

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: P1246307

Luminaire Tested: P3A05R659024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246307
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R659024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

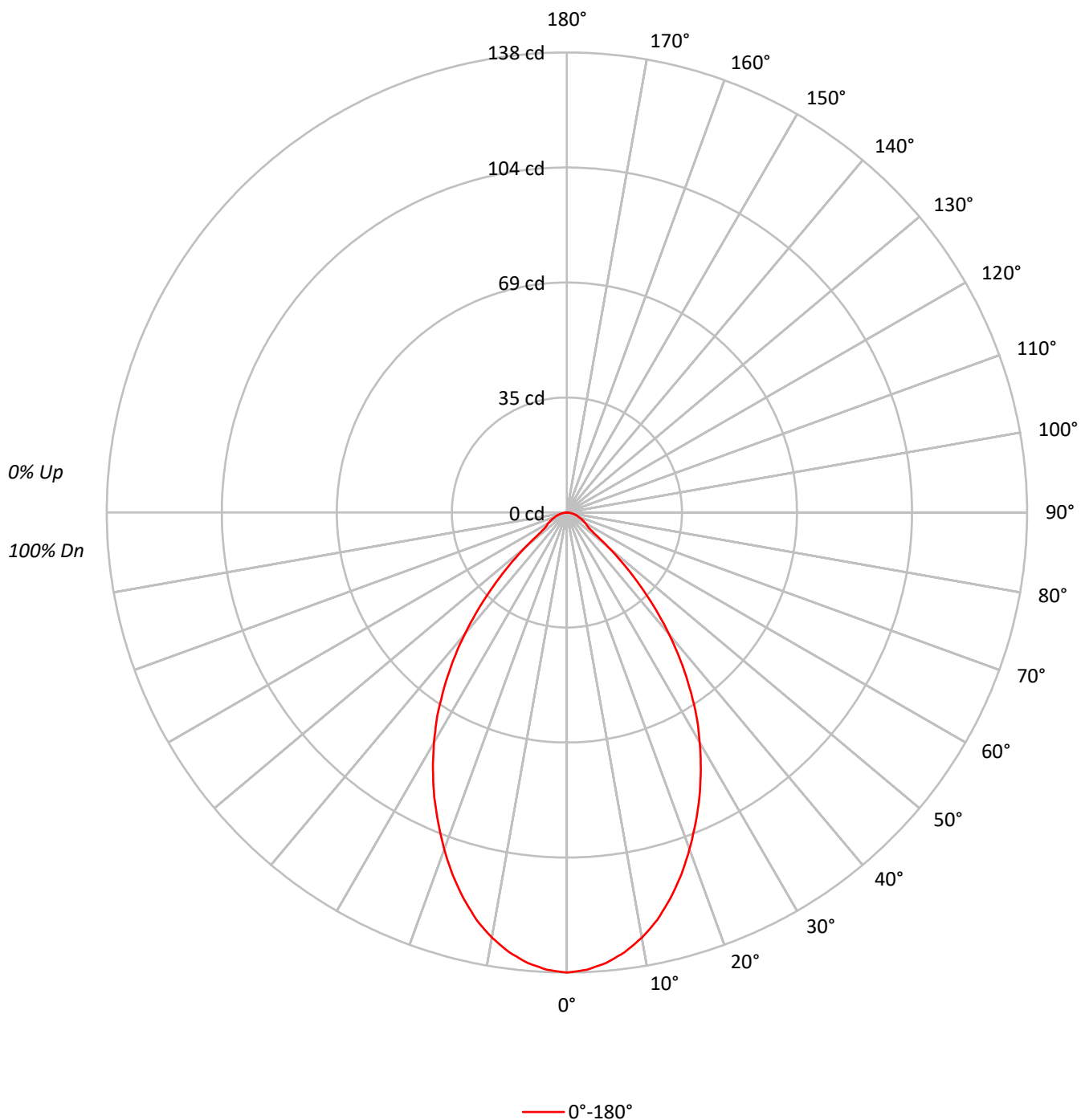
Lumens per Lamp: N/A
Luminaire Lumens: 170.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	30261
5°	29848
10°	28835
15°	27197
20°	25086
25°	22767
30°	20180
35°	17159
40°	13654
45°	9644
50°	5595
55°	3058
60°	2851
65°	2594
70°	2372
75°	2203
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	7.5
10°-20°	33.5	19.7
20°-30°	43.1	25.3
30°-40°	39.8	23.4
40°-50°	24.1	14.2
50°-60°	8.2	4.8
60°-70°	4.9	2.9
70°-80°	2.8	1.6
80°-90°	0.8	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°	89.3	52.6
0°-40°	129.2	76.0
0°-60°	161.5	95.0
0°-90°	170.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	170.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	138	
5°	136	13
15°	120	34
25°	94	43
35°	64	40
45°	31	24
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	138.0
2.5°	137.3
5°	135.6
7.5°	133.0
10°	129.5
12.5°	125.2
15°	119.8
17.5°	114.0
20°	107.5
22.5°	100.8
25°	94.1
27.5°	87.0
30°	79.7
32.5°	72.3
35°	64.1
37.5°	56.1
40°	47.7
42.5°	39.3
45°	31.1
47.5°	23.5
50°	16.4
52.5°	10.4
55°	8.0
57.5°	7.1
60°	6.5
62.5°	5.6
65°	5.0
67.5°	4.3
70°	3.7
72.5°	3.2
75°	2.6
77.5°	2.2
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)