

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: P1287197

Luminaire Tested: P3AS13R409030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287197
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: P3AS13R409030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

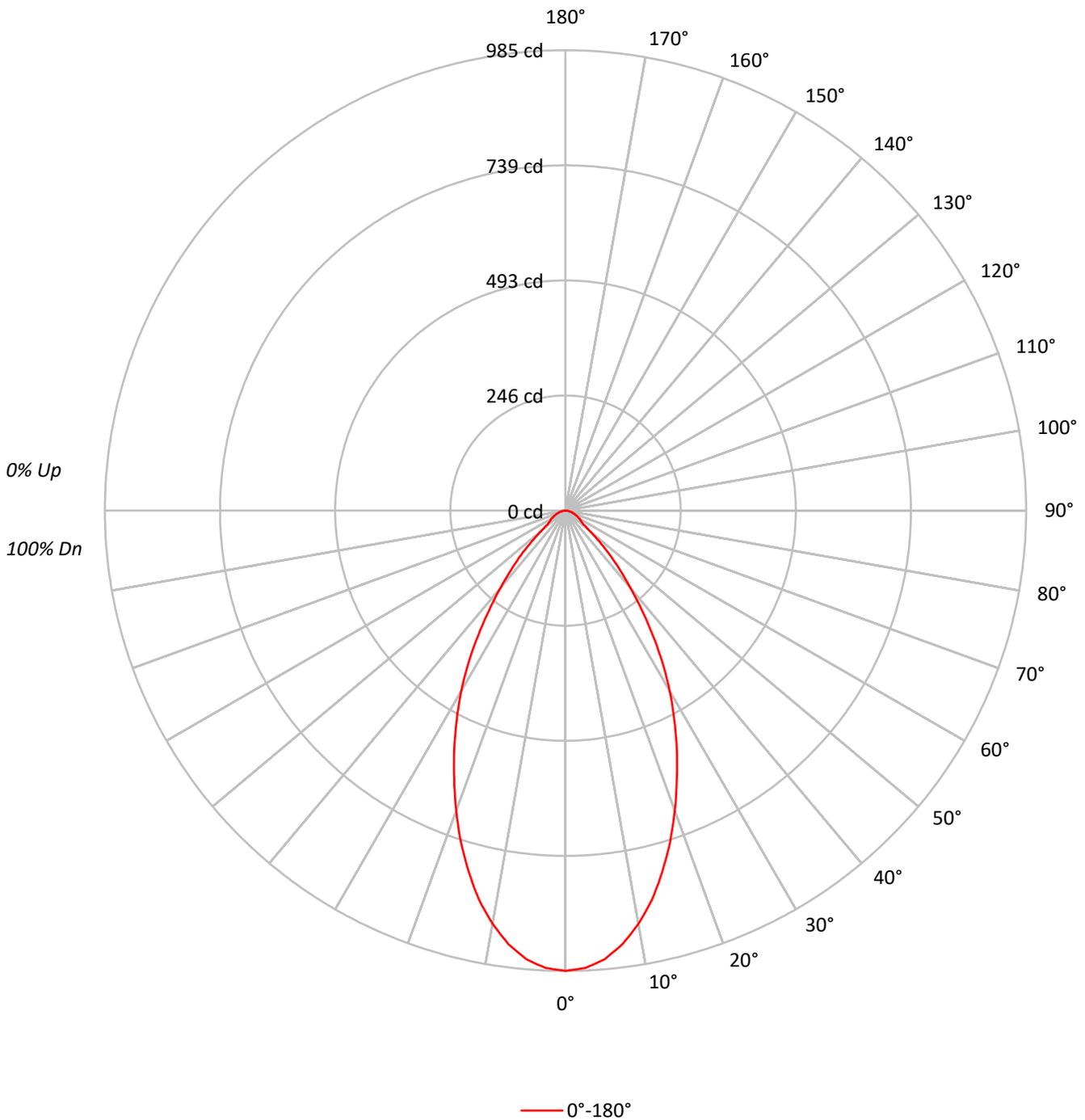
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 962.0 lumens
Efficiency: N/A
Efficacy: 47.9 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): 20.1
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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	215948
5°	212040
10°	199863
15°	181545
20°	159474
25°	136193
30°	112827
35°	87000
40°	61916
45°	41710
50°	22754
55°	16057
60°	15087
65°	13957
70°	12438
75°	11861
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41710 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.8	9.3
10°-20°	222.8	23.2
20°-30°	257.5	26.8
30°-40°	202.9	21.1
40°-50°	104.2	10.8
50°-60°	39.8	4.1
60°-70°	26.3	2.7
70°-80°	14.3	1.5
80°-90°	4.3	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°	570.1	59.3
0°-40°	773.1	80.4
0°-60°	917.0	95.3
0°-90°	962.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	962.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	985	
5°	963	90
15°	800	223
25°	563	258
35°	325	203
45°	134	104
55°	42	40
65°	27	26
75°	14	14
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	984.8
2.5°	979.4
5°	963.3
7.5°	935.3
10°	897.6
12.5°	853.5
15°	799.7
17.5°	743.7
20°	683.4
22.5°	622.1
25°	562.9
27.5°	503.7
30°	445.6
32.5°	386.4
35°	325.0
37.5°	268.0
40°	216.3
42.5°	172.2
45°	134.5
47.5°	97.9
50°	66.7
52.5°	48.4
55°	42.0
57.5°	37.7
60°	34.4
62.5°	30.1
65°	26.9
67.5°	22.6
70°	19.4
72.5°	16.1
75°	14.0
77.5°	10.8
80°	7.5
82.5°	6.5
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)