

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: P1265086

Luminaire Tested: P3A13R359730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265086
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

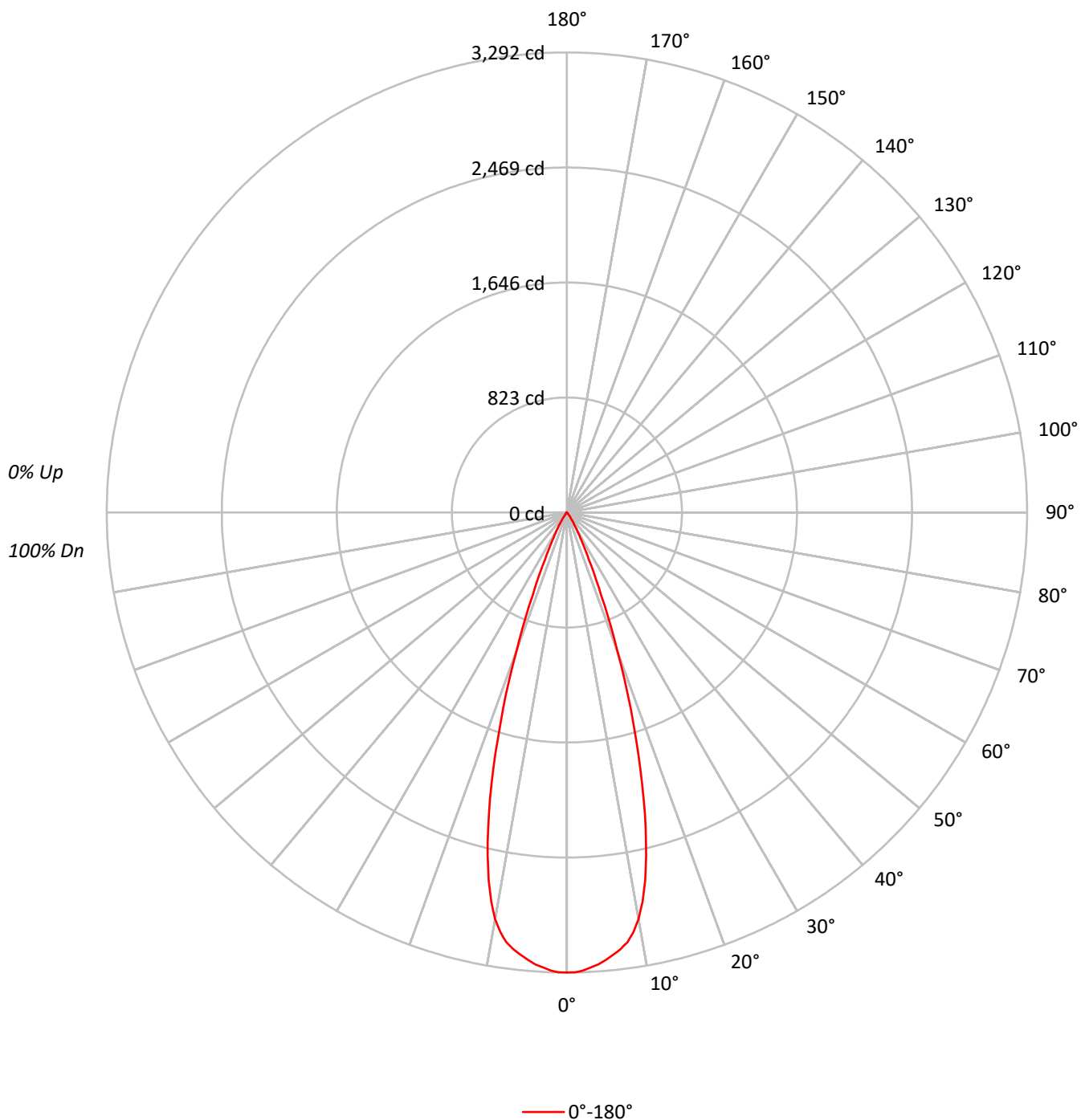
Lumens per Lamp: N/A
Luminaire Lumens: 1107.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109		112	110	109	107		106	105	104		103	102	101		99	99	98
2	111	107	104	101		109	105	103	100		102	100	98		99	98	96		97	95	94
3	107	102	98	95		105	101	97	95		98	96	93		96	94	92		94	92	90
4	104	98	94	91		102	97	93	90		95	92	89		93	90	88		91	89	87
5	100	94	90	87		99	93	89	86		92	88	86		90	87	85		89	86	84
6	97	91	86	83		96	90	86	83		89	85	82		87	84	82		86	83	81
7	94	87	83	80		93	87	83	80		86	82	79		85	81	79		84	81	79
8	91	84	80	77		90	84	80	77		83	79	77		82	79	76		81	78	76
9	89	82	77	74		88	81	77	74		80	77	74		80	76	74		79	76	74
10	86	79	75	72		85	79	75	72		78	74	72		77	74	72		77	74	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	721828
5°	707130
10°	657859
15°	482296
20°	246958
25°	89013
30°	34664
35°	12126
40°	4981
45°	1364
50°	1194
55°	1338
60°	1140
65°	882
70°	1090
75°	1440
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 1512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	299.5	27.1
10°-20°	561.9	50.8
20°-30°	198.9	18.0
30°-40°	34.8	3.1
40°-50°	5.1	0.5
50°-60°	2.8	0.3
60°-70°	2.0	0.2
70°-80°	1.5	0.1
80°-90°	0.4	0.0
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°	1060.3	95.8
0°-40°	1095.2	98.9
0°-60°	1103.1	99.7
0°-90°	1107.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1107.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3292	
5°	3212	299
15°	2124	562
25°	368	199
35°	45	35
45°	4	5
55°	4	3
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3291.8
1°	3291.0
2°	3280.5
3°	3260.5
4°	3242.1
5°	3212.5
6°	3182.0
7°	3148.0
8°	3106.2
9°	3040.8
10°	2954.5
11°	2835.0
12°	2691.2
13°	2520.3
14°	2332.0
15°	2124.5
17.5°	1582.3
20°	1058.3
22.5°	638.1
25°	367.9
27.5°	219.7
30°	136.9
32.5°	79.3
35°	45.3
37.5°	28.8
40°	17.4
42.5°	8.7
45°	4.4
47.5°	3.5
50°	3.5
52.5°	3.5
55°	3.5
57.5°	2.6
60°	2.6
62.5°	2.6
65°	1.7
67.5°	1.7
70°	1.7
72.5°	1.7
75°	1.7
77.5°	0.9
80°	0.9
82.5°	0.9
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)