

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: P1247583

Luminaire Tested: P3A20R259024D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259024D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

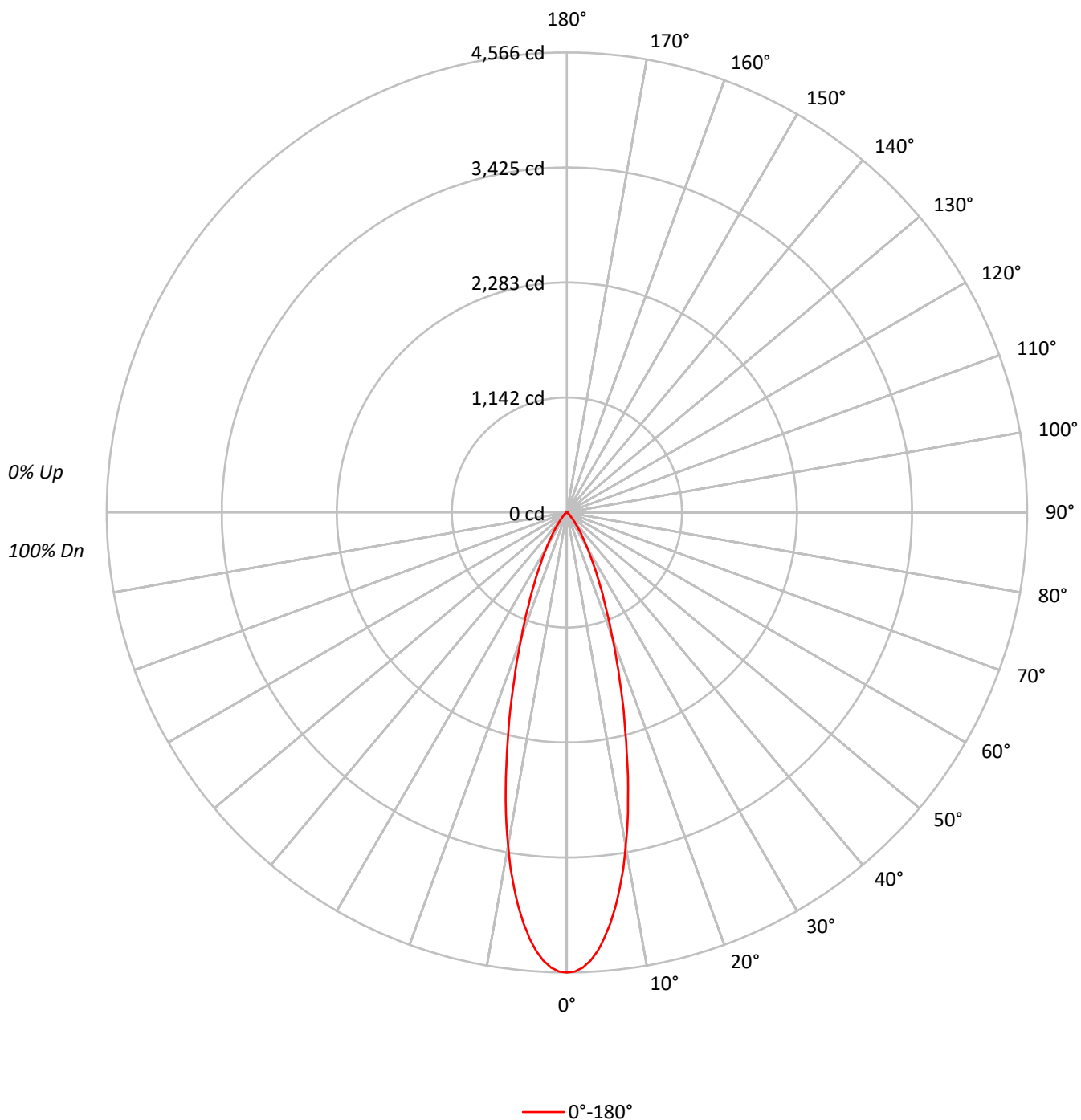
Lumens per Lamp: N/A
Luminaire Lumens: 1561.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1001323
5°	934226
10°	748372
15°	507994
20°	307397
25°	179744
30°	102370
35°	56296
40°	29885
45°	15723
50°	9177
55°	6843
60°	5877
65°	6174
70°	5770
75°	5083
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	376.6	24.1
10°-20°	615.2	39.4
20°-30°	351.5	22.5
30°-40°	138.7	8.9
40°-50°	42.5	2.7
50°-60°	16.8	1.1
60°-70°	11.2	0.7
70°-80°	6.3	0.4
80°-90°	2.0	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°	1343.4	86.1
0°-40°	1482.1	94.9
0°-60°	1541.4	98.7
0°-90°	1561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1561.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4566	
5°	4244	377
15°	2238	615
25°	743	352
35°	210	139
45°	51	43
55°	18	17
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4566.4
1°	4557.4
2°	4520.2
3°	4454.5
4°	4363.5
5°	4244.2
6°	4103.9
7°	3945.8
8°	3762.3
9°	3574.4
10°	3361.0
11°	3150.7
12°	2919.5
13°	2691.2
14°	2457.0
15°	2237.7
17.5°	1735.0
20°	1317.3
22.5°	989.1
25°	742.9
27.5°	550.5
30°	404.3
32.5°	292.4
35°	210.3
37.5°	149.2
40°	104.4
42.5°	71.6
45°	50.7
47.5°	35.8
50°	26.9
52.5°	20.9
55°	17.9
57.5°	16.4
60°	13.4
62.5°	11.9
65°	11.9
67.5°	10.4
70°	9.0
72.5°	7.5
75°	6.0
77.5°	4.5
80°	3.0
82.5°	3.0
85°	1.5
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)