

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: P1265742

Luminaire Tested: P3A20R259730D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259730D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

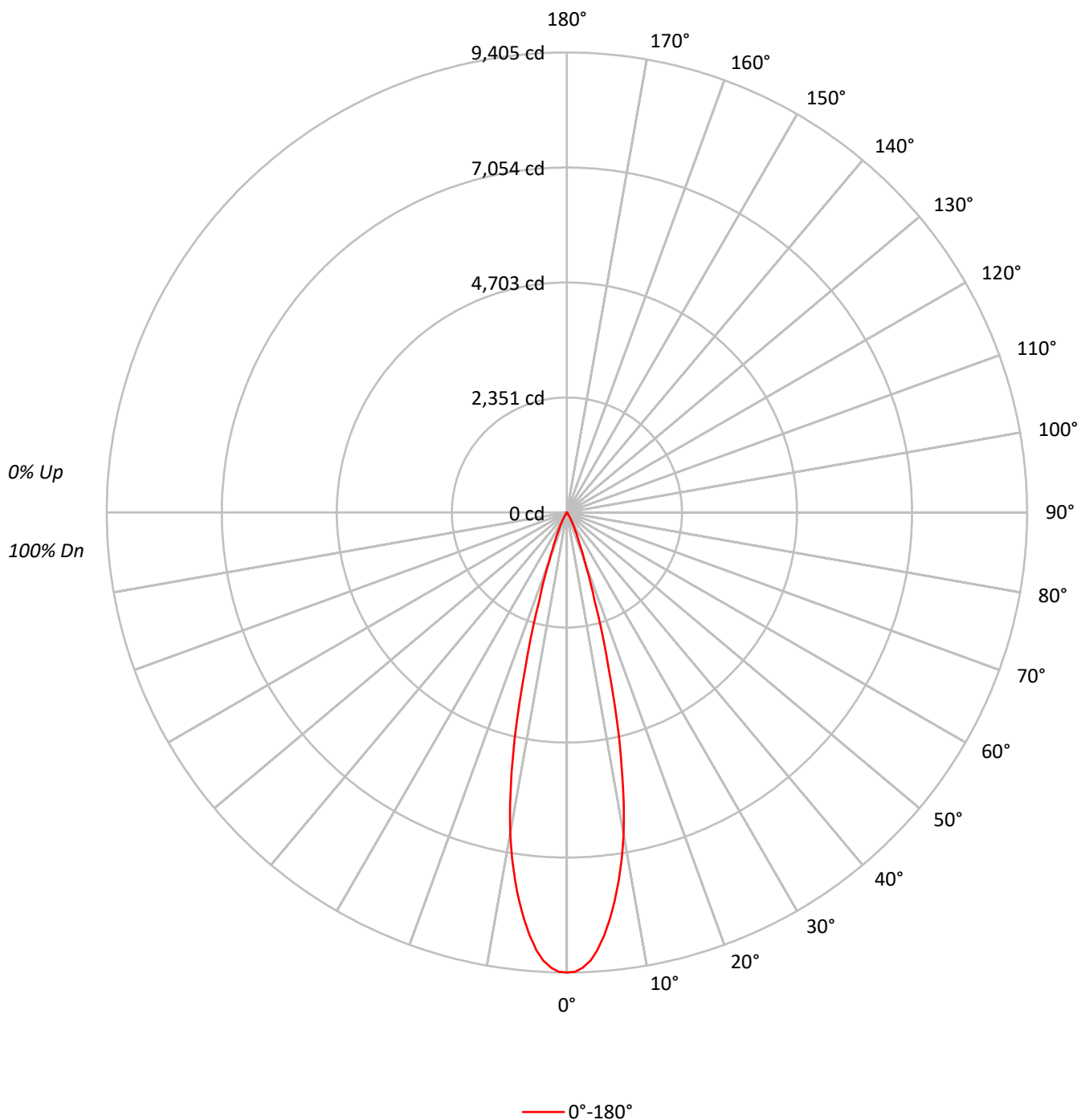
Lumens per Lamp: N/A
Luminaire Lumens: 1928.9 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	84	84
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	82	82
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	80	80
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	78	78
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2062379
5°	1912806
10°	1483406
15°	743818
20°	244368
25°	97167
30°	36461
35°	10547
40°	4780
45°	1892
50°	1535
55°	1147
60°	1316
65°	1557
70°	962
75°	1271
80°	1894
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1894 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	764.3	39.6
10°-20°	911.9	47.3
20°-30°	205.6	10.7
30°-40°	33.3	1.7
40°-50°	6.0	0.3
50°-60°	3.2	0.2
60°-70°	2.8	0.1
70°-80°	1.6	0.1
80°-90°	0.2	0.0
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°	1881.8	97.6
0°-40°	1915.1	99.3
0°-60°	1924.3	99.8
0°-90°	1928.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1928.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9405	
5°	8690	764
15°	3276	912
25°	402	206
35°	39	33
45°	6	6
55°	3	3
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	9405.2
1°	9390.1
2°	9314.3
3°	9174.9
4°	8964.2
5°	8689.9
6°	8362.5
7°	8007.9
8°	7601.8
9°	7157.7
10°	6662.1
11°	6090.8
12°	5433.1
13°	4745.0
14°	4007.0
15°	3276.5
17.5°	1867.1
20°	1047.2
22.5°	632.0
25°	401.6
27.5°	247.0
30°	144.0
32.5°	75.8
35°	39.4
37.5°	25.8
40°	16.7
42.5°	10.6
45°	6.1
47.5°	4.5
50°	4.5
52.5°	4.5
55°	3.0
57.5°	3.0
60°	3.0
62.5°	3.0
65°	3.0
67.5°	3.0
70°	1.5
72.5°	1.5
75°	1.5
77.5°	1.5
80°	1.5
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)