

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: P1246633

Luminaire Tested: P3A09R559024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246633
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R559024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

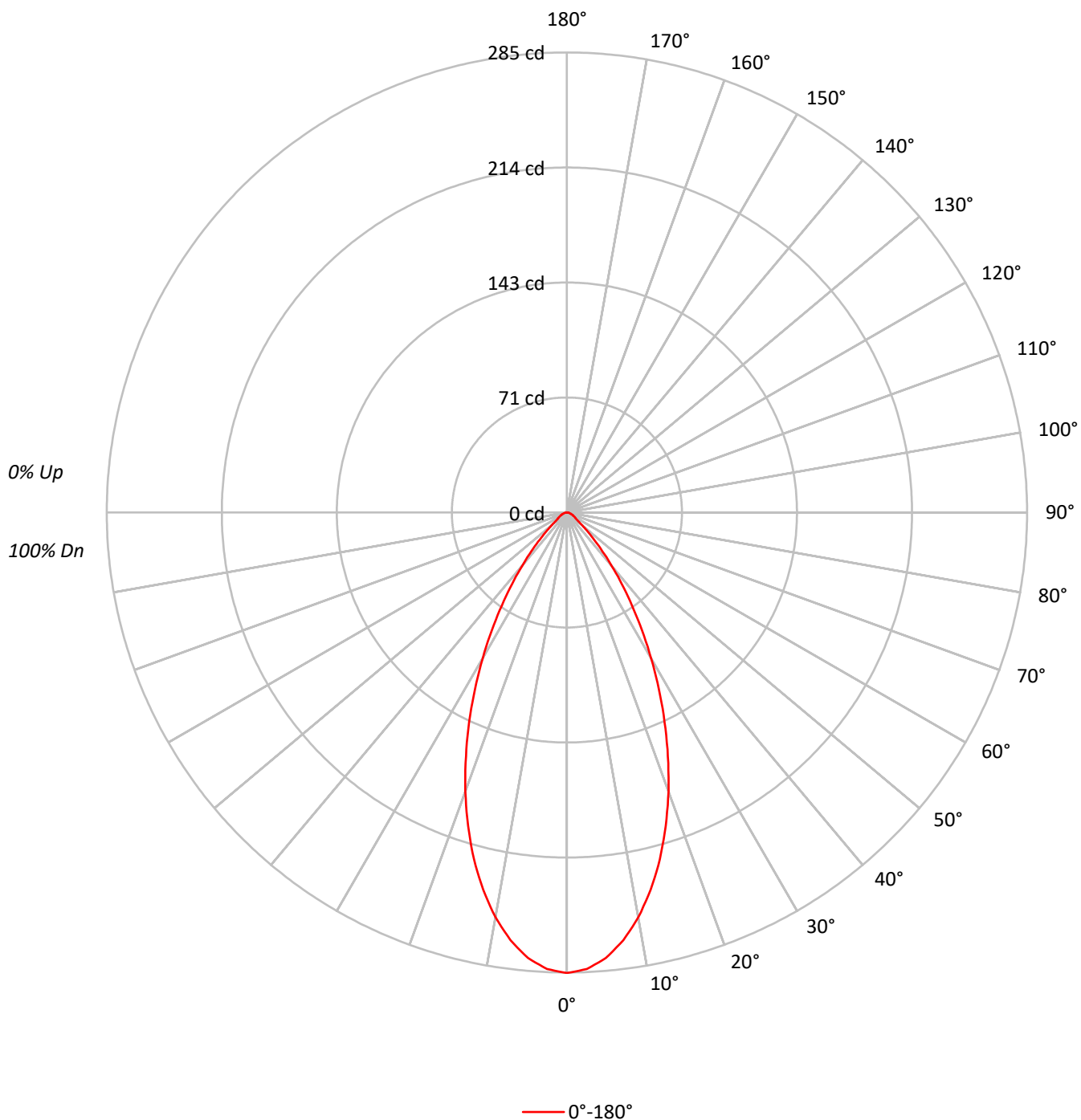
Lumens per Lamp: N/A
Luminaire Lumens: 230.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RC	80				70					30					10					0
RW	70	50	30	10	70	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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94			92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80			79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69			67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60			59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56			55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53			52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50			49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62561
5°	60995
10°	56712
15°	50488
20°	42914
25°	34623
30°	26409
35°	18765
40°	12395
45°	7350
50°	4298
55°	2676
60°	2368
65°	2127
70°	1795
75°	1610
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	11.2
10°-20°	61.7	26.8
20°-30°	65.3	28.4
30°-40°	44.1	19.2
40°-50°	19.3	8.4
50°-60°	6.9	3.0
60°-70°	4.1	1.8
70°-80°	2.1	0.9
80°-90°	0.7	0.3
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°	152.7	66.4
0°-40°	196.8	85.6
0°-60°	223.1	97.0
0°-90°	230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	285	
5°	277	26
15°	222	62
25°	143	65
35°	70	44
45°	24	19
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	285.3
2.5°	283.1
5°	277.1
7.5°	267.3
10°	254.7
12.5°	239.5
15°	222.4
17.5°	203.5
20°	183.9
22.5°	163.4
25°	143.1
27.5°	123.2
30°	104.3
32.5°	86.3
35°	70.1
37.5°	55.6
40°	43.3
42.5°	32.5
45°	23.7
47.5°	17.4
50°	12.6
52.5°	8.8
55°	7.0
57.5°	6.3
60°	5.4
62.5°	4.7
65°	4.1
67.5°	3.5
70°	2.8
72.5°	2.5
75°	1.9
77.5°	1.6
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)