

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: P1275814

Luminaire Tested: P3AS09R409835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275814
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

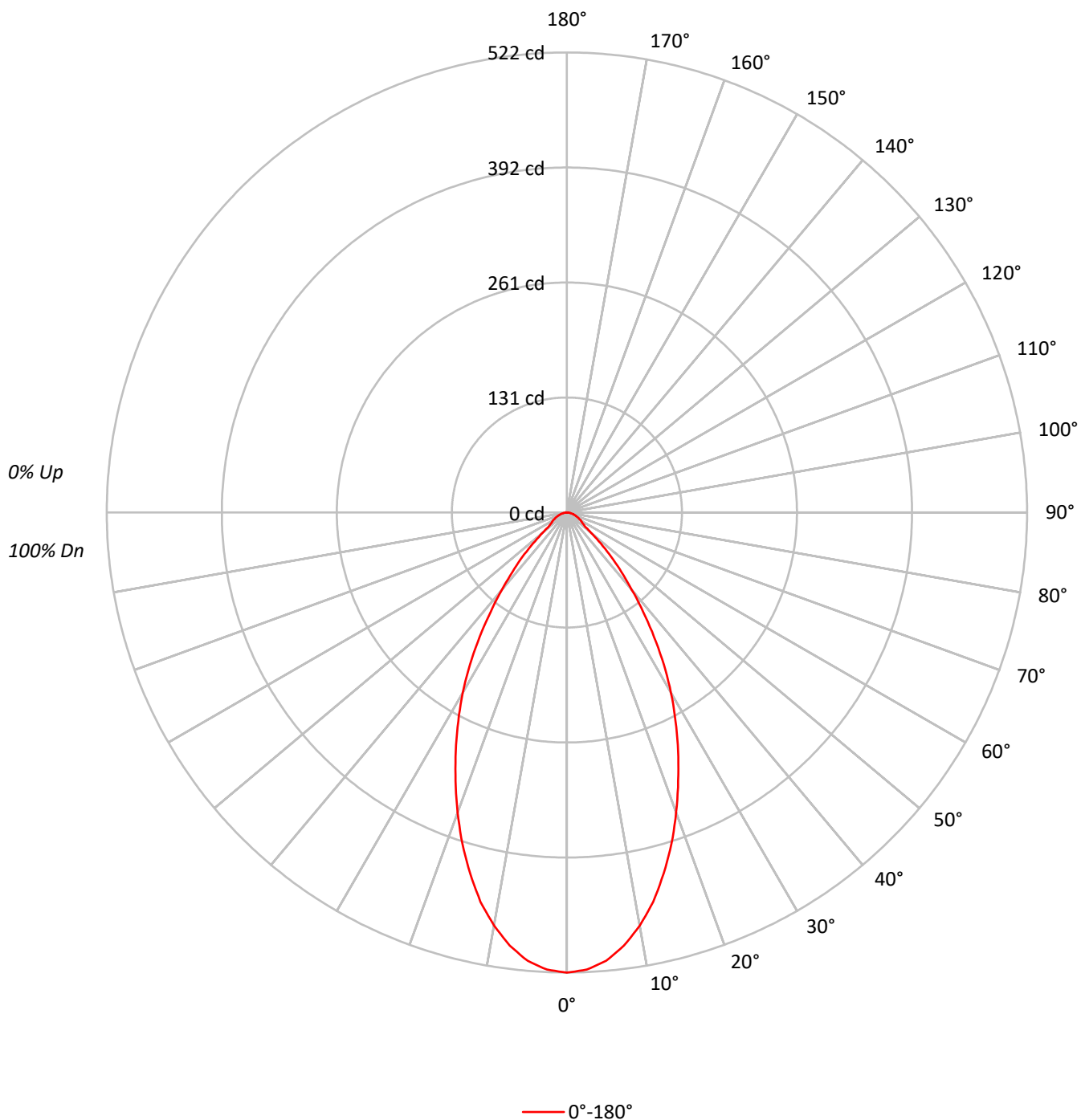
Lumens per Lamp: N/A
Luminaire Lumens: 510.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1275814

CATALOG NUMBER: P3AS09R409835DE010 E3DLD1WMH

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114486
5°	112414
10°	105966
15°	96232
20°	84544
25°	72198
30°	59807
35°	46123
40°	32833
45°	22111
50°	12076
55°	8525
60°	8026
65°	7420
70°	6604
75°	6270
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22111 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.6	9.3
10°-20°	118.1	23.2
20°-30°	136.5	26.8
30°-40°	107.6	21.1
40°-50°	55.2	10.8
50°-60°	21.1	4.1
60°-70°	14.0	2.7
70°-80°	7.6	1.5
80°-90°	2.2	0.4
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°	302.2	59.3
0°-40°	409.8	80.4
0°-60°	486.2	95.3
0°-90°	510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	510.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	511	48
15°	424	118
25°	298	137
35°	172	108
45°	71	55
55°	22	21
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	522.1
2.5°	519.2
5°	510.7
7.5°	495.8
10°	475.9
12.5°	452.5
15°	423.9
17.5°	394.3
20°	362.3
22.5°	329.8
25°	298.4
27.5°	267.0
30°	236.2
32.5°	204.8
35°	172.3
37.5°	142.1
40°	114.7
42.5°	91.3
45°	71.3
47.5°	51.9
50°	35.4
52.5°	25.7
55°	22.3
57.5°	20.0
60°	18.3
62.5°	16.0
65°	14.3
67.5°	12.0
70°	10.3
72.5°	8.6
75°	7.4
77.5°	5.7
80°	4.0
82.5°	3.4
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)