

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: P1259889

Luminaire Tested: P3AS13R159050DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

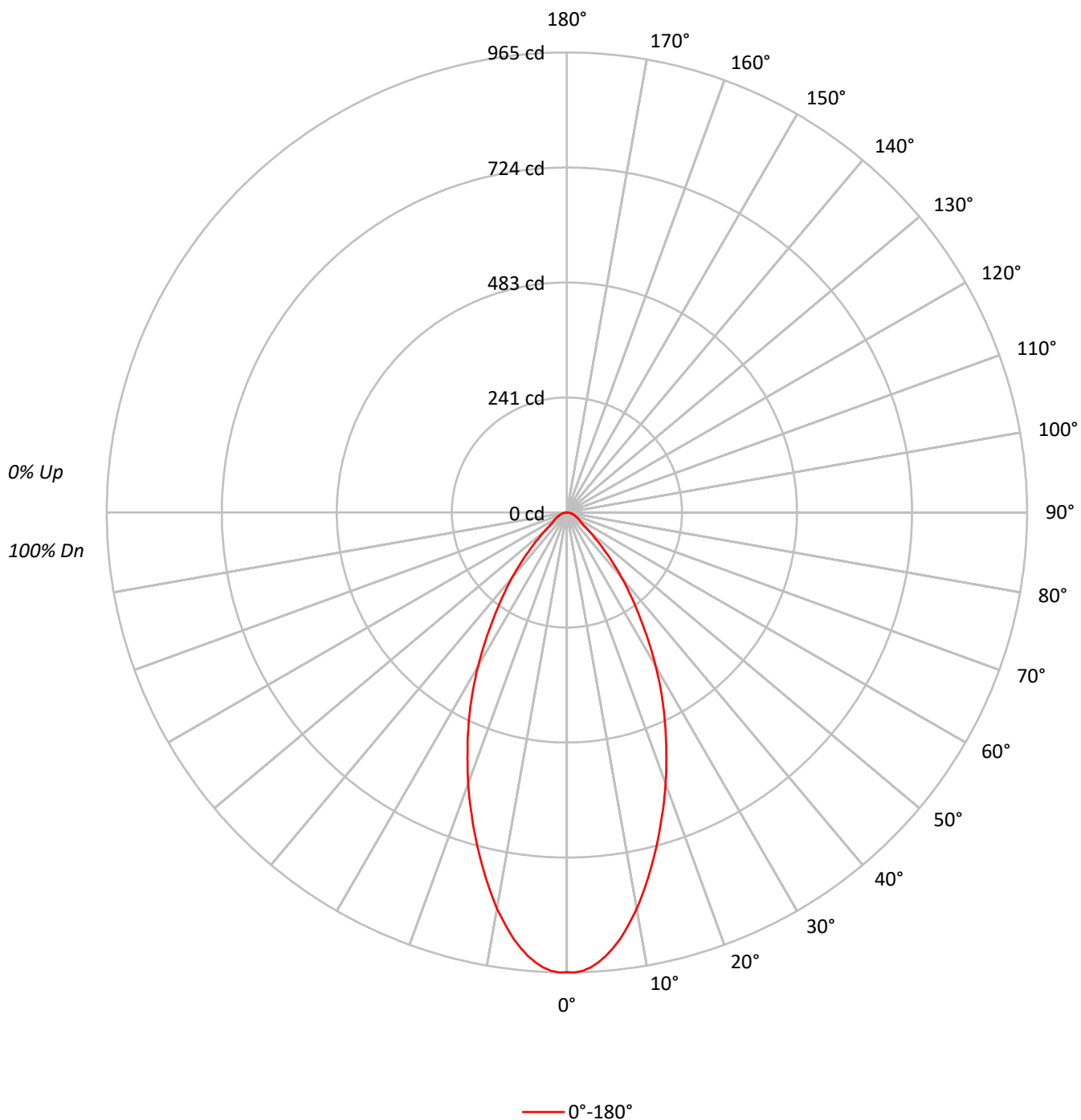
Lumens per Lamp: N/A
Luminaire Lumens: 838.1 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	211365
5°	205635
10°	187928
15°	164609
20°	141202
25°	117902
30°	94344
35°	70751
40°	51353
45°	33585
50°	21014
55°	14222
60°	12587
65°	11571
70°	10899
75°	9913
80°	9345
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33585 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	10.3
10°-20°	202.0	24.1
20°-30°	222.6	26.6
30°-40°	166.7	19.9
40°-50°	86.4	10.3
50°-60°	35.8	4.3
60°-70°	22.2	2.6
70°-80°	12.5	1.5
80°-90°	3.6	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°	510.8	61.0
0°-40°	677.5	80.8
0°-60°	799.8	95.4
0°-90°	838.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	838.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	964	
5°	934	86
15°	725	202
25°	487	223
35°	264	167
45°	108	86
55°	37	36
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	963.9
1°	965.0
2°	961.8
3°	955.5
4°	945.9
5°	934.2
6°	919.4
7°	903.4
8°	884.3
9°	864.2
10°	844.0
12.5°	785.6
15°	725.1
17.5°	664.6
20°	605.1
22.5°	544.6
25°	487.3
27.5°	430.0
30°	372.6
32.5°	316.4
35°	264.3
37.5°	219.8
40°	179.4
42.5°	142.3
45°	108.3
47.5°	81.7
50°	61.6
52.5°	45.6
55°	37.2
57.5°	32.9
60°	28.7
62.5°	25.5
65°	22.3
67.5°	19.1
70°	17.0
72.5°	13.8
75°	11.7
77.5°	9.6
80°	7.4
82.5°	5.3
85°	3.2
87.5°	1.1
90°	0.0

(END OF REPORT)