

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: P1263421

Luminaire Tested: P3A20R309727D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263421
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309727D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

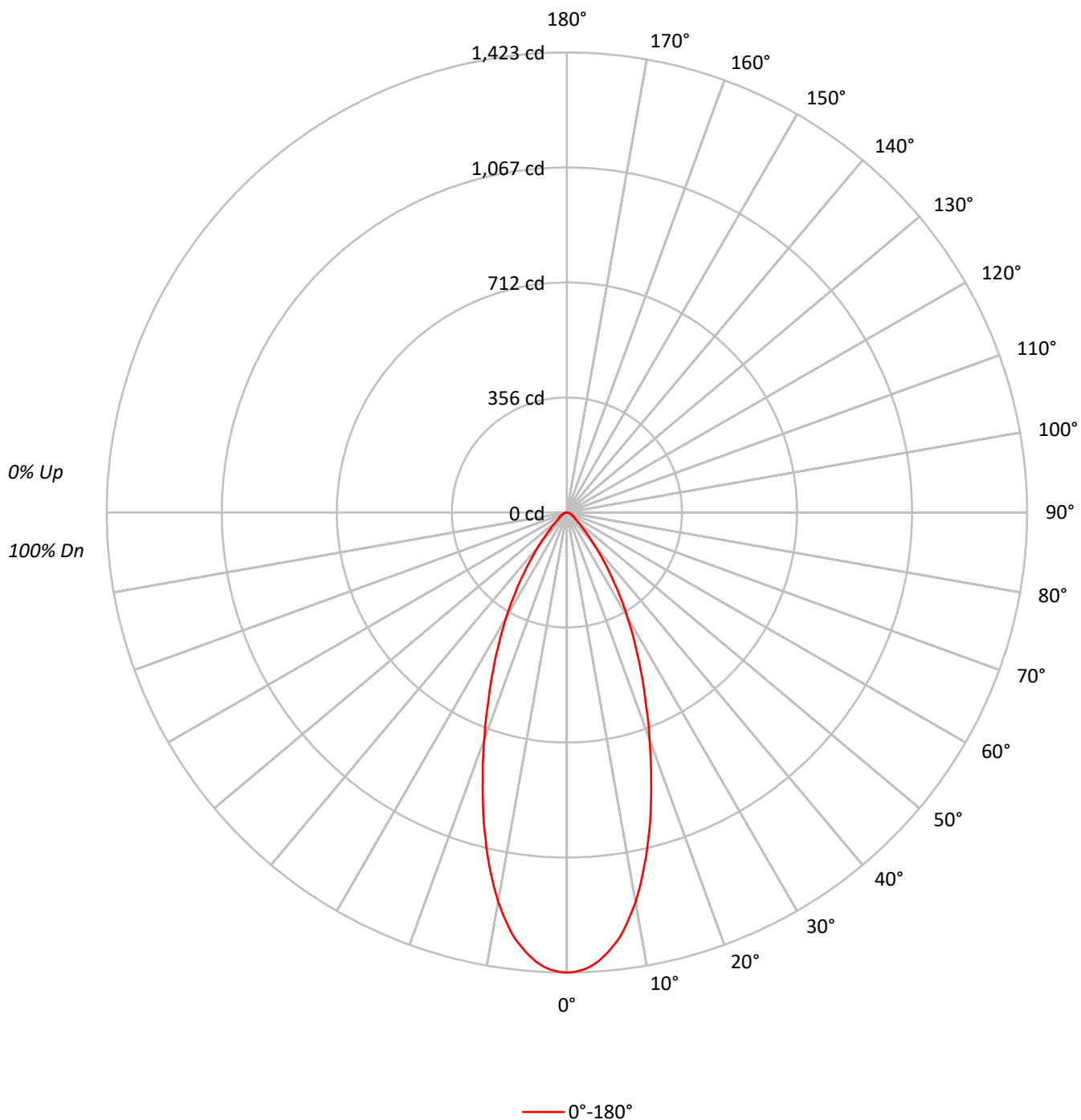
Lumens per Lamp: N/A
Luminaire Lumens: 913.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		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	85	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	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	311993
5°	302266
10°	272362
15°	225291
20°	174432
25°	130846
30°	95002
35°	63282
40°	38901
45°	22824
50°	14021
55°	11354
60°	9955
65°	8094
70°	7245
75°	7202
80°	5304
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.3	13.8
10°-20°	273.3	29.9
20°-30°	248.7	27.2
30°-40°	150.4	16.5
40°-50°	60.3	6.6
50°-60°	26.7	2.9
60°-70°	16.1	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°	648.3	71.0
0°-40°	798.7	87.5
0°-60°	885.6	97.0
0°-90°	913.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	913.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1423	
5°	1373	126
15°	992	273
25°	541	249
35°	236	150
45°	74	60
55°	30	27
65°	16	16
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1422.8
1°	1421.4
2°	1415.7
3°	1405.8
4°	1391.6
5°	1373.2
6°	1350.6
7°	1326.5
8°	1295.4
9°	1260.0
10°	1223.2
11°	1180.7
12°	1135.4
13°	1090.1
14°	1040.5
15°	992.4
17.5°	866.4
20°	747.5
22.5°	637.1
25°	540.8
27.5°	453.0
30°	375.2
32.5°	303.0
35°	236.4
37.5°	181.2
40°	135.9
42.5°	99.1
45°	73.6
47.5°	55.2
50°	41.1
52.5°	32.6
55°	29.7
57.5°	25.5
60°	22.7
62.5°	18.4
65°	15.6
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):

0°
90° | 0.0

(END OF REPORT)