

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: P1261905

Luminaire Tested: P3AS05R309727DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261905
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309727DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

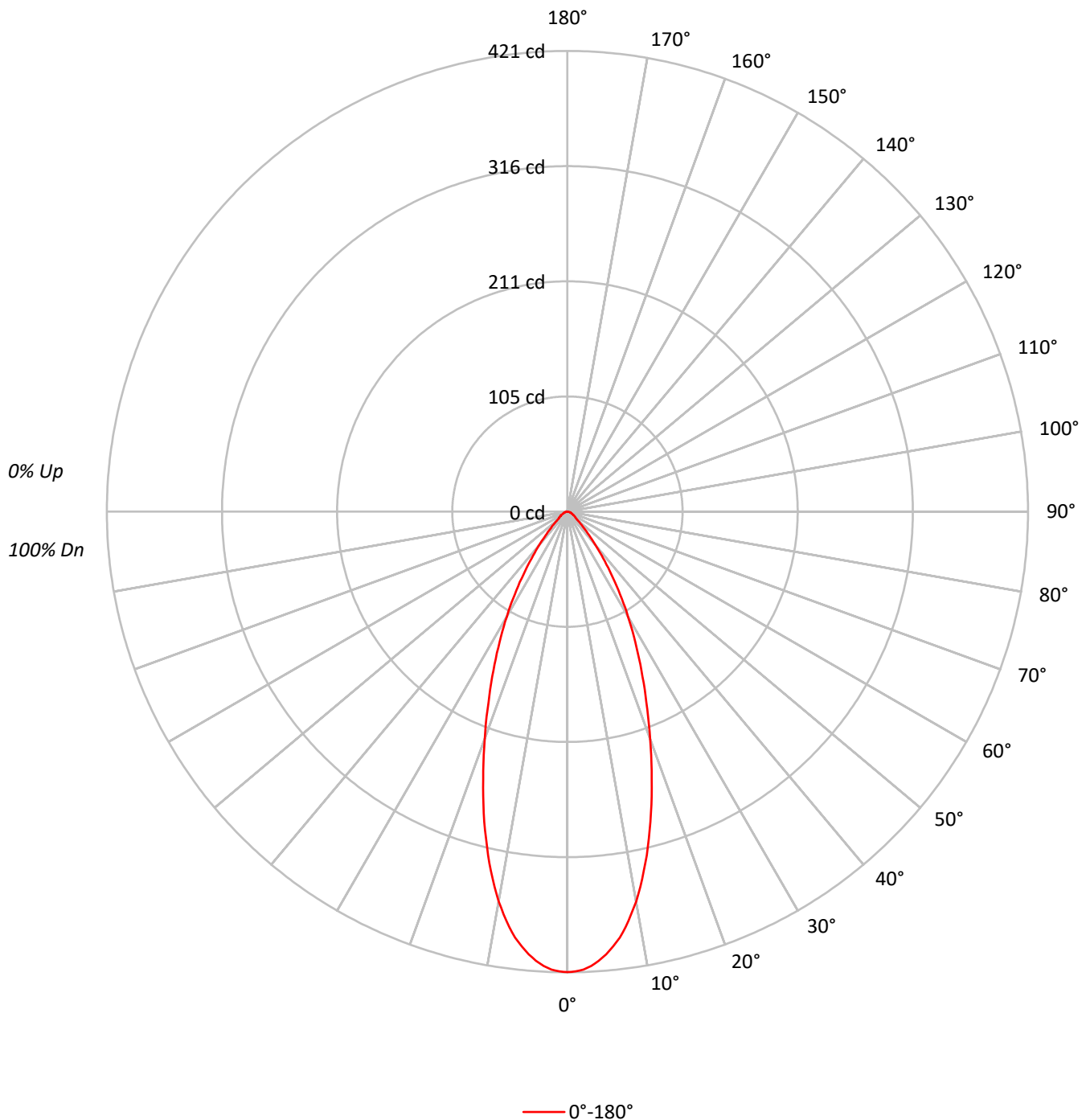
Lumens per Lamp: N/A
Luminaire Lumens: 269.9 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		68	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92273
5°	89390
10°	80537
15°	66629
20°	51594
25°	38688
30°	28080
35°	18712
40°	11507
45°	6760
50°	4128
55°	3364
60°	2938
65°	2387
70°	2116
75°	2118
80°	1642
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	13.8
10°-20°	80.8	29.9
20°-30°	73.5	27.2
30°-40°	44.5	16.5
40°-50°	17.8	6.6
50°-60°	7.9	2.9
60°-70°	4.7	1.8
70°-80°	2.6	1.0
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°	191.7	71.0
0°-40°	236.2	87.5
0°-60°	261.9	97.0
0°-90°	269.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	421	
5°	406	37
15°	294	81
25°	160	74
35°	70	44
45°	22	18
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	420.8
1°	420.3
2°	418.7
3°	415.7
4°	411.5
5°	406.1
6°	399.4
7°	392.3
8°	383.1
9°	372.6
10°	361.7
11°	349.2
12°	335.8
13°	322.4
14°	307.7
15°	293.5
17.5°	256.2
20°	221.1
22.5°	188.4
25°	159.9
27.5°	134.0
30°	110.9
32.5°	89.6
35°	69.9
37.5°	53.6
40°	40.2
42.5°	29.3
45°	21.8
47.5°	16.3
50°	12.1
52.5°	9.6
55°	8.8
57.5°	7.5
60°	6.7
62.5°	5.4
65°	4.6
67.5°	4.2
70°	3.3
72.5°	2.9
75°	2.5
77.5°	2.1
80°	1.3
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)