

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: P1265949

Luminaire Tested: P3A20R609730D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265949
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609730D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

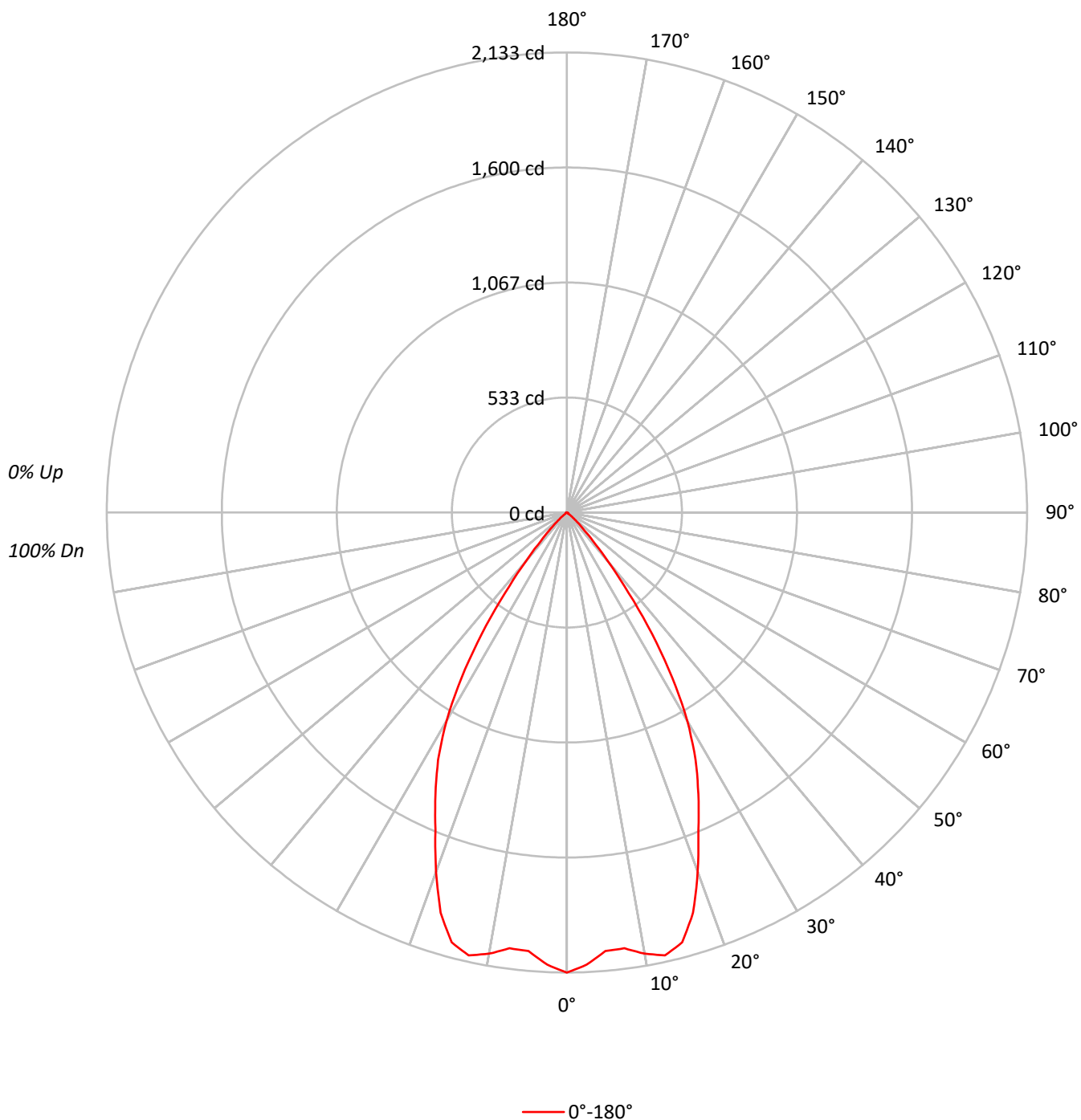
Lumens per Lamp: N/A
Luminaire Lumens: 1958.9 lumens
Efficiency: N/A
Efficacy: 68.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	467791
5°	449239
10°	462539
15°	468470
20°	413666
25°	348625
30°	282752
35°	184146
40°	84587
45°	32406
50°	10848
55°	2906
60°	2675
65°	2335
70°	1923
75°	2542
80°	1894
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.4	10.0
10°-20°	565.1	28.8
20°-30°	659.1	33.6
30°-40°	425.4	21.7
40°-50°	95.3	4.9
50°-60°	9.5	0.5
60°-70°	4.5	0.2
70°-80°	2.6	0.1
80°-90°	1.0	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°	1420.7	72.5
0°-40°	1846.0	94.2
0°-60°	1950.9	99.6
0°-90°	1958.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1958.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2133	
5°	2041	196
15°	2064	565
25°	1441	659
35°	688	425
45°	104	95
55°	8	10
65°	4	4
75°	3	3
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2133.3
2.5°	2098.5
5°	2040.9
7.5°	2037.9
10°	2077.3
12.5°	2103.0
15°	2063.6
17.5°	1945.5
20°	1772.7
22.5°	1592.4
25°	1440.9
27.5°	1292.4
30°	1116.7
32.5°	910.6
35°	687.9
37.5°	469.7
40°	295.5
42.5°	177.3
45°	104.5
47.5°	60.6
50°	31.8
52.5°	10.6
55°	7.6
57.5°	6.1
60°	6.1
62.5°	4.5
65°	4.5
67.5°	4.5
70°	3.0
72.5°	3.0
75°	3.0
77.5°	1.5
80°	1.5
82.5°	1.5
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)