

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: P1259593

Luminaire Tested: P3AS09R359050DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259593
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: P3AS09R359050DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

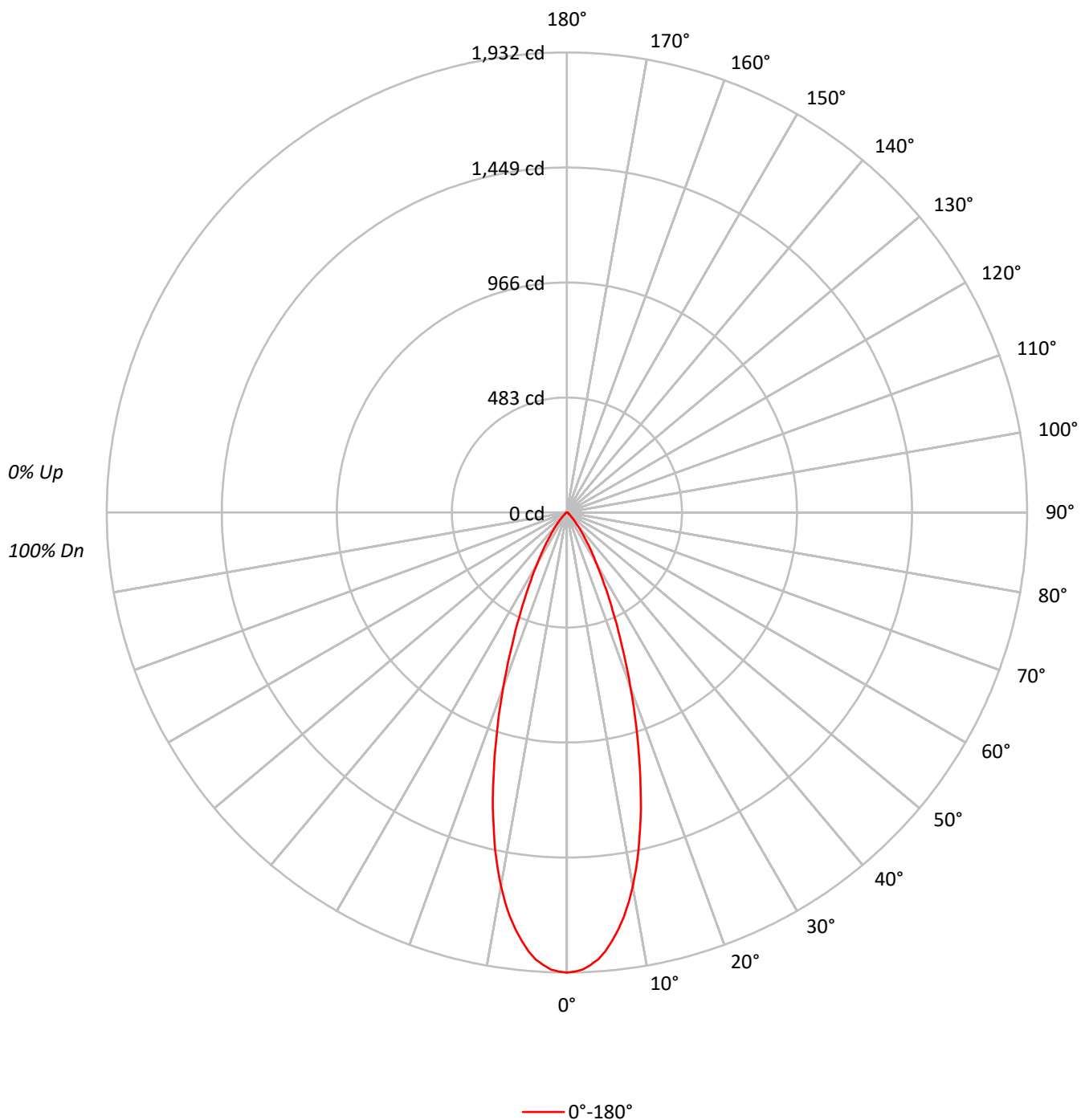
Lumens per Lamp: N/A
Luminaire Lumens: 840.0 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	68	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°	423650
5°	407153
10°	354770
15°	271716
20°	181782
25°	109990
30°	63124
35°	35282
40°	18749
45°	9675
50°	4640
55°	3670
60°	3508
65°	2906
70°	3077
75°	2711
80°	3031
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9675 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.3	20.0
10°-20°	326.1	38.8
20°-30°	213.5	25.4
30°-40°	86.6	10.3
40°-50°	26.0	3.1
50°-60°	8.8	1.1
60°-70°	5.9	0.7
70°-80°	3.5	0.4
80°-90°	1.2	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°	708.0	84.3
0°-40°	794.6	94.6
0°-60°	829.4	98.7
0°-90°	840.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	840.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1932	
5°	1850	168
15°	1197	326
25°	455	214
35°	132	87
45°	31	26
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1932.0
1°	1928.8
2°	1920.1
3°	1902.5
4°	1881.7
5°	1849.7
6°	1809.8
7°	1765.0
8°	1714.7
9°	1657.2
10°	1593.3
11°	1522.1
12°	1447.8
13°	1364.7
14°	1285.6
15°	1196.9
17.5°	982.0
20°	779.0
22.5°	599.3
25°	454.6
27.5°	338.8
30°	249.3
32.5°	183.0
35°	131.8
37.5°	93.5
40°	65.5
42.5°	45.5
45°	31.2
47.5°	20.8
50°	13.6
52.5°	10.4
55°	9.6
57.5°	8.8
60°	8.0
62.5°	7.2
65°	5.6
67.5°	4.8
70°	4.8
72.5°	4.0
75°	3.2
77.5°	2.4
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)