

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: P1269989

Luminaire Tested: P3A13R609740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

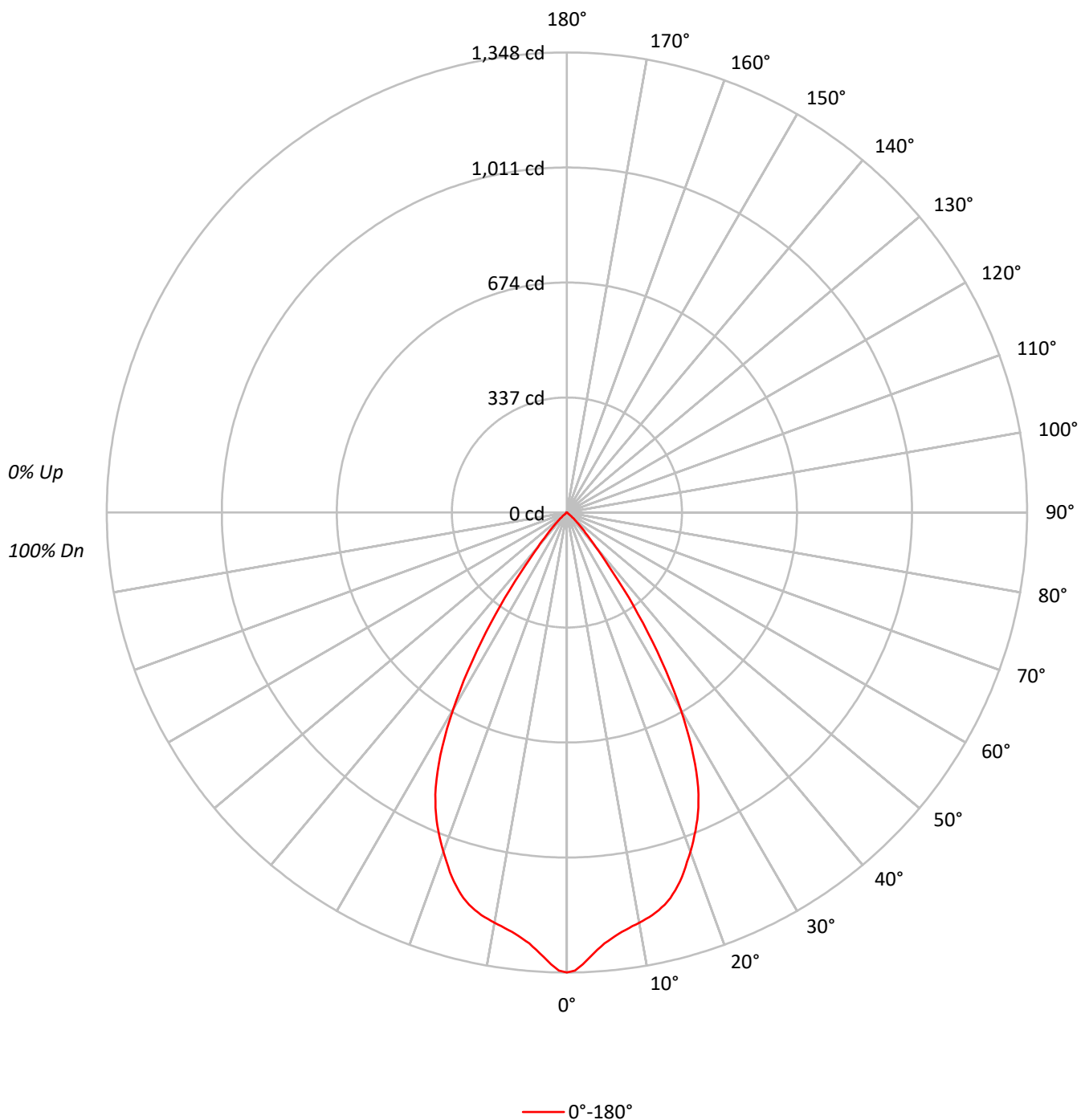
Lumens per Lamp: N/A
Luminaire Lumens: 1128.0 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	295546
5°	279000
10°	271761
15°	265541
20°	246888
25°	220706
30°	168583
35°	97333
40°	37785
45°	15754
50°	3480
55°	535
60°	395
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15754 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.7	10.6
10°-20°	325.8	28.9
20°-30°	408.1	36.2
30°-40°	228.1	20.2
40°-50°	43.4	3.8
50°-60°	2.2	0.2
60°-70°	0.5	0.0
70°-80°	0.2	0.0
80°-90°	0.0	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°	853.6	75.7
0°-40°	1081.7	95.9
0°-60°	1127.3	99.9
0°-90°	1128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1348	
5°	1268	120
15°	1170	326
25°	912	408
35°	364	228
45°	51	43
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1347.8
1°	1342.3
2°	1324.8
3°	1304.0
4°	1284.6
5°	1267.5
6°	1254.6
7°	1243.5
8°	1235.2
9°	1227.4
10°	1220.5
11°	1213.5
12°	1205.7
13°	1196.0
14°	1184.5
15°	1169.7
16°	1151.7
17°	1131.4
18°	1108.3
19°	1082.0
20°	1058.0
21°	1032.2
22°	1005.4
23°	977.3
24°	946.4
25°	912.2
26°	872.1
27°	827.3
28°	777.0
29°	723.5
30°	665.8
31°	607.7
32°	547.7
32.5°	515.0
33°	485.4
34°	424.1
35°	363.6
36°	309.2
37°	251.5
37.5°	225.2
38°	199.3
39°	160.6
40°	132.0
42.5°	80.3
45°	50.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	28.1
50°	10.2
52.5°	2.3
55°	1.4
57.5°	0.9
60°	0.9
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)