

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: P1257545

Luminaire Tested: P3AS13R609040DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257545
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: P3AS13R609040DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

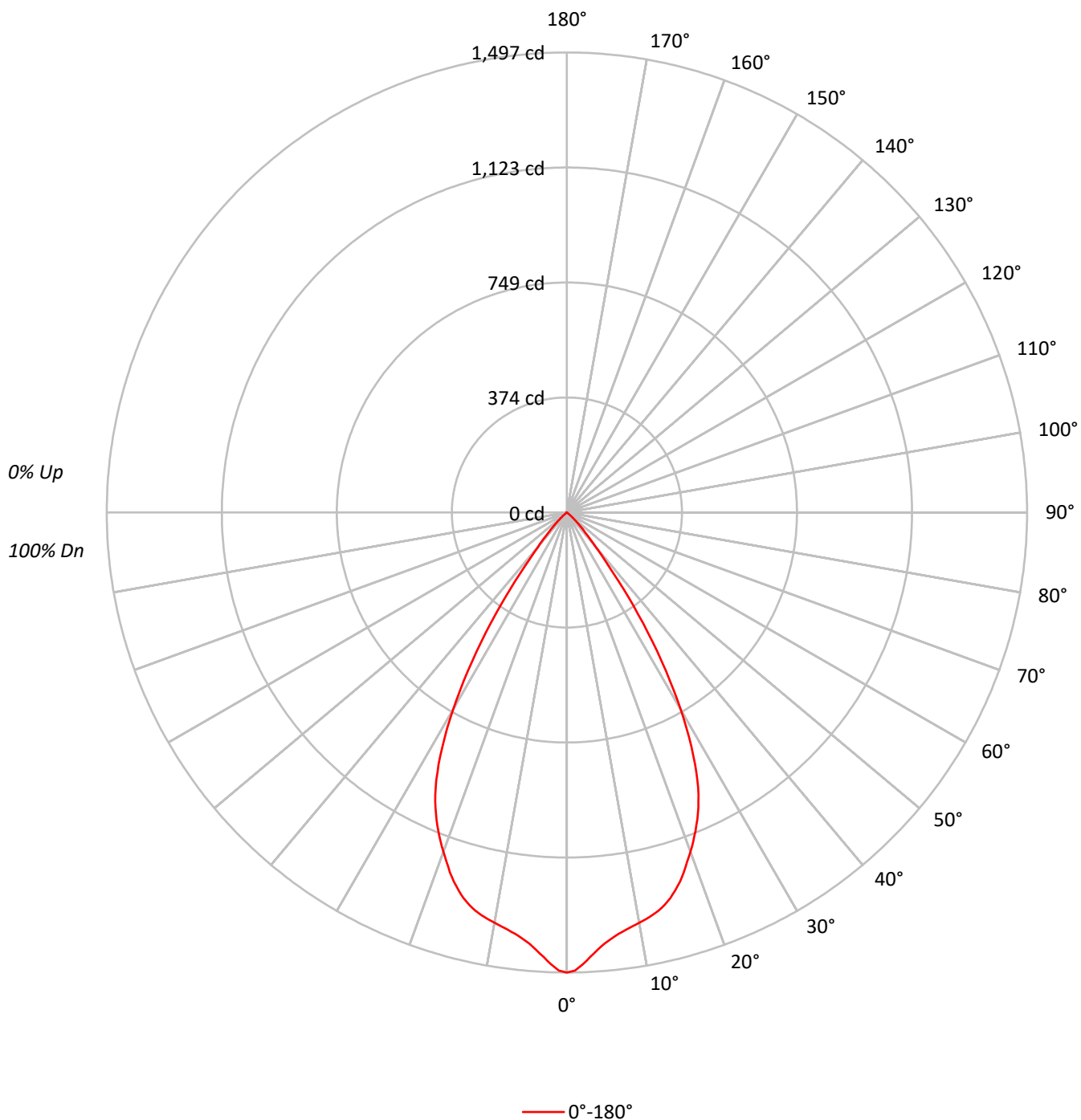
Lumens per Lamp: N/A
Luminaire Lumens: 1253.0 lumens
Efficiency: N/A
Efficacy: 85.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	328307
5°	309927
10°	301865
15°	294962
20°	274261
25°	245167
30°	187269
35°	108121
40°	41964
45°	17490
50°	3855
55°	573
60°	439
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.9	10.6
10°-20°	361.9	28.9
20°-30°	453.3	36.2
30°-40°	253.4	20.2
40°-50°	48.2	3.8
50°-60°	2.5	0.2
60°-70°	0.6	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°	948.2	75.7
0°-40°	1201.6	95.9
0°-60°	1252.2	99.9
0°-90°	1253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1497	
5°	1408	133
15°	1299	362
25°	1013	453
35°	404	253
45°	56	48
55°	2	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1497.2
1°	1491.0
2°	1471.6
3°	1448.5
4°	1427.0
5°	1408.0
6°	1393.6
7°	1381.3
8°	1372.1
9°	1363.4
10°	1355.7
11°	1348.0
12°	1339.3
13°	1328.6
14°	1315.7
15°	1299.3
16°	1279.3
17°	1256.8
18°	1231.2
19°	1202.0
20°	1175.3
21°	1146.6
22°	1116.9
23°	1085.6
24°	1051.3
25°	1013.3
26°	968.7
27°	919.0
28°	863.1
29°	803.7
30°	739.6
31°	675.0
32°	608.4
32.5°	572.0
33°	539.2
34°	471.0
35°	403.9
36°	343.4
37°	279.3
37.5°	250.1
38°	221.4
39°	178.4
40°	146.6
42.5°	89.2
45°	56.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	31.3
50°	11.3
52.5°	2.6
55°	1.5
57.5°	1.0
60°	1.0
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)