

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: P1286854

Luminaire Tested: P3AS09R409030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286854
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: P3AS09R409030D2WDE010 E3DLD1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

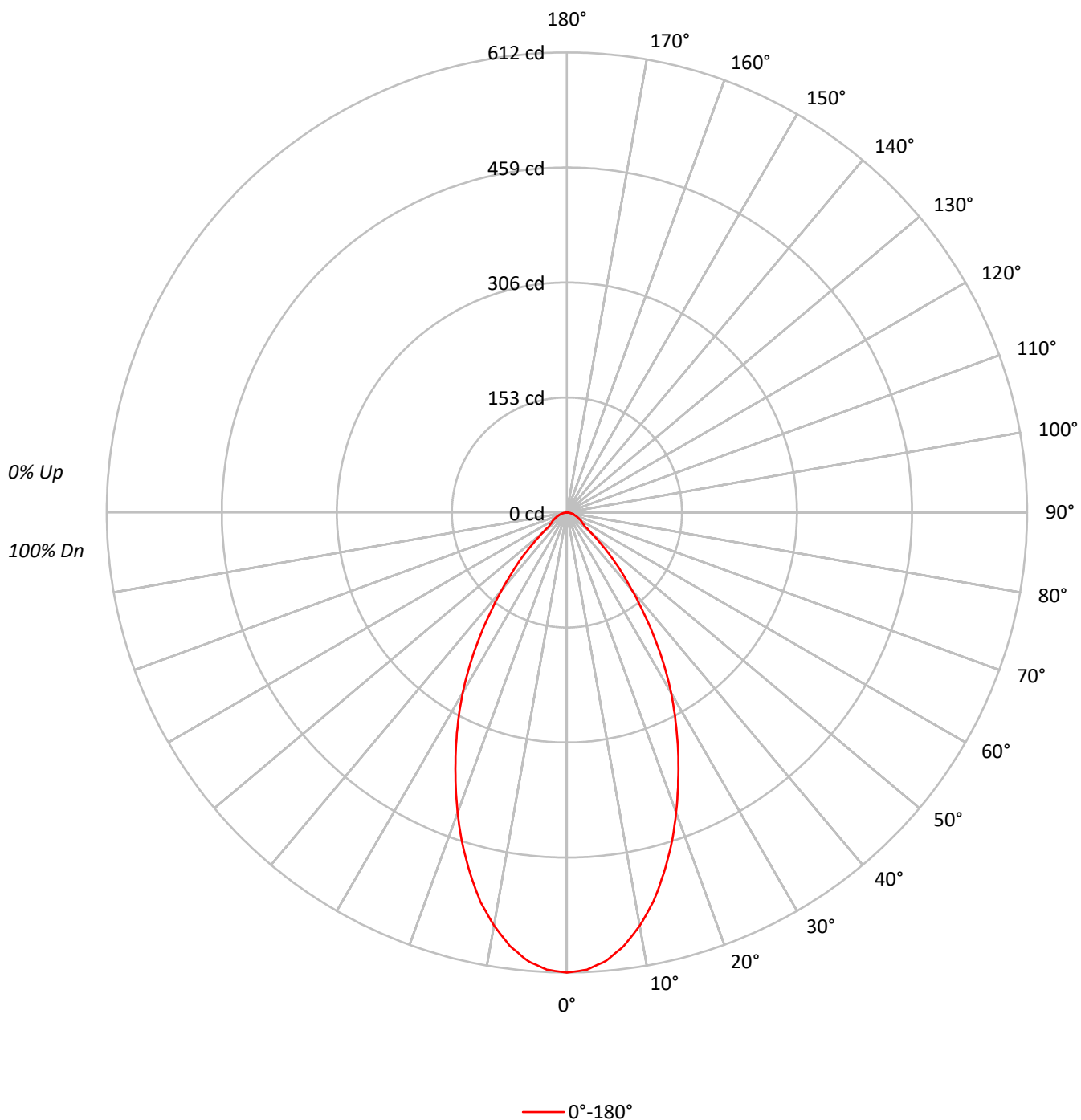
Lumens per Lamp: N/A
Luminaire Lumens: 597.9 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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	58	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°	134244
5°	131807
10°	124246
15°	112850
20°	99129
25°	84658
30°	70137
35°	54101
40°	38501
45°	25925
50°	14157
55°	9978
60°	9385
65°	8665
70°	7694
75°	7371
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25925 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.8	9.3
10°-20°	138.5	23.2
20°-30°	160.1	26.8
30°-40°	126.2	21.1
40°-50°	64.8	10.8
50°-60°	24.8	4.1
60°-70°	16.3	2.7
70°-80°	8.9	1.5
80°-90°	2.6	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°	354.4	59.3
0°-40°	480.6	80.4
0°-60°	570.1	95.3
0°-90°	597.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	612	
5°	599	56
15°	497	138
25°	350	160
35°	202	126
45°	84	65
55°	26	25
65°	17	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	612.2
2.5°	608.8
5°	598.8
7.5°	581.4
10°	558.0
12.5°	530.6
15°	497.1
17.5°	462.3
20°	424.8
22.5°	386.7
25°	349.9
27.5°	313.1
30°	277.0
32.5°	240.2
35°	202.1
37.5°	166.6
40°	134.5
42.5°	107.0
45°	83.6
47.5°	60.9
50°	41.5
52.5°	30.1
55°	26.1
57.5°	23.4
60°	21.4
62.5°	18.7
65°	16.7
67.5°	14.0
70°	12.0
72.5°	10.0
75°	8.7
77.5°	6.7
80°	4.7
82.5°	4.0
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)