

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: P1246214

Luminaire Tested: P3A05R509024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246214
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R509024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

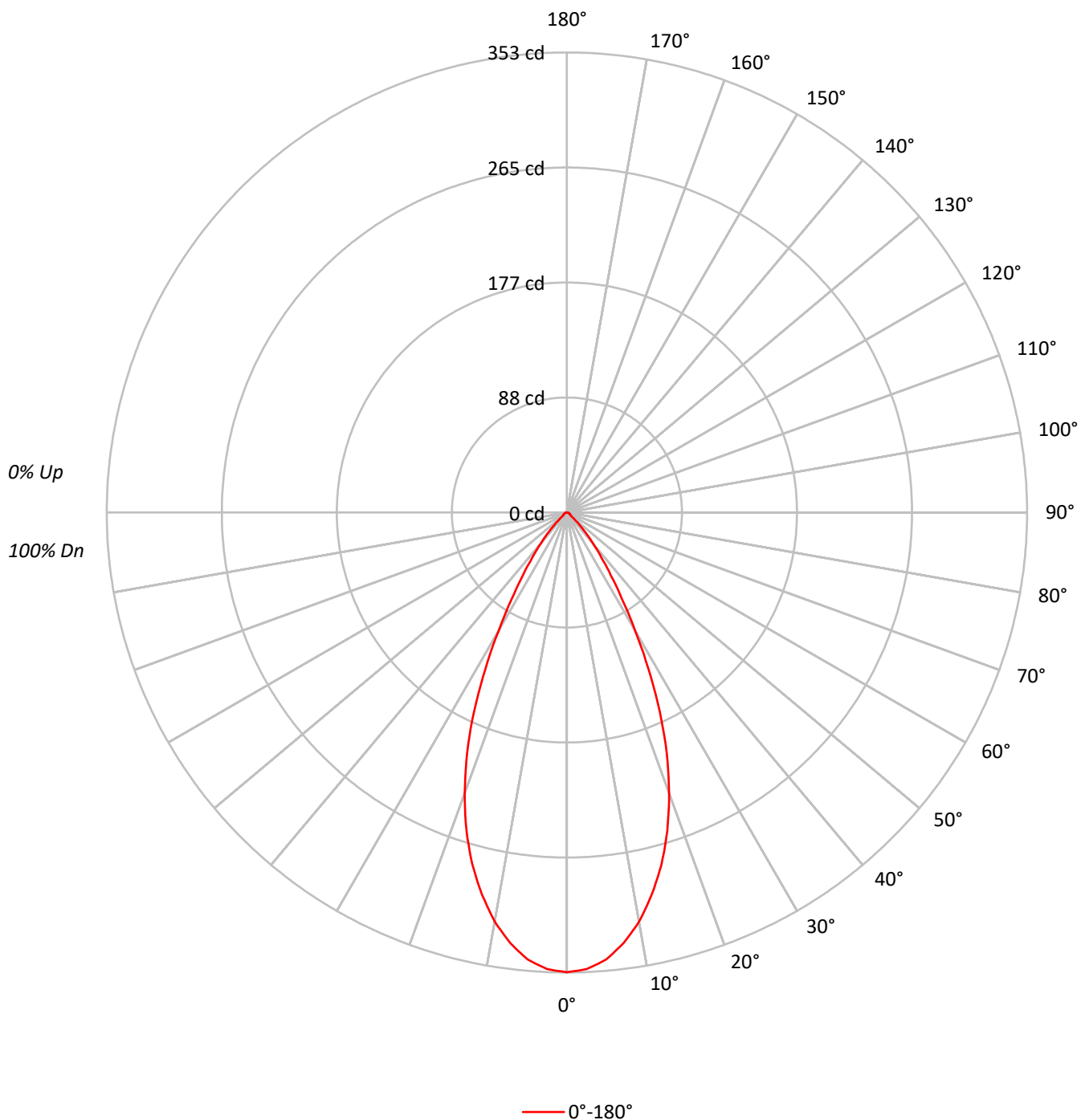
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 33.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	97	92	88		101	95	91	87		93	89	86		90	87	84		88	85	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	80	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	75	71		88	80	74	70		78	73	70		77	73	69		75	72	69
7	85	76	70	66		84	75	70	66		74	69	66		73	69	65		72	68	65
8	81	72	66	62		80	71	66	62		70	65	62		69	65	62		68	64	61
9	78	68	63	59		76	68	62	59		67	62	59		66	62	58		65	61	58
10	74	65	59	56		73	65	59	56		64	59	55		63	58	55		62	58	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77362
5°	75809
10°	71007
15°	63564
20°	53485
25°	40817
30°	26536
35°	15740
40°	9103
45°	4559
50°	1706
55°	1338
60°	1228
65°	1141
70°	1090
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	13.2
10°-20°	77.4	31.9
20°-30°	76.0	31.3
30°-40°	38.3	15.8
40°-50°	12.1	5.0
50°-60°	3.1	1.3
60°-70°	2.2	0.9
70°-80°	1.4	0.6
80°-90°	0.4	0.2
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°	185.4	76.3
0°-40°	223.7	92.1
0°-60°	239.0	98.3
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	344	32
15°	280	77
25°	169	76
35°	59	38
45°	15	12
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	352.8
2.5°	350.7
5°	344.4
7.5°	333.2
10°	318.9
12.5°	300.5
15°	280.0
17.5°	256.2
20°	229.2
22.5°	200.1
25°	168.7
27.5°	135.5
30°	104.8
32.5°	78.9
35°	58.8
37.5°	43.4
40°	31.8
42.5°	22.5
45°	14.7
47.5°	8.4
50°	5.0
52.5°	3.7
55°	3.5
57.5°	3.0
60°	2.8
62.5°	2.6
65°	2.2
67.5°	1.9
70°	1.7
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)