

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: P1286443

Luminaire Tested: P3AS05R309030D2WDE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286443
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309030D2WDE010 E3DL1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

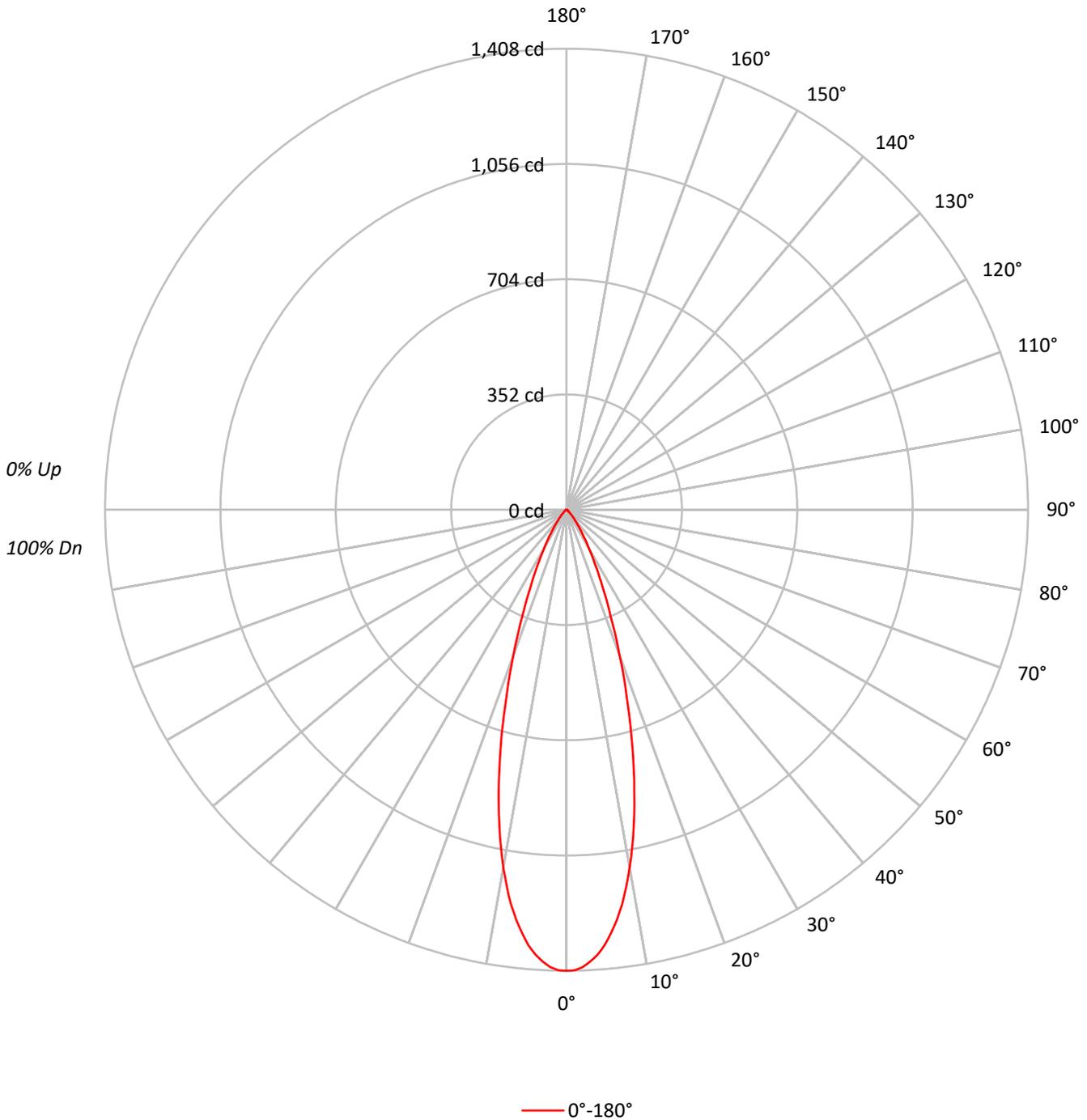
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 529.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	308681
5°	293814
10°	247134
15°	178230
20°	110540
25°	62883
30°	34917
35°	19006
40°	10019
45°	5427
50°	2900
55°	1912
60°	1754
65°	1816
70°	1603
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5427 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.2	22.7
10°-20°	213.7	40.4
20°-30°	123.5	23.3
30°-40°	46.9	8.9
40°-50°	14.4	2.7
50°-60°	4.8	0.9
60°-70°	3.3	0.6
70°-80°	1.8	0.3
80°-90°	0.5	0.1
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°	457.3	86.4
0°-40°	504.2	95.3
0°-60°	523.4	98.9
0°-90°	529.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	529.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1408	
5°	1335	120
15°	785	214
25°	260	123
35°	71	47
45°	18	14
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1407.7
1°	1406.7
2°	1398.2
3°	1382.2
4°	1362.3
5°	1334.8
6°	1299.8
7°	1260.8
8°	1217.3
9°	1165.4
10°	1109.9
11°	1049.9
12°	986.5
13°	920.0
14°	852.5
15°	785.1
17.5°	619.2
20°	473.7
22.5°	351.3
25°	259.9
27.5°	188.9
30°	137.9
32.5°	99.4
35°	71.0
37.5°	49.5
40°	35.0
42.5°	24.5
45°	17.5
47.5°	12.0
50°	8.5
52.5°	6.0
55°	5.0
57.5°	4.5
60°	4.0
62.5°	3.5
65°	3.5
67.5°	3.0
70°	2.5
72.5°	2.0
75°	1.5
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)