

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: P1266747

Luminaire Tested: P3A05R459735DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266747
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R459735DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

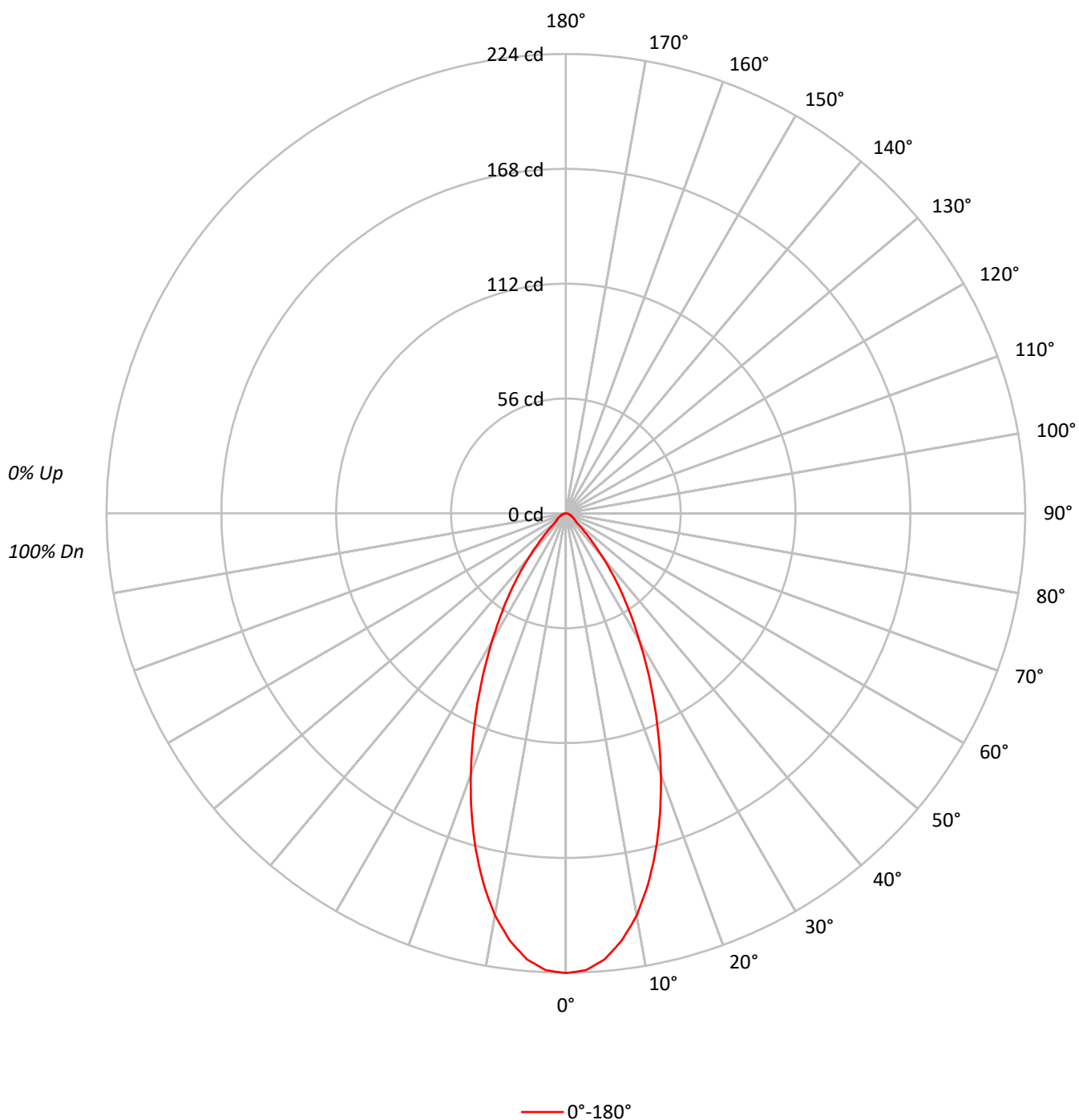
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49141
5°	48030
10°	44310
15°	38525
20°	31643
25°	24630
30°	18180
35°	12796
40°	7986
45°	4342
50°	2354
55°	2026
60°	1798
65°	1557
70°	1346
75°	1356
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4342 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	12.2
10°-20°	46.9	28.4
20°-30°	46.6	28.2
30°-40°	30.0	18.2
40°-50°	11.6	7.0
50°-60°	4.7	2.9
60°-70°	3.0	1.8
70°-80°	1.6	1.0
80°-90°	0.5	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°	113.7	68.9
0°-40°	143.7	87.1
0°-60°	159.9	96.9
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	224	
5°	218	20
15°	170	47
25°	102	47
35°	48	30
45°	14	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	224.1
2.5°	223.0
5°	218.2
7.5°	209.9
10°	199.0
12.5°	185.2
15°	169.7
17.5°	152.8
20°	135.6
22.5°	118.2
25°	101.8
27.5°	86.2
30°	71.8
32.5°	59.2
35°	47.8
37.5°	37.5
40°	27.9
42.5°	20.1
45°	14.0
47.5°	9.4
50°	6.9
52.5°	5.7
55°	5.3
57.5°	4.6
60°	4.1
62.5°	3.4
65°	3.0
67.5°	2.5
70°	2.1
72.5°	1.8
75°	1.6
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)