

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: P1264216

Luminaire Tested: P3A05R209730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264216
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

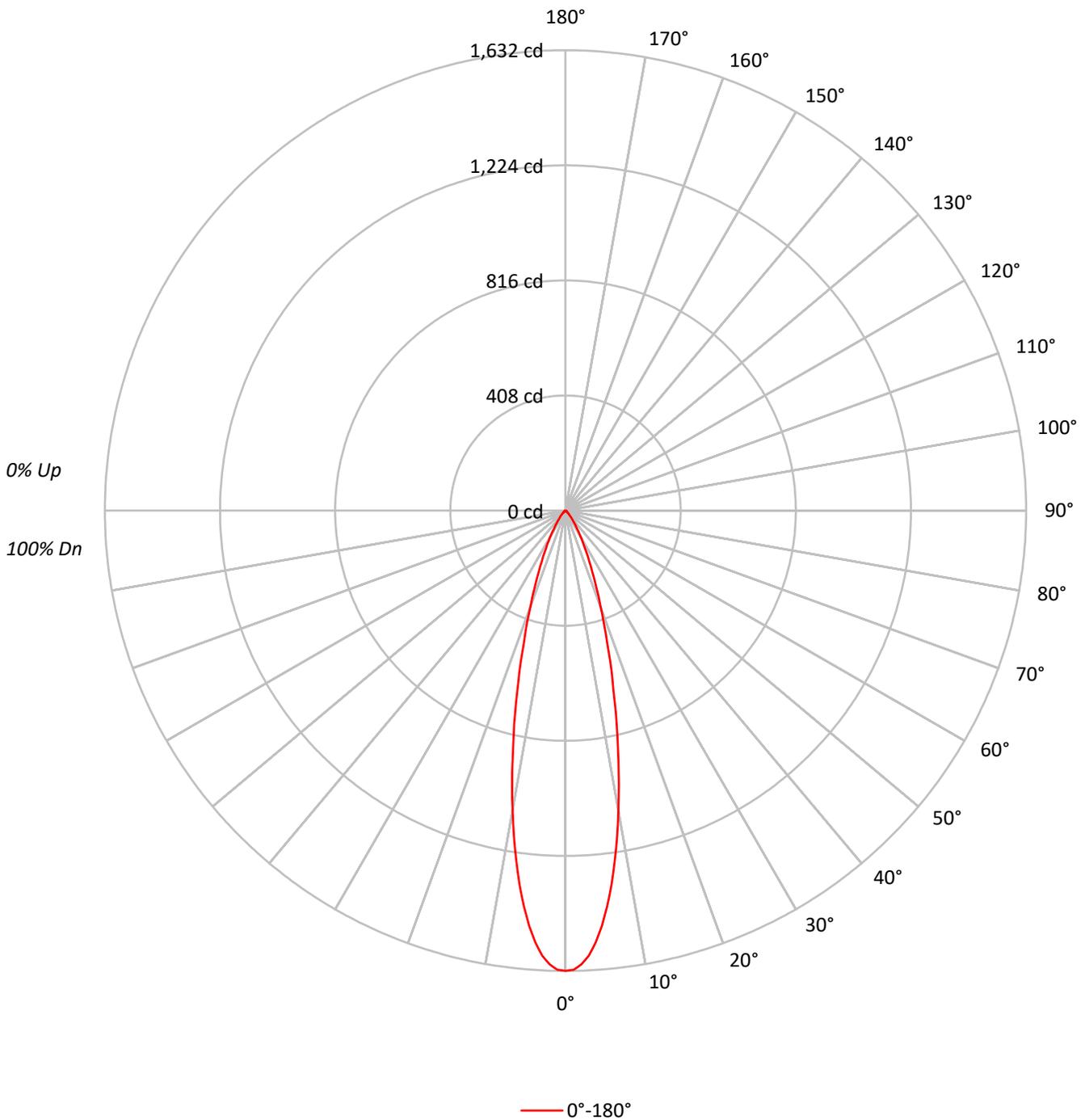
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 464.9 lumens
Efficiency: N/A
Efficacy: 64.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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		0	
RW	70	50	30	10	70	50	30	10	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	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	86	78	73	70	85	77	73	70	77	73	70	76	72	70	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	357756
5°	325225
10°	240365
15°	148696
20°	84917
25°	48462
30°	27194
35°	14803
40°	8101
45°	4466
50°	2593
55°	1873
60°	1754
65°	1608
70°	1410
75°	1525
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4466 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.9	27.5
10°-20°	182.6	39.3
20°-30°	95.3	20.5
30°-40°	36.9	7.9
40°-50°	12.0	2.6
50°-60°	4.7	1.0
60°-70°	3.1	0.7
70°-80°	1.8	0.4
80°-90°	0.6	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°	405.9	87.3
0°-40°	442.8	95.2
0°-60°	459.4	98.8
0°-90°	464.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1632	
5°	1478	128
15°	655	183
25°	200	95
35°	55	37
45°	14	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1631.5
1°	1628.4
2°	1609.1
3°	1579.4
4°	1533.6
5°	1477.5
6°	1411.0
7°	1337.3
8°	1252.0
9°	1168.8
10°	1079.5
12.5°	858.0
15°	655.0
17.5°	490.1
20°	363.9
22.5°	269.5
25°	200.3
27.5°	147.8
30°	107.4
32.5°	77.7
35°	55.3
37.5°	40.0
40°	28.3
42.5°	20.2
45°	14.4
47.5°	10.3
50°	7.6
52.5°	5.8
55°	4.9
57.5°	4.5
60°	4.0
62.5°	3.6
65°	3.1
67.5°	2.7
70°	2.2
72.5°	2.2
75°	1.8
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)