

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: P1267355

Luminaire Tested: P3A13R159735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267355
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: P3A13R159735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

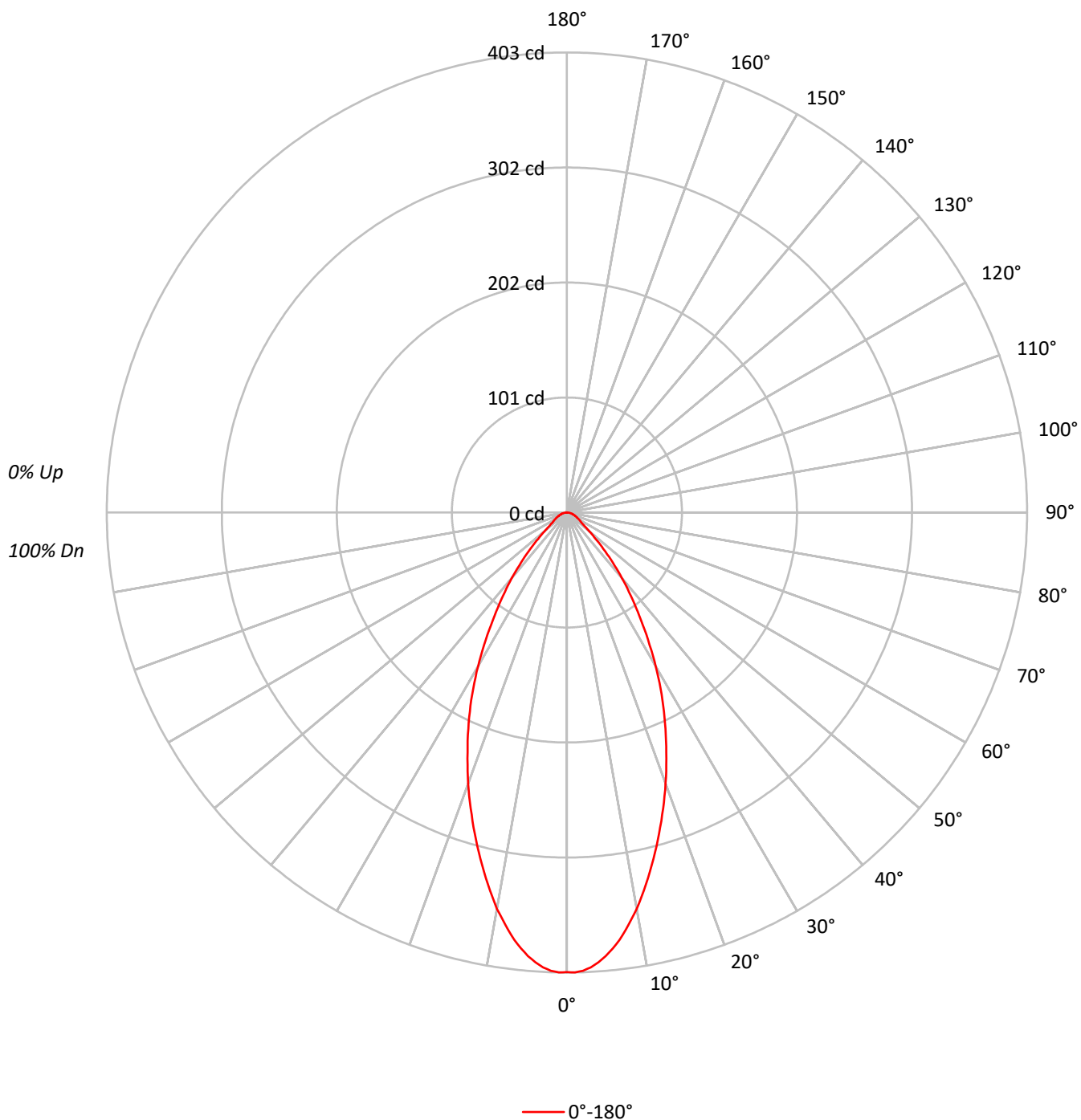
Lumens per Lamp: N/A
Luminaire Lumens: 350.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	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	71	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°	88282
5°	85890
10°	78489
15°	68740
20°	58968
25°	49237
30°	39398
35°	29553
40°	21440
45°	14017
50°	8767
55°	5926
60°	5263
65°	4825
70°	4552
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14017 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.0	10.3
10°-20°	84.4	24.1
20°-30°	93.0	26.6
30°-40°	69.6	19.9
40°-50°	36.1	10.3
50°-60°	15.0	4.3
60°-70°	9.3	2.6
70°-80°	5.2	1.5
80°-90°	1.5	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°	213.4	61.0
0°-40°	283.0	80.9
0°-60°	334.0	95.4
0°-90°	350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	350.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	403	
5°	390	36
15°	303	84
25°	204	93
35°	110	70
45°	45	36
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	402.6
1°	403.0
2°	401.7
3°	399.1
4°	395.1
5°	390.2
6°	384.0
7°	377.3
8°	369.3
9°	360.9
10°	352.5
12.5°	328.1
15°	302.8
17.5°	277.6
20°	252.7
22.5°	227.5
25°	203.5
27.5°	179.6
30°	155.6
32.5°	132.1
35°	110.4
37.5°	91.8
40°	74.9
42.5°	59.4
45°	45.2
47.5°	34.1
50°	25.7
52.5°	19.1
55°	15.5
57.5°	13.7
60°	12.0
62.5°	10.6
65°	9.3
67.5°	8.0
70°	7.1
72.5°	5.8
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)