

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: P1263389

Luminaire Tested: P3A20R259727D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263389
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: P3A20R259727D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

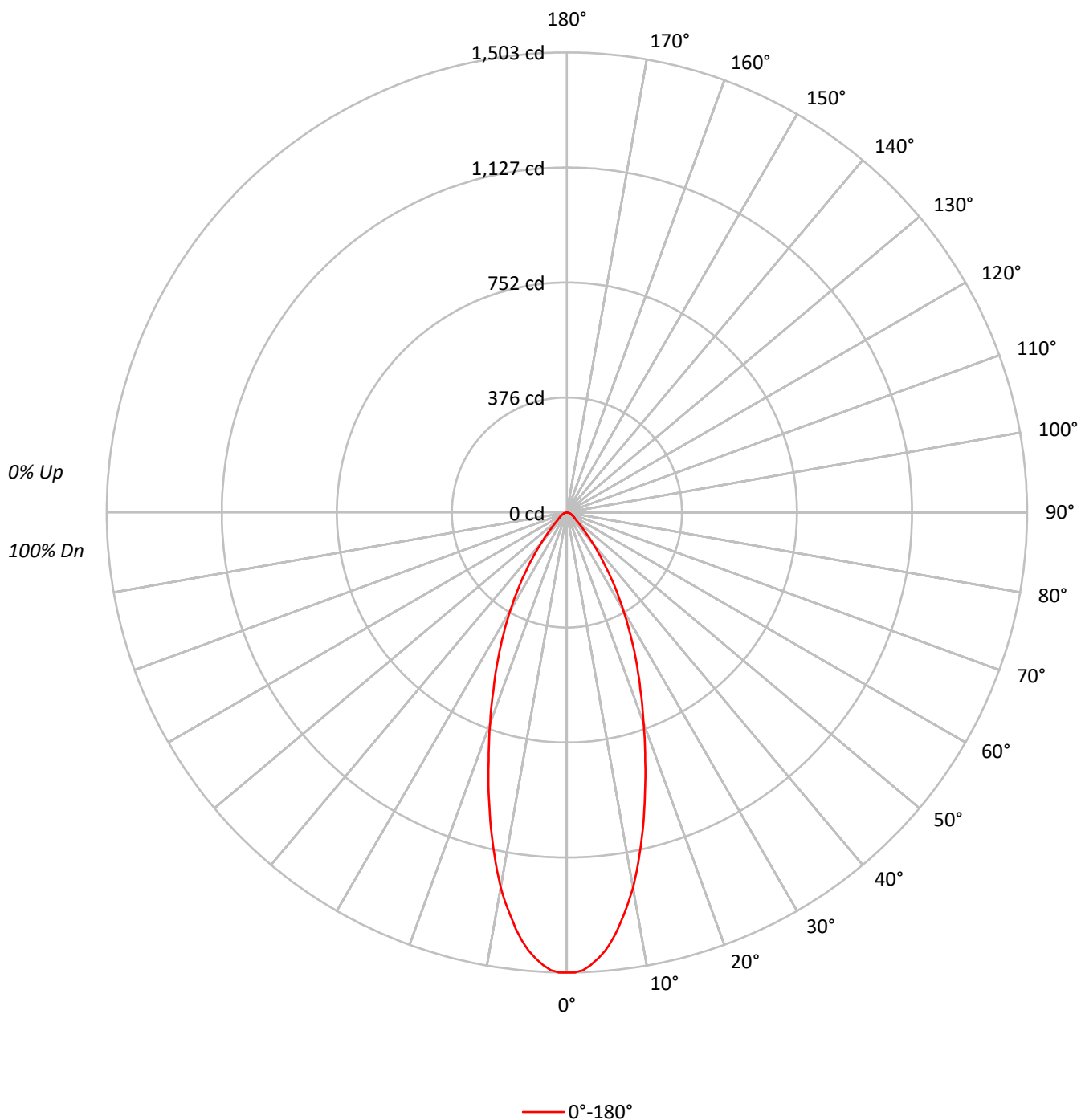
Lumens per Lamp: N/A
Luminaire Lumens: 908.0 lumens
Efficiency: N/A
Efficacy: 31.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	329645
5°	316266
10°	277060
15°	222703
20°	171118
25°	129467
30°	93559
35°	62158
40°	37671
45°	21956
50°	14021
55°	11354
60°	9911
65°	8821
70°	7245
75°	7202
80°	5304
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21956 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.8	14.4
10°-20°	271.3	29.9
20°-30°	245.3	27.0
30°-40°	147.4	16.2
40°-50°	58.6	6.4
50°-60°	27.0	3.0
60°-70°	16.5	1.8
70°-80°	8.8	1.0
80°-90°	2.5	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°	647.4	71.3
0°-40°	794.8	87.5
0°-60°	880.3	96.9
0°-90°	908.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	908.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1503	
5°	1437	131
15°	981	271
25°	535	245
35°	232	147
45°	71	59
55°	30	27
65°	17	16
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1503.3
1°	1503.3
2°	1496.3
3°	1480.7
4°	1460.9
5°	1436.8
6°	1405.7
7°	1370.3
8°	1329.2
9°	1288.2
10°	1244.3
11°	1193.3
12°	1141.0
13°	1088.6
14°	1036.2
15°	981.0
17.5°	850.8
20°	733.3
22.5°	627.1
25°	535.1
27.5°	448.7
30°	369.5
32.5°	297.3
35°	232.2
37.5°	176.9
40°	131.6
42.5°	96.3
45°	70.8
47.5°	53.8
50°	41.1
52.5°	34.0
55°	29.7
57.5°	25.5
60°	22.6
62.5°	18.4
65°	17.0
67.5°	14.2
70°	11.3
72.5°	9.9
75°	8.5
77.5°	7.1
80°	4.2
82.5°	2.8
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)