

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: P1247089

Luminaire Tested: P3A13R659024DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659024DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

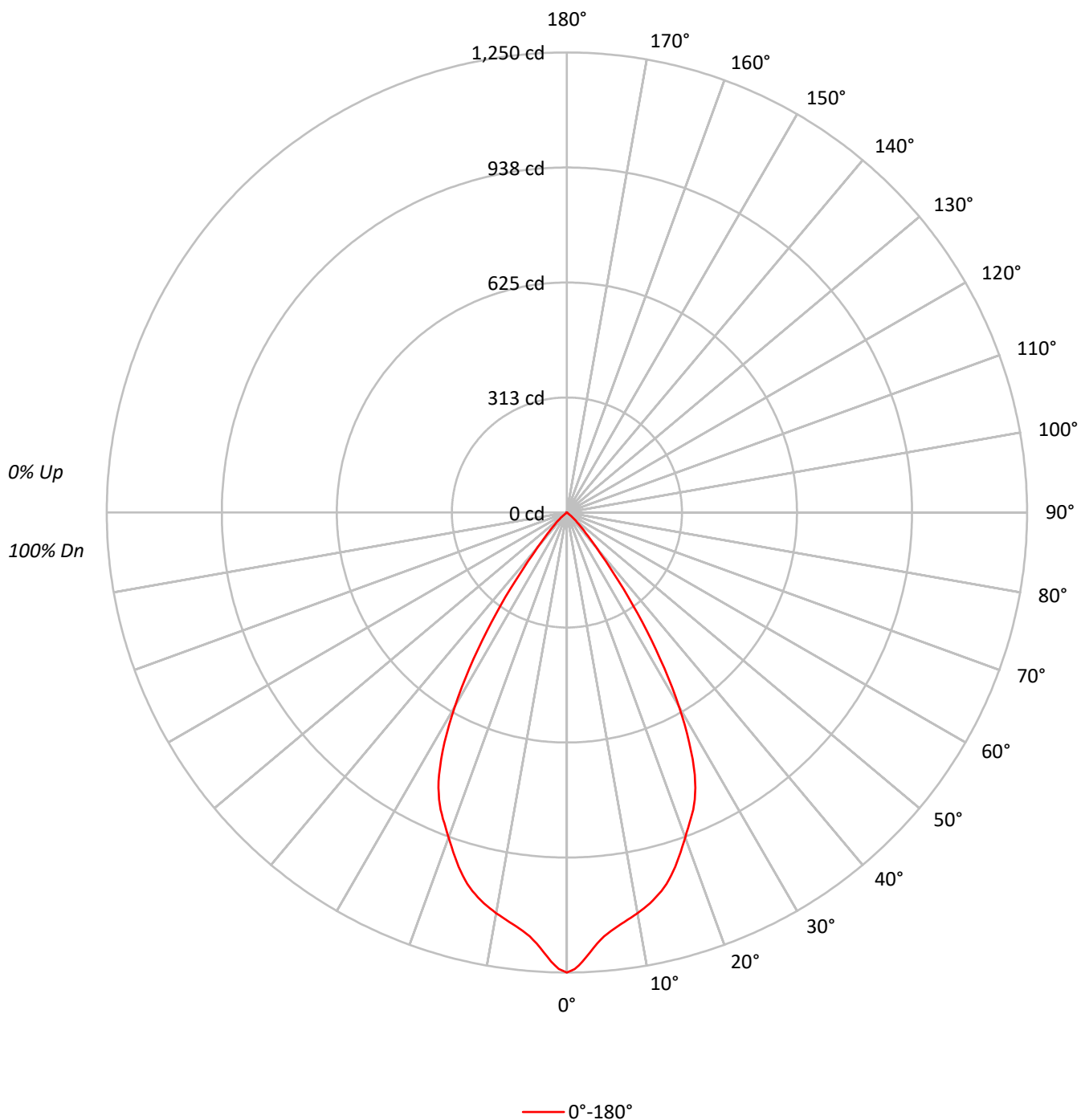
Lumens per Lamp: N/A
Luminaire Lumens: 1022.9 lumens
Efficiency: N/A
Efficacy: 70.1 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1247089

CATALOG NUMBER: P3A13R659024DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1247089

CATALOG NUMBER: P3A13R659024DE010 E3D1WMH

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	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274123
5°	254523
10°	246132
15°	237209
20°	219306
25°	199802
30°	154378
35°	89490
40°	35495
45°	15133
50°	3582
55°	497
60°	351
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15133 cd/sqm

TEST NUMBER: P1247089

CATALOG NUMBER: P3A13R659024DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.1	10.7
10°-20°	291.1	28.5
20°-30°	368.5	36.0
30°-40°	209.8	20.5
40°-50°	41.7	4.1
50°-60°	2.1	0.2
60°-70°	0.5	0.1
70°-80°	0.1	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°	768.7	75.1
0°-40°	978.5	95.7
0°-60°	1022.4	99.9
0°-90°	1022.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1022.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1250	
5°	1156	109
15°	1045	291
25°	826	368
35°	334	210
45°	49	42
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1247089

CATALOG NUMBER: P3A13R659024DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1250.1
1°	1240.8
2°	1220.7
3°	1197.1
4°	1174.0
5°	1156.3
6°	1143.3
7°	1132.8
8°	1123.5
9°	1114.3
10°	1105.4
11°	1095.8
12°	1085.7
13°	1073.5
14°	1060.4
15°	1044.9
16°	1026.4
17°	1006.2
18°	984.3
19°	961.2
20°	939.8
21°	917.9
22°	898.1
23°	877.5
24°	853.6
25°	825.8
26°	792.6
27°	752.7
28°	707.7
29°	659.7
30°	609.7
31°	554.6
32°	499.9
32.5°	471.8
33°	444.4
34°	388.9
35°	334.3
36°	283.8
37°	233.8
37.5°	208.1
38°	187.5
39°	151.8
40°	124.0
42.5°	76.5
45°	48.8



TEST NUMBER: P1247089

CATALOG NUMBER: P3A13R659024DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	28.6
50°	10.5
52.5°	2.1
55°	1.3
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
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)