

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: P1266799

Luminaire Tested: P3A05R559735DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266799
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: P3A05R559735DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

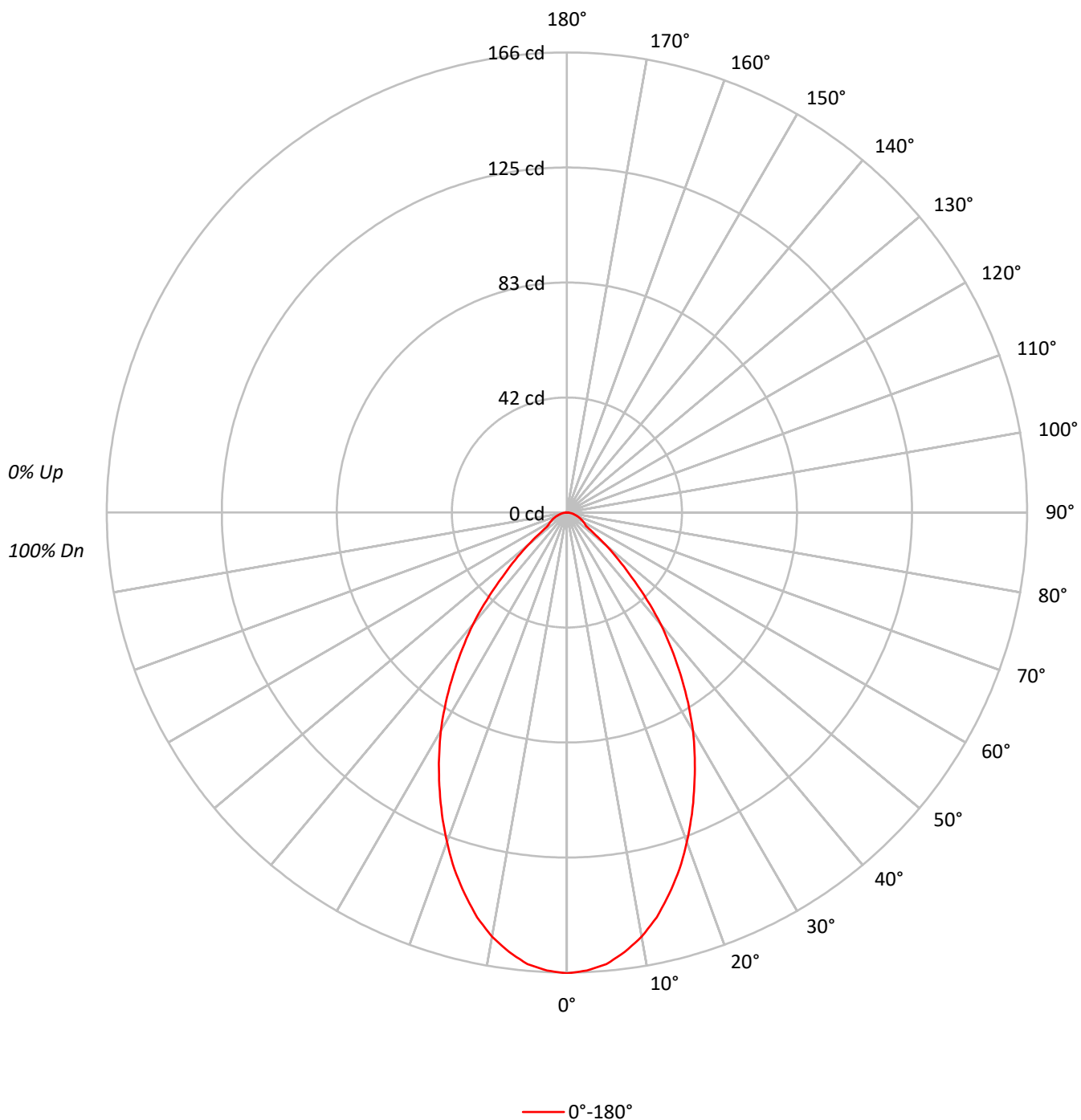
Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103		110	107	104	102		103	100	98		99	97	96		95	94	93
2	105	100	95	91		103	98	93	90		94	91	88		91	88	86		89	86	84
3	99	91	85	81		97	90	84	80		87	82	79		85	81	77		82	79	76
4	93	84	77	72		91	83	77	72		80	75	71		78	74	70		76	73	69
5	87	77	71	66		85	76	70	65		75	69	65		73	68	64		71	67	64
6	82	72	65	60		80	71	64	60		69	64	59		68	63	59		66	62	58
7	77	67	60	55		76	66	59	55		65	59	54		63	58	54		62	57	54
8	73	62	55	51		72	62	55	51		60	55	50		59	54	50		58	53	50
9	69	58	51	47		68	58	51	47		57	51	47		56	50	46		55	50	46
10	65	55	48	44		64	54	48	44		53	47	43		52	47	43		52	47	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36466
5°	36011
10°	34602
15°	32350
20°	29519
25°	26324
30°	23042
35°	19140
40°	15085
45°	10234
50°	6243
55°	3250
60°	3026
65°	2854
70°	2629
75°	2288
80°	2273
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10234 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	7.9
10°-20°	39.8	20.5
20°-30°	49.9	25.7
30°-40°	44.5	23.0
40°-50°	26.1	13.4
50°-60°	9.0	4.6
60°-70°	5.4	2.8
70°-80°	3.0	1.5
80°-90°	0.9	0.4
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°	105.1	54.2
0°-40°	149.6	77.1
0°-60°	184.7	95.2
0°-90°	194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	166	
5°	164	15
15°	142	40
25°	109	50
35°	72	45
45°	33	26
55°	8	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	166.3
2.5°	165.4
5°	163.6
7.5°	159.9
10°	155.4
12.5°	149.6
15°	142.5
17.5°	135.0
20°	126.5
22.5°	117.8
25°	108.8
27.5°	99.9
30°	91.0
32.5°	81.3
35°	71.5
37.5°	61.9
40°	52.7
42.5°	42.8
45°	33.0
47.5°	25.2
50°	18.3
52.5°	11.9
55°	8.5
57.5°	7.6
60°	6.9
62.5°	6.2
65°	5.5
67.5°	4.8
70°	4.1
72.5°	3.4
75°	2.7
77.5°	2.3
80°	1.8
82.5°	1.1
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)