

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: P1271275

Luminaire Tested: P3AS05R309827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271275
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: P3AS05R309827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

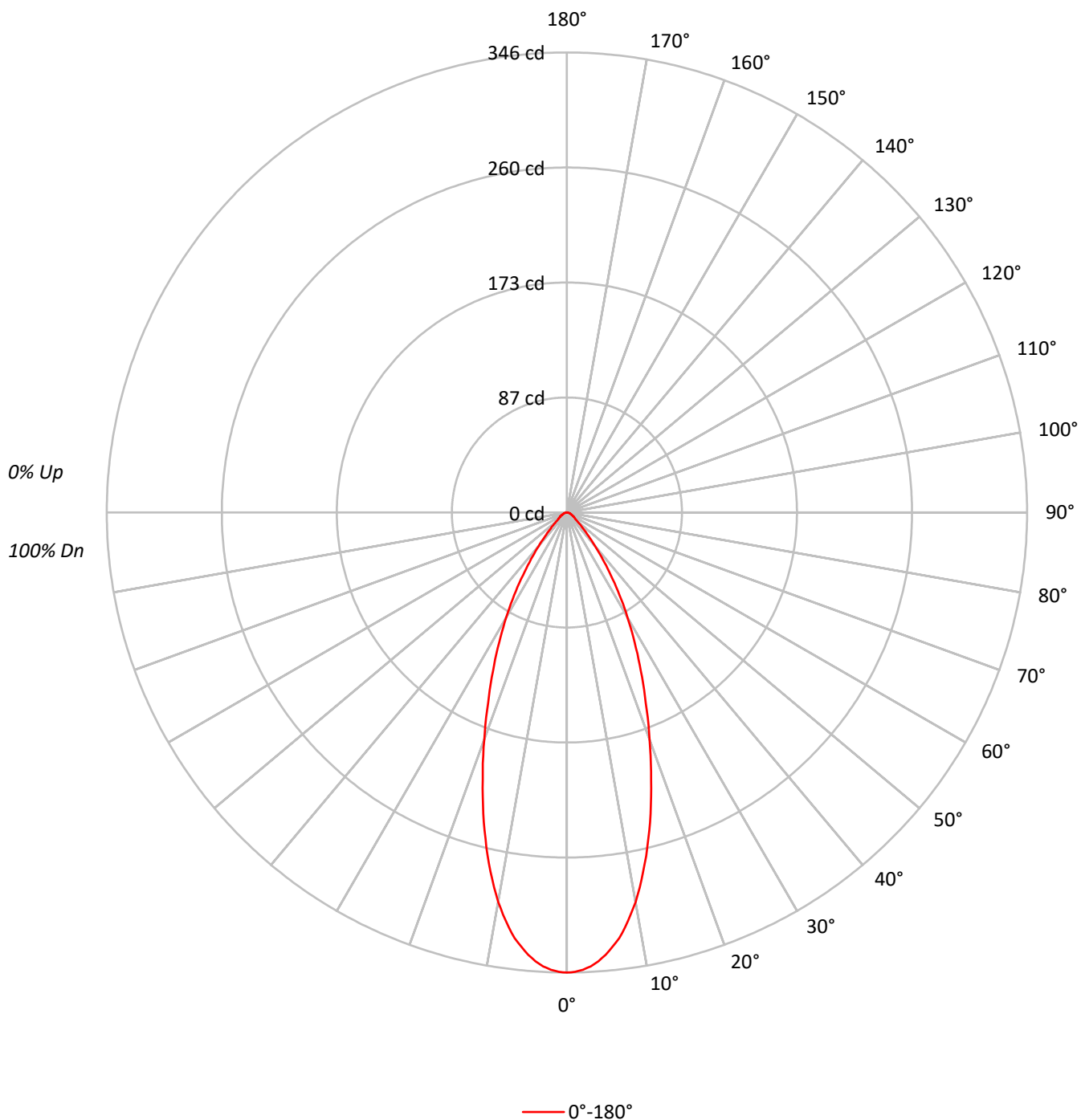
Lumens per Lamp: N/A
Luminaire Lumens: 222.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		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		67	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°	75871
5°	73497
10°	66220
15°	54779
20°	42424
25°	31816
30°	23092
35°	15392
40°	9446
45°	5551
50°	3411
55°	2753
60°	2412
65°	1972
70°	1795
75°	1779
80°	1263
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	13.8
10°-20°	66.5	29.9
20°-30°	60.5	27.2
30°-40°	36.6	16.5
40°-50°	14.7	6.6
50°-60°	6.5	2.9
60°-70°	3.9	1.8
70°-80°	2.1	1.0
80°-90°	0.6	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°	157.6	71.0
0°-40°	194.2	87.5
0°-60°	215.3	97.0
0°-90°	222.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	222.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	334	31
15°	241	66
25°	132	60
35°	58	37
45°	18	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	346.0
1°	345.6
2°	344.2
3°	341.8
4°	338.4
5°	333.9
6°	328.4
7°	322.5
8°	315.0
9°	306.4
10°	297.4
11°	287.1
12°	276.1
13°	265.1
14°	253.0
15°	241.3
17.5°	210.7
20°	181.8
22.5°	154.9
25°	131.5
27.5°	110.2
30°	91.2
32.5°	73.7
35°	57.5
37.5°	44.1
40°	33.0
42.5°	24.1
45°	17.9
47.5°	13.4
50°	10.0
52.5°	7.9
55°	7.2
57.5°	6.2
60°	5.5
62.5°	4.5
65°	3.8
67.5°	3.4
70°	2.8
72.5°	2.4
75°	2.1
77.5°	1.7
80°	1.0
82.5°	0.7
85°	0.7
87.5°	0.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)