

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: P1248825

Luminaire Tested: P3AS09R259027DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248825
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259027DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

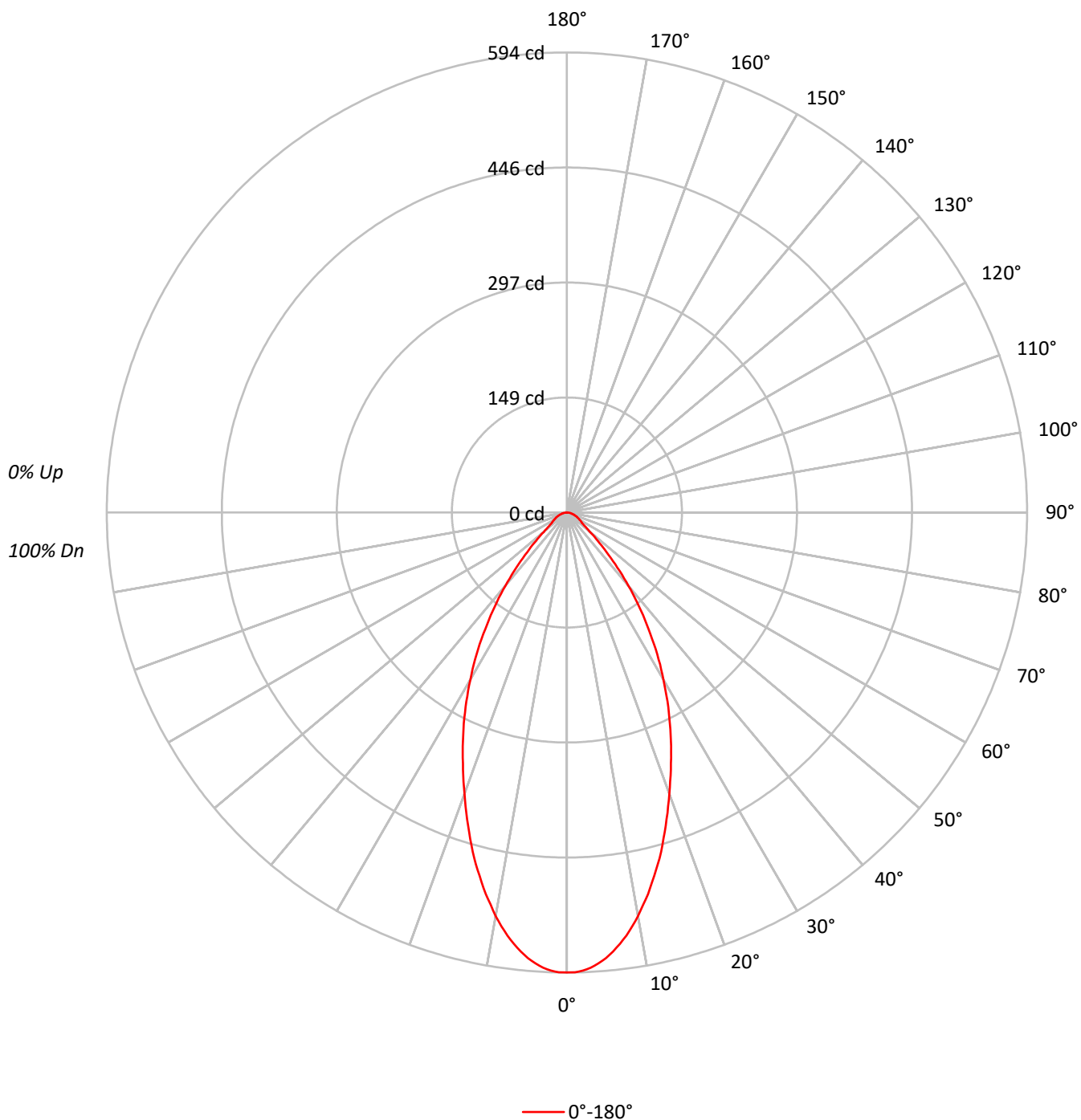
Lumens per Lamp: N/A
Luminaire Lumens: 548.0 lumens
Efficiency: N/A
Efficacy: 49.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248825

CATALOG NUMBER: P3AS09R259027DE010 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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130231
5°	127140
10°	117811
15°	104927
20°	90168
25°	76650
30°	63098
35°	49148
40°	35381
45°	22452
50°	13270
55°	9137
60°	8377
65°	7783
70°	6988
75°	6354
80°	6061
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22452 cd/sqm

TEST NUMBER: P1248825

CATALOG NUMBER: P3AS09R259027DE010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	9.8
10°-20°	128.3	23.4
20°-30°	145.0	26.5
30°-40°	114.7	20.9
40°-50°	57.9	10.6
50°-60°	23.2	4.2
60°-70°	14.9	2.7
70°-80°	8.2	1.5
80°-90°	2.3	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°	326.8	59.6
0°-40°	441.5	80.6
0°-60°	522.6	95.4
0°-90°	548.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	548.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	594	
5°	578	54
15°	462	128
25°	317	145
35°	184	115
45°	72	58
55°	24	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	593.9
1°	593.9
2°	591.9
3°	588.5
4°	583.7
5°	577.6
6°	570.0
7°	561.2
8°	551.6
9°	540.7
10°	529.1
11°	516.1
12°	503.8
13°	489.5
14°	475.8
15°	462.2
17.5°	424.0
20°	386.4
22.5°	350.9
25°	316.8
27.5°	283.3
30°	249.2
32.5°	217.1
35°	183.6
37.5°	152.9
40°	123.6
42.5°	96.3
45°	72.4
47.5°	53.9
50°	38.9
52.5°	29.4
55°	23.9
57.5°	21.8
60°	19.1
62.5°	17.1
65°	15.0
67.5°	13.0
70°	10.9
72.5°	9.6
75°	7.5
77.5°	6.1
80°	4.8
82.5°	3.4
85°	2.0
87.5°	0.7



TEST NUMBER: P1248825

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)