

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: P1262744

Luminaire Tested: P3A13R409727DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262744
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409727DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

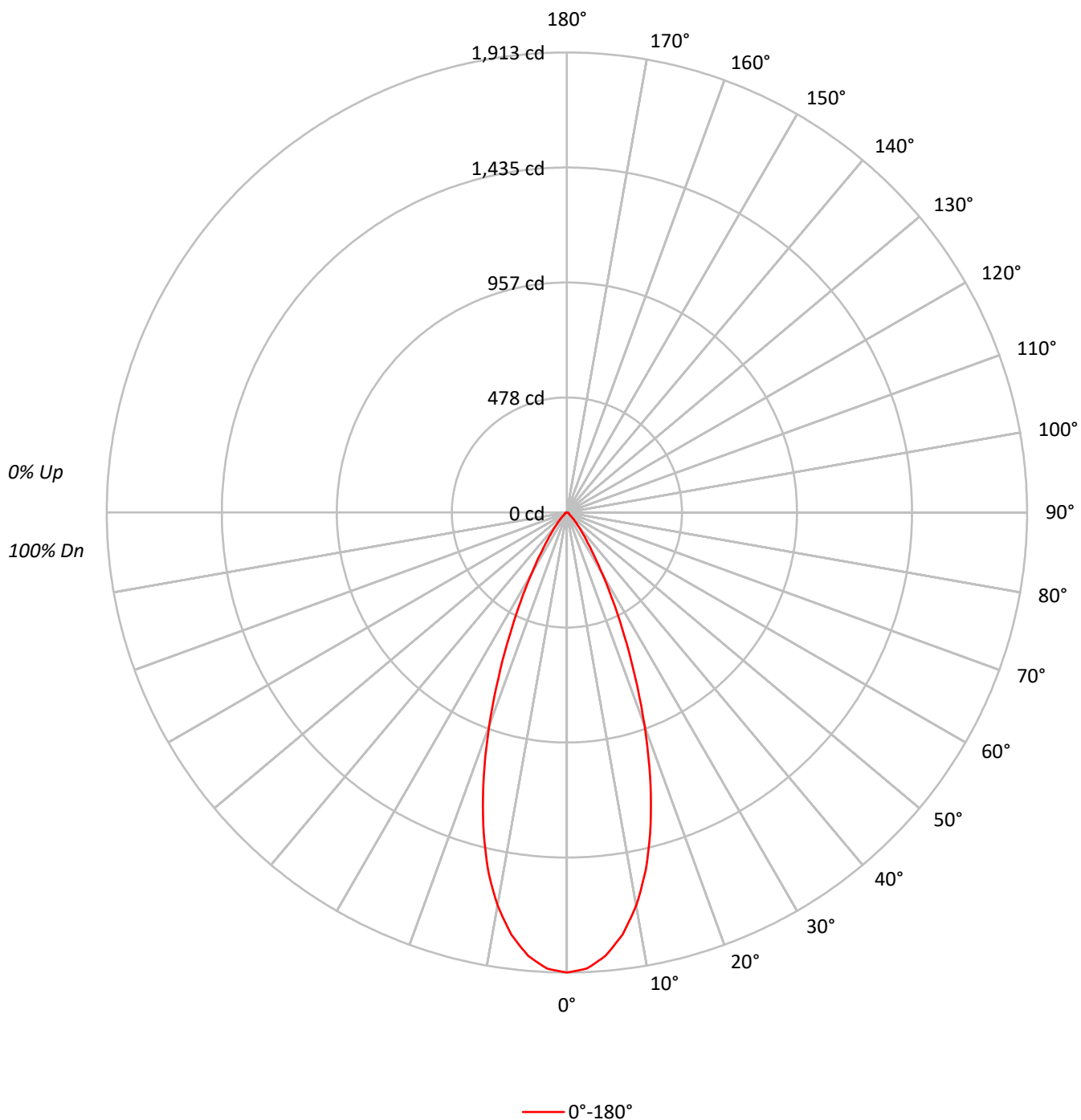
Lumens per Lamp: N/A
Luminaire Lumens: 948.0 lumens
Efficiency: N/A
Efficacy: 64.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	107		112	109	107	105		105	104	102		102	100	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	92	91
3	104	99	94	91		102	97	93	90		95	91	88		92	89	87		90	88	86
4	100	93	88	85		98	92	88	84		90	86	83		88	85	82		86	84	81
5	96	88	83	79		94	88	83	79		86	82	78		84	81	78		83	80	77
6	92	84	79	75		91	83	78	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67
9	82	73	68	64		81	73	68	64		72	67	64		71	67	64		70	66	64
10	78	70	65	62		78	70	65	61		69	64	61		68	64	61		67	64	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	419484
5°	407285
10°	369599
15°	305337
20°	220262
25°	136242
30°	73758
35°	38119
40°	20725
45°	11598
50°	5833
55°	4358
60°	3947
65°	3788
70°	3654
75°	3474
80°	3031
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11598 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.6	18.0
10°-20°	366.3	38.6
20°-30°	261.4	27.6
30°-40°	96.2	10.1
40°-50°	30.3	3.2
50°-60°	10.5	1.1
60°-70°	7.2	0.8
70°-80°	4.3	0.5
80°-90°	1.2	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°	798.2	84.2
0°-40°	894.4	94.3
0°-60°	935.3	98.7
0°-90°	948.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	948.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1913	
5°	1850	171
15°	1345	366
25°	563	261
35°	142	96
45°	37	30
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1913.0
2.5°	1898.4
5°	1850.3
7.5°	1770.6
10°	1659.9
12.5°	1519.2
15°	1345.0
17.5°	1149.8
20°	943.9
22.5°	741.3
25°	563.1
27.5°	413.4
30°	291.3
32.5°	204.2
35°	142.4
37.5°	100.9
40°	72.4
42.5°	52.1
45°	37.4
47.5°	25.2
50°	17.1
52.5°	12.2
55°	11.4
57.5°	10.6
60°	9.0
62.5°	8.1
65°	7.3
67.5°	6.5
70°	5.7
72.5°	4.9
75°	4.1
77.5°	3.3
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)