

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: P1270524

Luminaire Tested: P3A20R259740D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270524
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

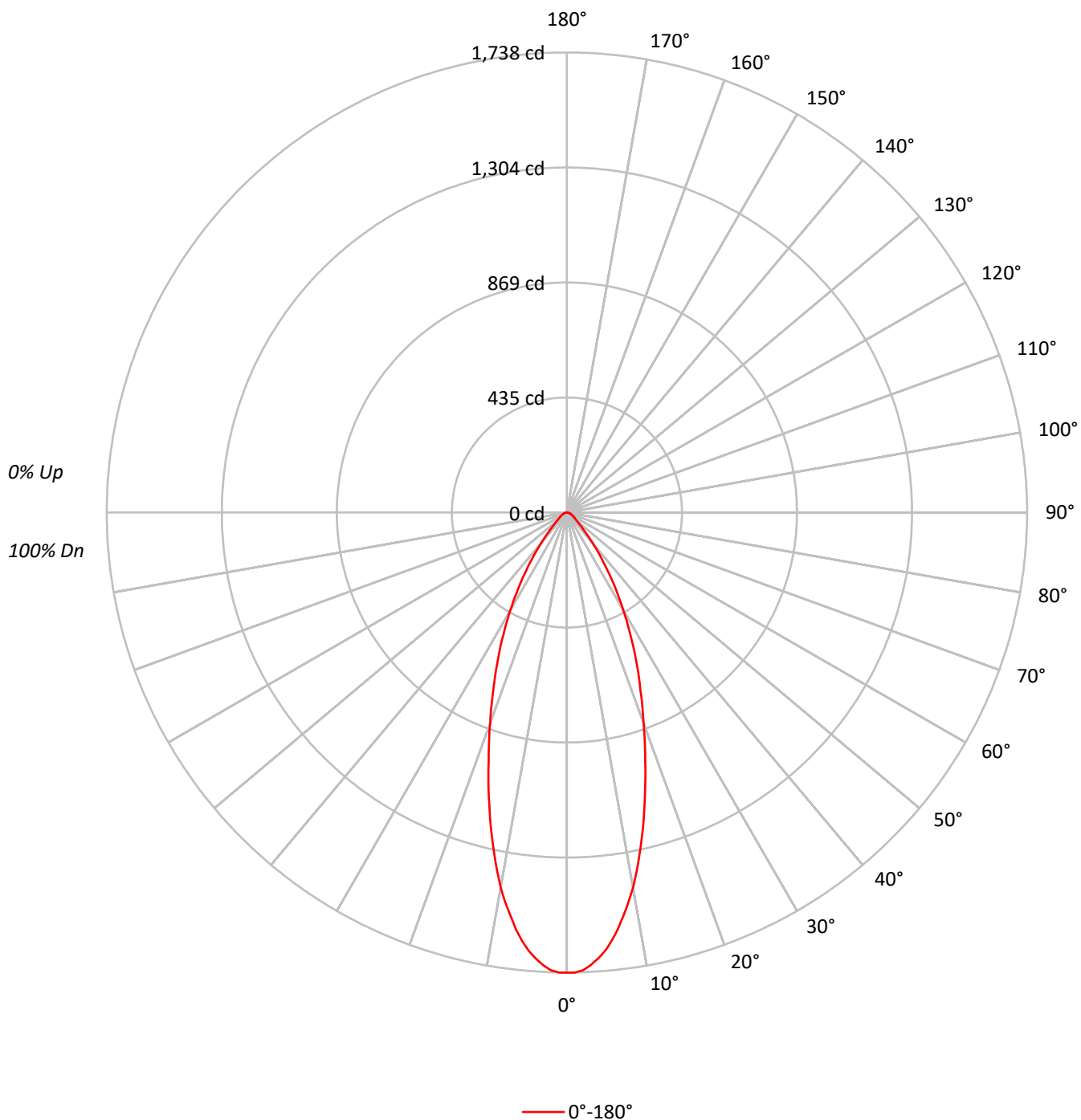
Lumens per Lamp: N/A
Luminaire Lumens: 1050.0 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	381198
5°	365727
10°	320390
15°	257527
20°	197861
25°	149718
30°	108169
35°	71875
40°	43567
45°	25367
50°	16204
55°	13151
60°	11490
65°	10170
70°	8399
75°	8303
80°	6188
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.2	14.4
10°-20°	313.7	29.9
20°-30°	283.7	27.0
30°-40°	170.4	16.2
40°-50°	67.7	6.4
50°-60°	31.2	3.0
60°-70°	19.0	1.8
70°-80°	10.2	1.0
80°-90°	2.9	0.3
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°	748.6	71.3
0°-40°	919.0	87.5
0°-60°	1017.9	96.9
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1738	
5°	1662	151
15°	1134	314
25°	619	284
35°	268	170
45°	82	68
55°	34	31
65°	20	19
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1738.4
1°	1738.4
2°	1730.3
3°	1712.3
4°	1689.3
5°	1661.5
6°	1625.5
7°	1584.6
8°	1537.1
9°	1489.6
10°	1438.9
11°	1380.0
12°	1319.4
13°	1258.8
14°	1198.3
15°	1134.4
17.5°	983.8
20°	847.9
22.5°	725.2
25°	618.8
27.5°	518.9
30°	427.2
32.5°	343.8
35°	268.5
37.5°	204.6
40°	152.2
42.5°	111.3
45°	81.8
47.5°	62.2
50°	47.5
52.5°	39.3
55°	34.4
57.5°	29.5
60°	26.2
62.5°	21.3
65°	19.6
67.5°	16.4
70°	13.1
72.5°	11.5
75°	9.8
77.5°	8.2
80°	4.9
82.5°	3.3
85°	3.3
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)