°	3.1	1.1
60°-70°	2.1	0.7
70°-80°	1.2	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°	247.8	84.3
0°-40°	278.1	94.6
0°-60°	290.3	98.7
0°-90°	294.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	294.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	676	
5°	647	59
15°	419	114
25°	159	75
35°	46	30
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	676.2
1°	675.1
2°	672.0
3°	665.9
4°	658.6
5°	647.4
6°	633.4
7°	617.8
8°	600.1
9°	580.0
10°	557.6
11°	532.7
12°	506.7
13°	477.7
14°	450.0
15°	418.9
17.5°	343.7
20°	272.7
22.5°	209.7
25°	159.1
27.5°	118.6
30°	87.3
32.5°	64.0
35°	46.1
37.5°	32.7
40°	22.9
42.5°	15.9
45°	10.9
47.5°	7.3
50°	4.8
52.5°	3.6
55°	3.4
57.5°	3.1
60°	2.8
62.5°	2.5
65°	2.0
67.5°	1.7
70°	1.7
72.5°	1.4
75°	1.1
77.5°	0.8
80°	0.8
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)