

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: P1247038

Luminaire Tested: P3A13R559024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247038
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: P3A13R559024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

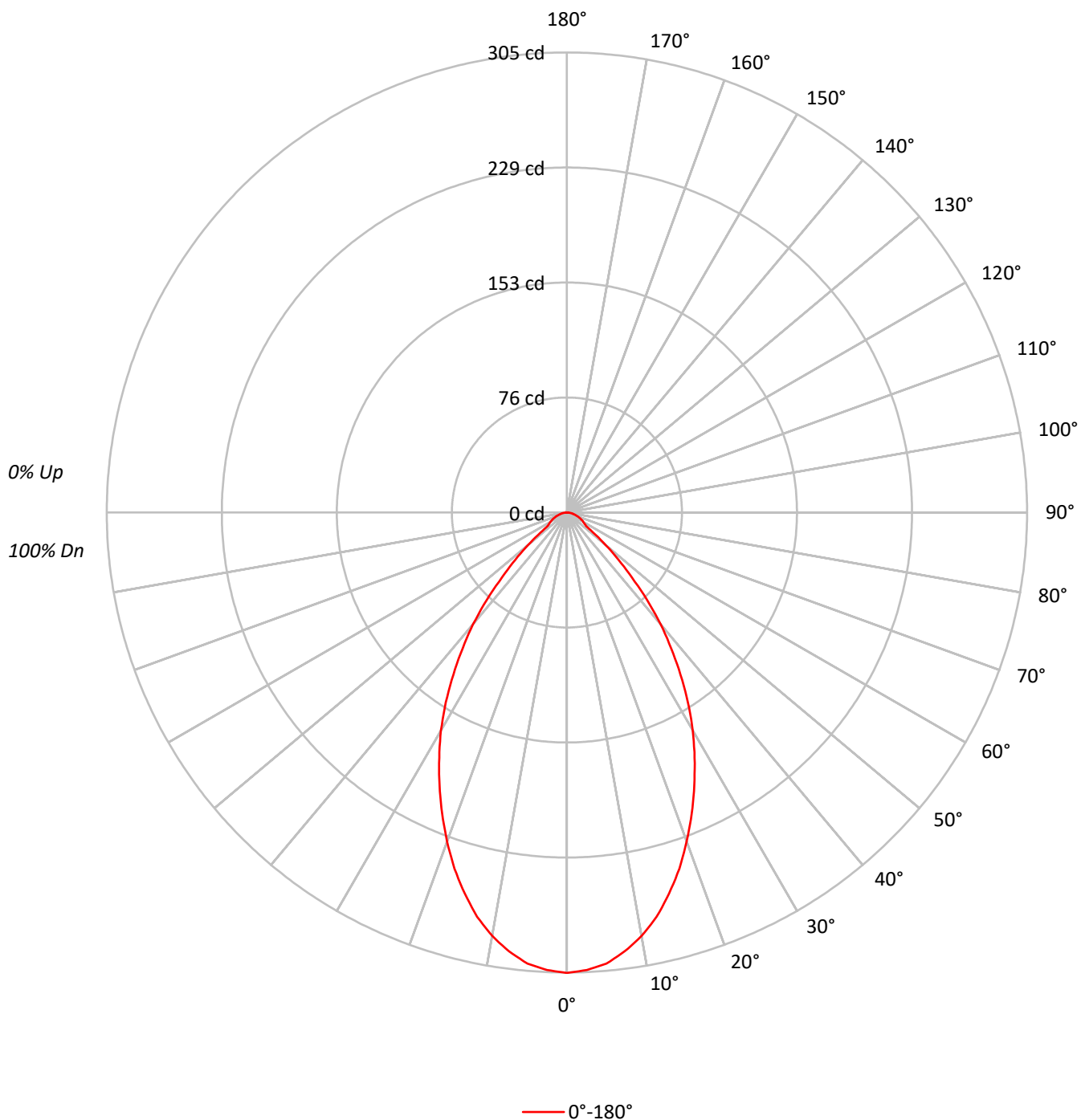
Lumens per Lamp: N/A
Luminaire Lumens: 356.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66946
5°	66080
10°	63481
15°	59365
20°	54161
25°	48317
30°	42260
35°	35121
40°	27680
45°	18762
50°	11462
55°	5964
60°	5526
65°	5241
70°	4873
75°	4236
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18762 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	7.9
10°-20°	73.1	20.5
20°-30°	91.5	25.7
30°-40°	81.7	23.0
40°-50°	47.8	13.4
50°-60°	16.5	4.6
60°-70°	10.0	2.8
70°-80°	5.5	1.6
80°-90°	1.6	0.5
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°	192.8	54.2
0°-40°	274.5	77.1
0°-60°	338.9	95.2
0°-90°	356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	305	
5°	300	28
15°	262	73
25°	200	92
35°	131	82
45°	60	48
55°	16	17
65°	10	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	305.3
2.5°	303.6
5°	300.2
7.5°	293.5
10°	285.1
12.5°	274.6
15°	261.5
17.5°	247.7
20°	232.1
22.5°	216.1
25°	199.7
27.5°	183.3
30°	166.9
32.5°	149.3
35°	131.2
37.5°	113.5
40°	96.7
42.5°	78.6
45°	60.5
47.5°	46.3
50°	33.6
52.5°	21.9
55°	15.6
57.5°	13.9
60°	12.6
62.5°	11.4
65°	10.1
67.5°	8.8
70°	7.6
72.5°	6.3
75°	5.0
77.5°	4.2
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)