

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: P1265231

Luminaire Tested: P3A13R609730DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265231
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: P3A13R609730DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

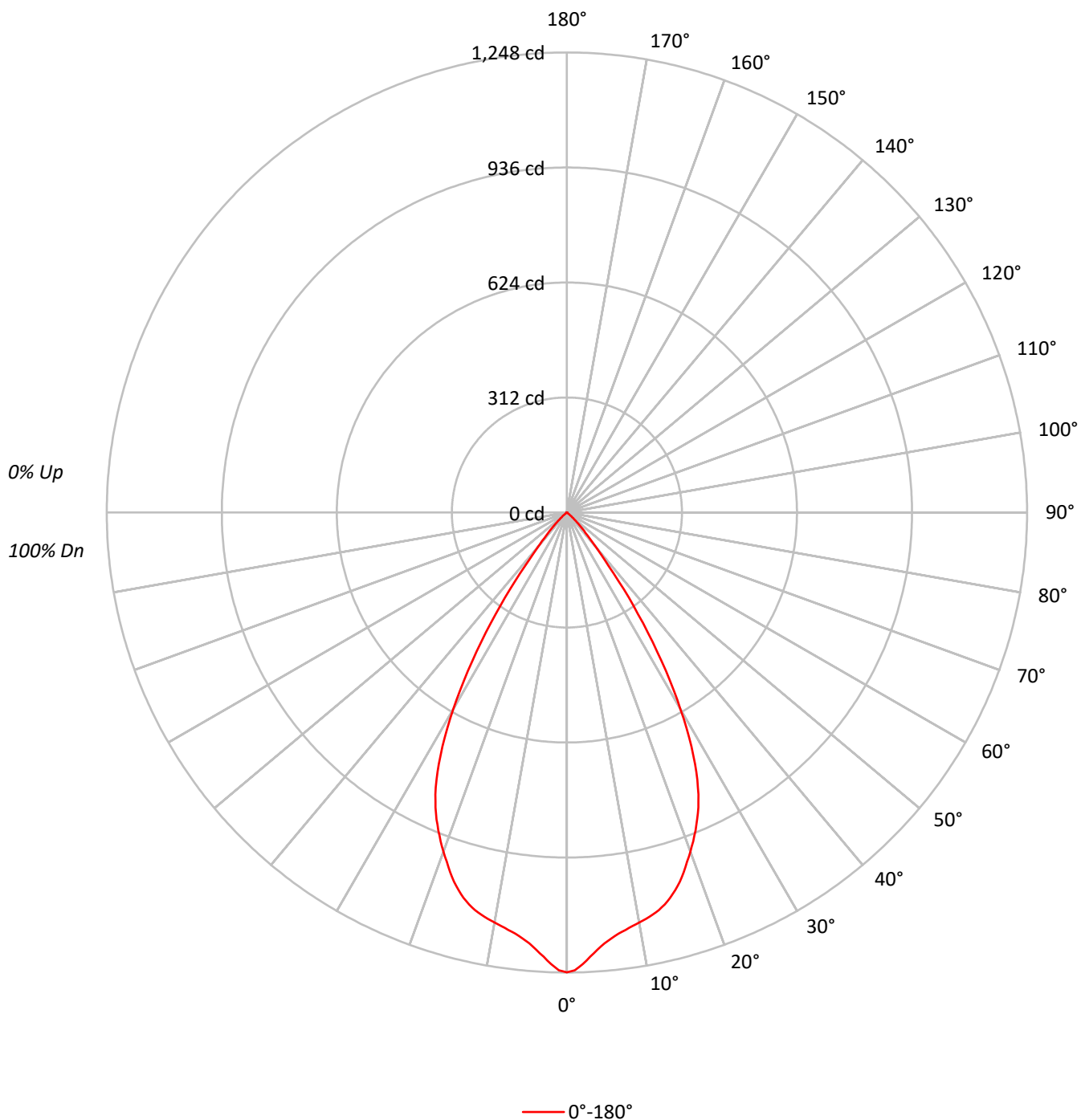
Lumens per Lamp: N/A
Luminaire Lumens: 1044.0 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	273553
5°	258221
10°	251521
15°	245768
20°	228523
25°	204278
30°	156049
35°	90078
40°	34951
45°	14575
50°	3207
55°	497
60°	395
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.7	10.6
10°-20°	301.6	28.9
20°-30°	377.7	36.2
30°-40°	211.1	20.2
40°-50°	40.1	3.8
50°-60°	2.1	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°	790.0	75.7
0°-40°	1001.2	95.9
0°-60°	1043.4	99.9
0°-90°	1044.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1044.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1248	
5°	1173	111
15°	1083	302
25°	844	378
35°	336	211
45°	47	40
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1247.5
1°	1242.3
2°	1226.1
3°	1206.9
4°	1188.9
5°	1173.1
6°	1161.2
7°	1150.9
8°	1143.3
9°	1136.0
10°	1129.6
11°	1123.2
12°	1115.9
13°	1107.0
14°	1096.3
15°	1082.6
16°	1066.0
17°	1047.2
18°	1025.8
19°	1001.5
20°	979.3
21°	955.3
22°	930.6
23°	904.5
24°	875.9
25°	844.3
26°	807.2
27°	765.7
28°	719.2
29°	669.6
30°	616.3
31°	562.4
32°	506.9
32.5°	476.6
33°	449.3
34°	392.5
35°	336.5
36°	286.1
37°	232.7
37.5°	208.4
38°	184.5
39°	148.6
40°	122.1
42.5°	74.3
45°	47.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	26.1
50°	9.4
52.5°	2.1
55°	1.3
57.5°	0.9
60°	0.9
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
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)