

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: P1273274

Luminaire Tested: P3A05R209830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273274
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: P3A05R209830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

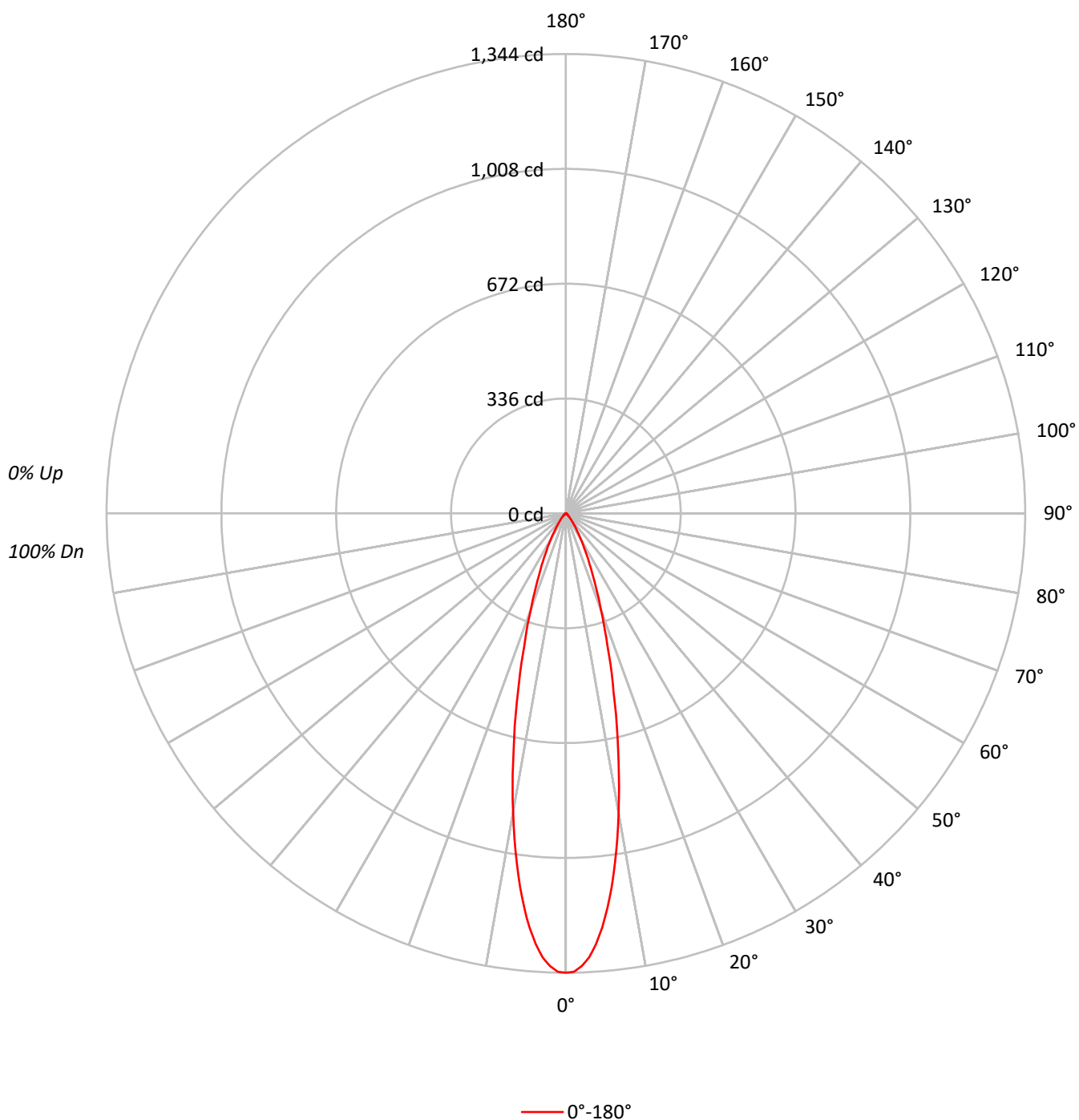
Lumens per Lamp: N/A
Luminaire Lumens: 382.9 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	90	89
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	86	85
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	82	81
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	78	77
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	75	74
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	72	71
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	70	69
9	86	78	73	70	85	77	73	70	77	73	70	76	72	70	75	72	69	68	67	66
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	294669
5°	267862
10°	197970
15°	122475
20°	69936
25°	39922
30°	22383
35°	12180
40°	6670
45°	3659
50°	2149
55°	1567
60°	1447
65°	1349
70°	1154
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3659 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.4	27.5
10°-20°	150.4	39.3
20°-30°	78.5	20.5
30°-40°	30.4	7.9
40°-50°	9.8	2.6
50°-60°	3.9	1.0
60°-70°	2.6	0.7
70°-80°	1.5	0.4
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°	334.3	87.3
0°-40°	364.7	95.2
0°-60°	378.4	98.8
0°-90°	382.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	382.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1344	
5°	1217	105
15°	540	150
25°	165	79
35°	46	30
45°	12	10
55°	4	4
65°	3	3
75°	2	1
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1343.8
1°	1341.2
2°	1325.3
3°	1300.9
4°	1263.2
5°	1216.9
6°	1162.2
7°	1101.5
8°	1031.2
9°	962.7
10°	889.1
12.5°	706.7
15°	539.5
17.5°	403.7
20°	299.7
22.5°	222.0
25°	165.0
27.5°	121.7
30°	88.4
32.5°	64.0
35°	45.5
37.5°	32.9
40°	23.3
42.5°	16.6
45°	11.8
47.5°	8.5
50°	6.3
52.5°	4.8
55°	4.1
57.5°	3.7
60°	3.3
62.5°	3.0
65°	2.6
67.5°	2.2
70°	1.8
72.5°	1.8
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)