

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: P1269763

Luminaire Tested: P3A13R209740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269763
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R209740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

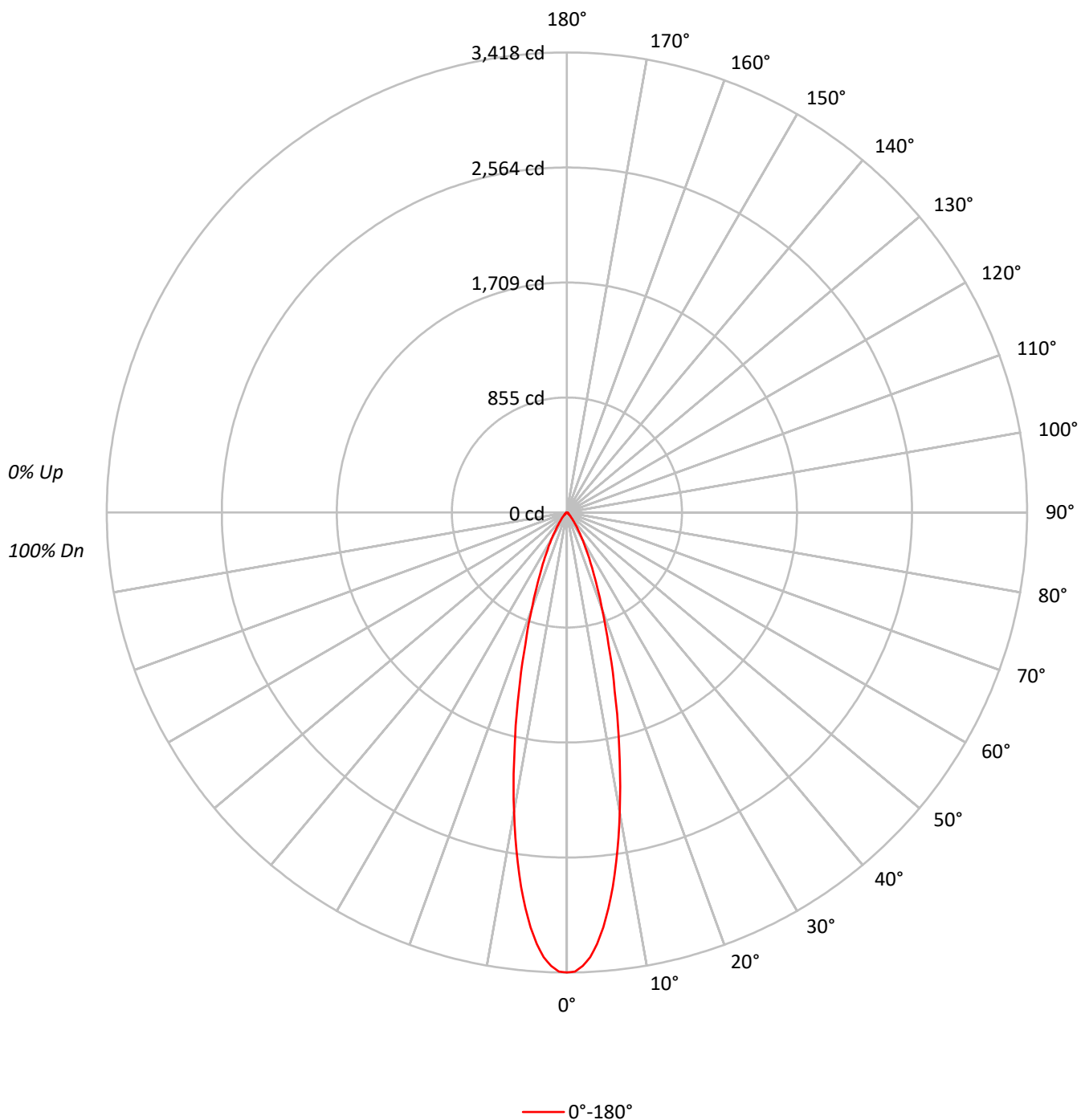
Lumens per Lamp: N/A
Luminaire Lumens: 974.0 lumens
Efficiency: N/A
Efficacy: 66.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	749392
5°	681200
10°	503464
15°	311443
20°	177862
25°	101546
30°	56945
35°	30972
40°	16975
45°	9334
50°	5458
55°	3976
60°	3728
65°	3424
70°	3013
75°	3219
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.0	27.5
10°-20°	382.6	39.3
20°-30°	199.7	20.5
30°-40°	77.2	7.9
40°-50°	25.0	2.6
50°-60°	9.9	1.0
60°-70°	6.5	0.7
70°-80°	3.8	0.4
80°-90°	1.3	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°	850.3	87.3
0°-40°	927.5	95.2
0°-60°	962.4	98.8
0°-90°	974.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	974.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3418	
5°	3095	268
15°	1372	383
25°	420	200
35°	116	77
45°	30	25
55°	10	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3417.5
1°	3410.9
2°	3370.4
3°	3308.3
4°	3212.3
5°	3094.7
6°	2955.5
7°	2801.1
8°	2622.4
9°	2448.3
10°	2261.1
12.5°	1797.2
15°	1371.9
17.5°	1026.6
20°	762.2
22.5°	564.6
25°	419.7
27.5°	309.6
30°	224.9
32.5°	162.8
35°	115.7
37.5°	83.7
40°	59.3
42.5°	42.3
45°	30.1
47.5°	21.6
50°	16.0
52.5°	12.2
55°	10.4
57.5°	9.4
60°	8.5
62.5°	7.5
65°	6.6
67.5°	5.6
70°	4.7
72.5°	4.7
75°	3.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)