

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: P1275893

Luminaire Tested: P3AS09R559835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275893
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

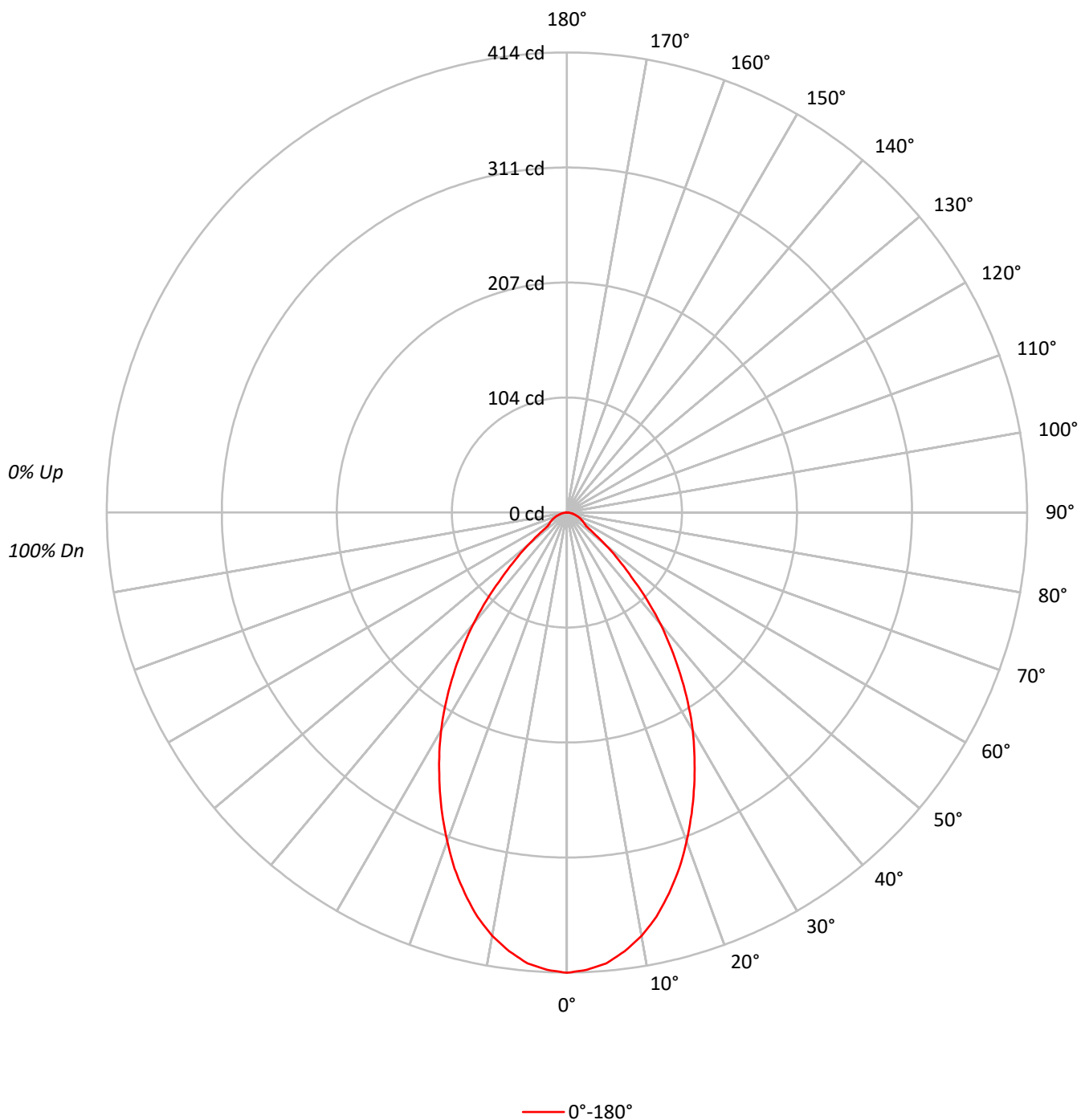
Lumens per Lamp: N/A
Luminaire Lumens: 483.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90826
5°	89654
10°	86126
15°	80545
20°	73483
25°	65568
30°	57351
35°	47649
40°	37556
45°	25460
50°	15556
55°	8067
60°	7499
65°	7108
70°	6604
75°	5761
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25460 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	7.9
10°-20°	99.2	20.5
20°-30°	124.2	25.7
30°-40°	110.9	23.0
40°-50°	64.9	13.4
50°-60°	22.4	4.6
60°-70°	13.6	2.8
70°-80°	7.5	1.6
80°-90°	2.2	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°	261.6	54.2
0°-40°	372.4	77.1
0°-60°	459.8	95.2
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	414	
5°	407	38
15°	355	99
25°	271	124
35°	178	111
45°	82	65
55°	21	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	414.2
2.5°	411.9
5°	407.3
7.5°	398.2
10°	386.8
12.5°	372.5
15°	354.8
17.5°	336.0
20°	314.9
22.5°	293.2
25°	271.0
27.5°	248.7
30°	226.5
32.5°	202.5
35°	178.0
37.5°	154.0
40°	131.2
42.5°	106.7
45°	82.1
47.5°	62.8
50°	45.6
52.5°	29.7
55°	21.1
57.5°	18.8
60°	17.1
62.5°	15.4
65°	13.7
67.5°	12.0
70°	10.3
72.5°	8.6
75°	6.8
77.5°	5.7
80°	4.6
82.5°	2.9
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)