

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: P1262018

Luminaire Tested: P3AS05R509727DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262018
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509727DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

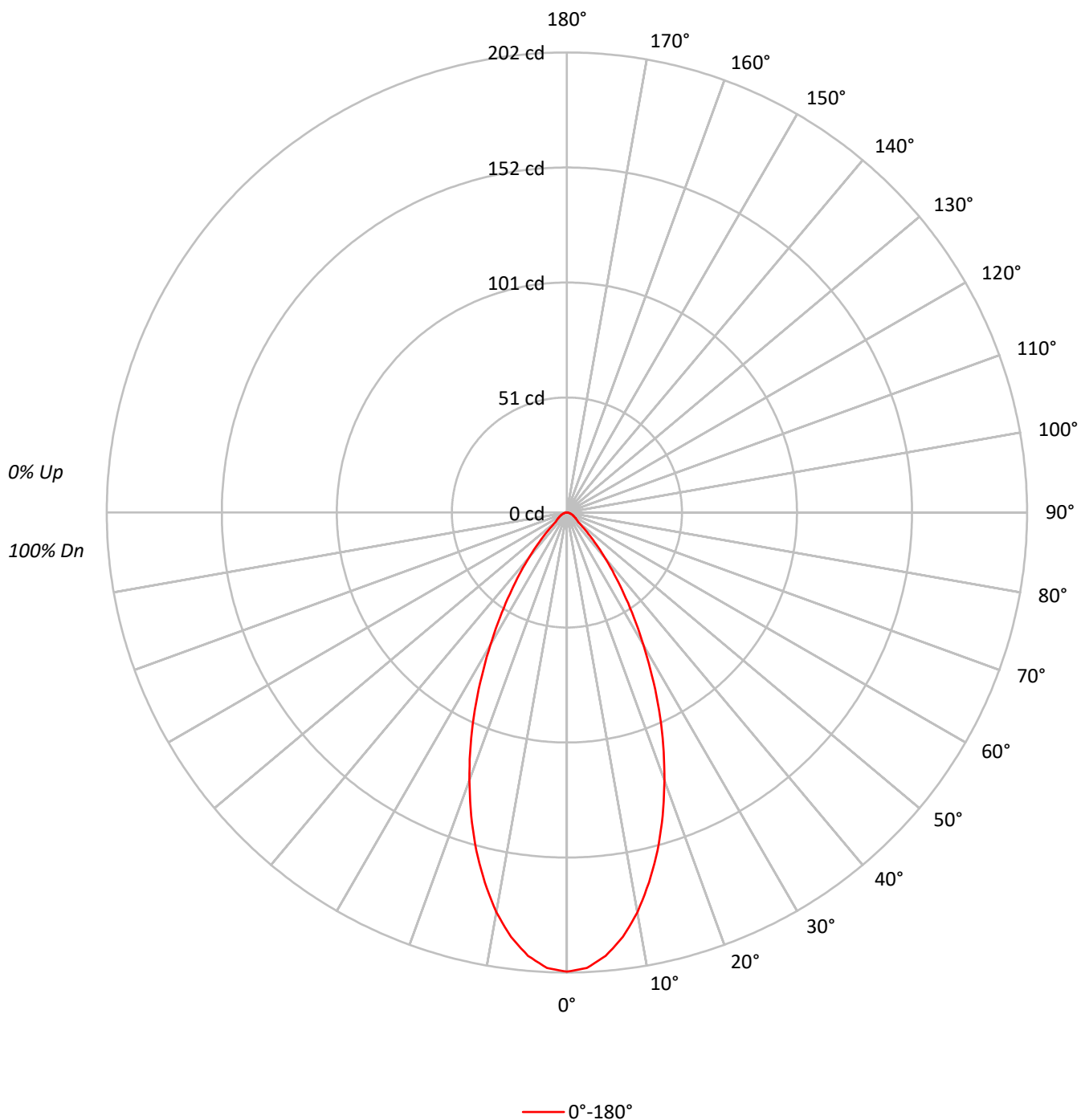
Lumens per Lamp: N/A
Luminaire Lumens: 152.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		79
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		73
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		68
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		64
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		60
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		56
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		53
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44207
5°	43011
10°	39679
15°	34892
20°	29193
25°	23155
30°	16990
35°	11671
40°	7414
45°	4155
50°	2252
55°	1873
60°	1623
65°	1505
70°	1346
75°	1186
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4155 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	11.9
10°-20°	42.6	28.0
20°-30°	43.5	28.6
30°-40°	27.6	18.2
40°-50°	11.0	7.2
50°-60°	4.5	2.9
60°-70°	2.9	1.9
70°-80°	1.4	0.9
80°-90°	0.4	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°	104.2	68.6
0°-40°	131.8	86.7
0°-60°	147.2	96.9
0°-90°	152.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	152.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	202	
5°	195	18
15°	154	43
25°	96	44
35°	44	28
45°	13	11
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	201.6
2.5°	200.2
5°	195.4
7.5°	188.0
10°	178.2
12.5°	166.4
15°	153.7
17.5°	139.7
20°	125.1
22.5°	110.5
25°	95.7
27.5°	80.8
30°	67.1
32.5°	54.7
35°	43.6
37.5°	34.1
40°	25.9
42.5°	19.1
45°	13.4
47.5°	9.1
50°	6.6
52.5°	5.6
55°	4.9
57.5°	4.3
60°	3.7
62.5°	3.3
65°	2.9
67.5°	2.5
70°	2.1
72.5°	1.6
75°	1.4
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)