

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: P1254468

Luminaire Tested: P3AS09R659035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254468
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

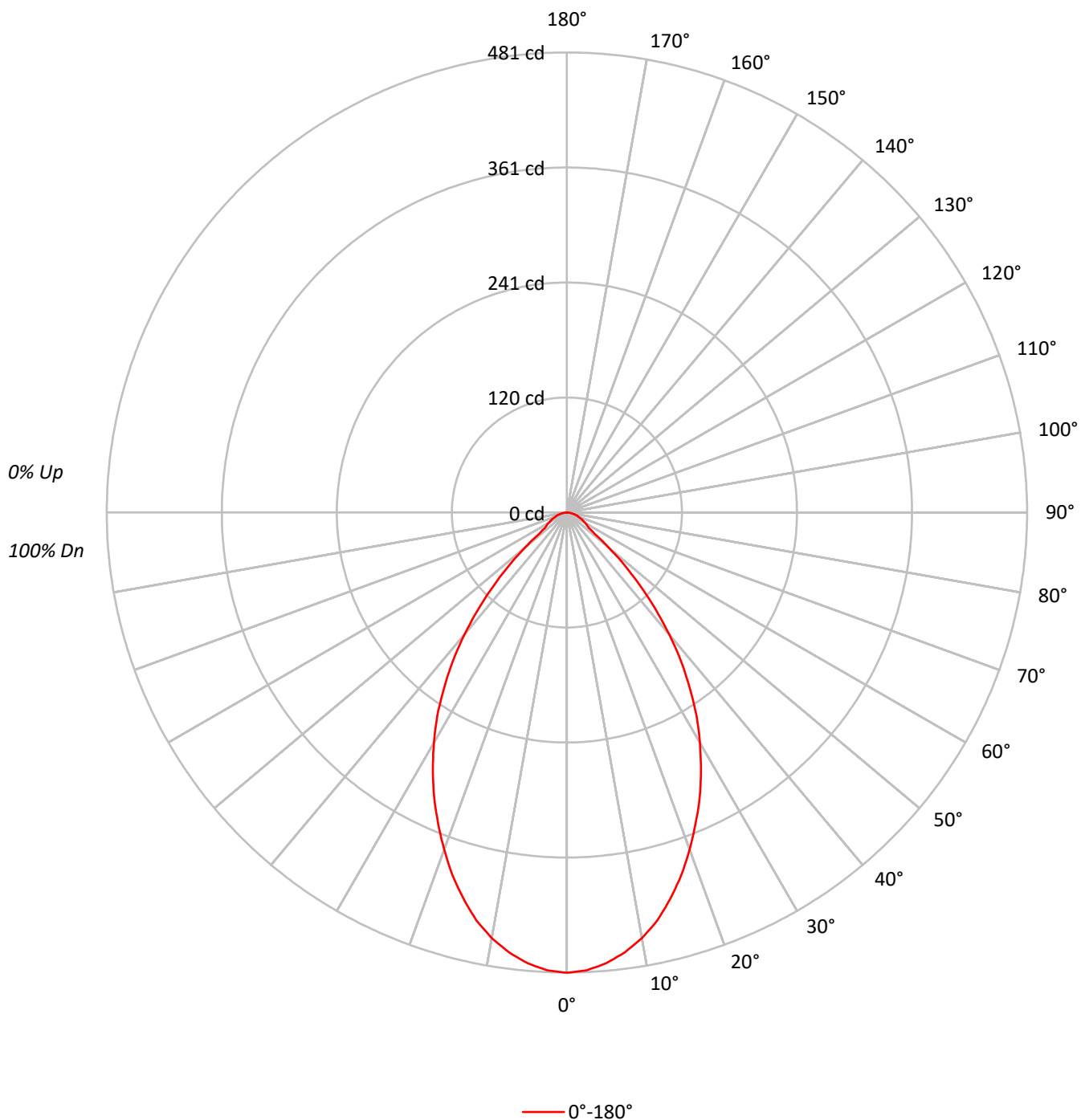
Lumens per Lamp: N/A
Luminaire Lumens: 593.0 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1254468

CATALOG NUMBER: P3AS09R659035DE010 E3DLD1H

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	105518
5°	104116
10°	100622
15°	94893
20°	87531
25°	79456
30°	70365
35°	59883
40°	47632
45°	33616
50°	19513
55°	10666
60°	9911
65°	8976
70°	8207
75°	7625
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33616 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	7.5
10°-20°	116.9	19.7
20°-30°	150.3	25.3
30°-40°	139.0	23.4
40°-50°	83.9	14.2
50°-60°	28.6	4.8
60°-70°	17.2	2.9
70°-80°	9.7	1.6
80°-90°	2.8	0.5
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°	311.7	52.6
0°-40°	450.7	76.0
0°-60°	563.3	95.0
0°-90°	593.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	593.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	481	
5°	473	44
15°	418	117
25°	328	150
35°	224	139
45°	108	84
55°	28	29
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	481.2
2.5°	479.0
5°	473.0
7.5°	463.9
10°	451.9
12.5°	436.8
15°	418.0
17.5°	397.6
20°	375.1
22.5°	351.7
25°	328.4
27.5°	303.5
30°	277.9
32.5°	252.3
35°	223.7
37.5°	195.8
40°	166.4
42.5°	137.1
45°	108.4
47.5°	82.1
50°	57.2
52.5°	36.1
55°	27.9
57.5°	24.9
60°	22.6
62.5°	19.6
65°	17.3
67.5°	15.1
70°	12.8
72.5°	11.3
75°	9.0
77.5°	7.5
80°	5.3
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)