

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: P1286937

Luminaire Tested: P3AS09R559030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286937
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: P3AS09R559030D2WDE010 E3DLD1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

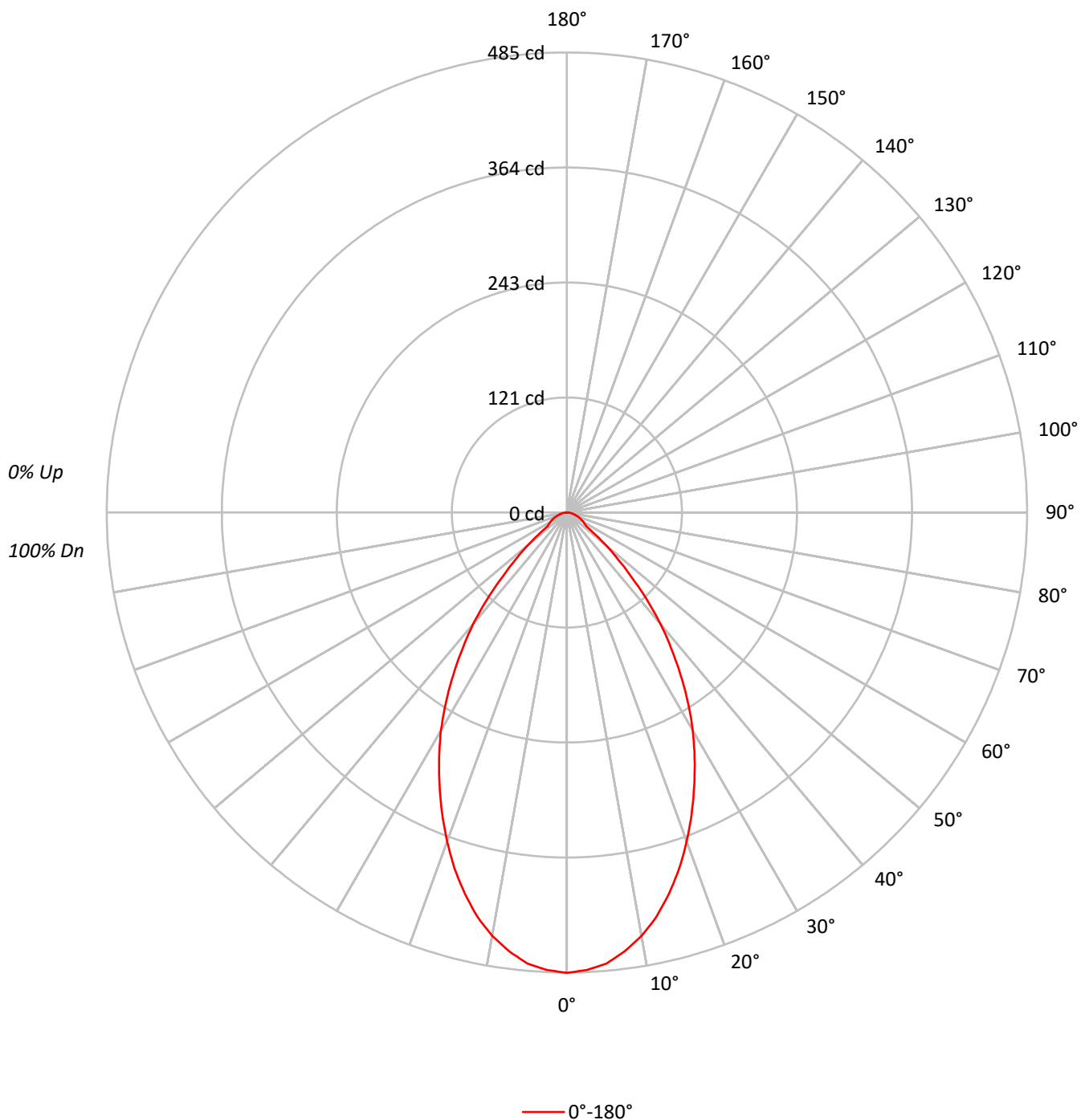
Lumens per Lamp: N/A
Luminaire Lumens: 565.9 lumens
Efficiency: N/A
Efficacy: 38.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	30	10	50	30	10	
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106417
5°	105062
10°	100911
15°	94393
20°	86107
25°	76819
30°	67200
35°	55841
40°	44025
45°	29864
50°	18251
55°	9443
60°	8815
65°	8302
70°	7694
75°	6778
80°	6693
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29864 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	7.9
10°-20°	116.2	20.5
20°-30°	145.5	25.7
30°-40°	129.9	23.0
40°-50°	76.1	13.4
50°-60°	26.3	4.6
60°-70°	15.8	2.8
70°-80°	8.8	1.6
80°-90°	2.5	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°	306.5	54.2
0°-40°	436.4	77.1
0°-60°	538.8	95.2
0°-90°	565.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	485	
5°	477	45
15°	416	116
25°	318	146
35°	209	130
45°	96	76
55°	25	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	485.3
2.5°	482.7
5°	477.3
7.5°	466.6
10°	453.2
12.5°	436.5
15°	415.8
17.5°	393.7
20°	369.0
22.5°	343.6
25°	317.5
27.5°	291.5
30°	265.4
32.5°	237.3
35°	208.6
37.5°	180.5
40°	153.8
42.5°	125.0
45°	96.3
47.5°	73.5
50°	53.5
52.5°	34.8
55°	24.7
57.5°	22.1
60°	20.1
62.5°	18.0
65°	16.0
67.5°	14.0
70°	12.0
72.5°	10.0
75°	8.0
77.5°	6.7
80°	5.3
82.5°	3.3
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)