

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: P1276288

Luminaire Tested: P3AS13R659835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276288
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: P3AS13R659835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

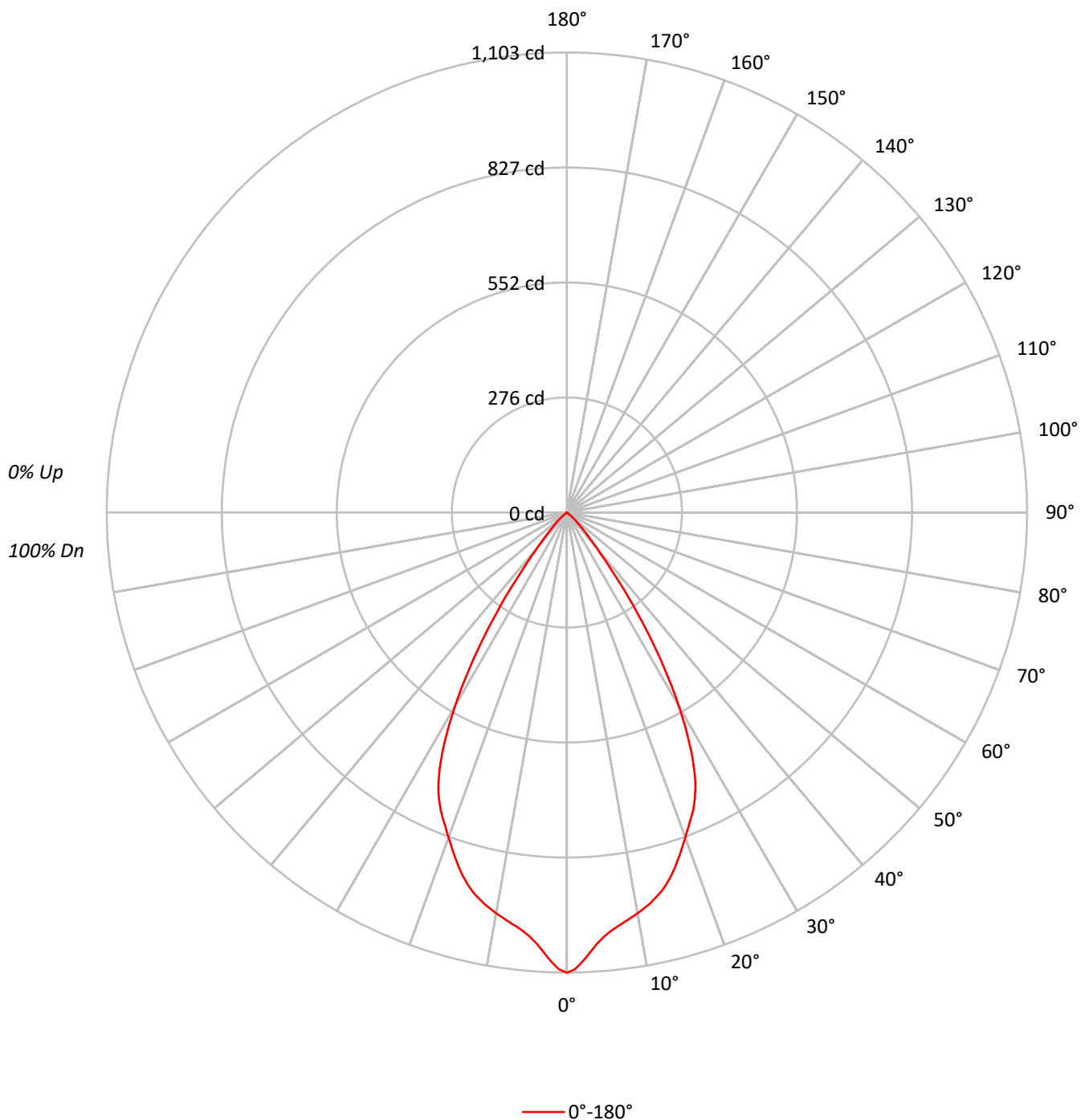
Lumens per Lamp: N/A
Luminaire Lumens: 903.0 lumens
Efficiency: N/A
Efficacy: 62.3 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1276288

CATALOG NUMBER: P3AS13R659835DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1276288

CATALOG NUMBER: P3AS13R659835DE010 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		67
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°	241954
5°	224675
10°	217275
15°	209377
20°	193567
25°	176381
30°	136274
35°	78996
40°	31344
45°	13366
50°	3173
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13366 cd/sqm

TEST NUMBER: P1276288

CATALOG NUMBER: P3AS13R659835DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.3	10.7
10°-20°	257.0	28.5
20°-30°	325.3	36.0
30°-40°	185.2	20.5
40°-50°	36.8	4.1
50°-60°	1.9	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°	678.5	75.1
0°-40°	863.7	95.7
0°-60°	902.5	99.9
0°-90°	903.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	903.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1103	
5°	1021	96
15°	922	257
25°	729	325
35°	295	185
45°	43	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1276288

CATALOG NUMBER: P3AS13R659835DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1103.4
1°	1095.3
2°	1077.5
3°	1056.7
4°	1036.3
5°	1020.7
6°	1009.2
7°	999.9
8°	991.7
9°	983.6
10°	975.8
11°	967.2
12°	958.3
13°	947.6
14°	936.1
15°	922.3
16°	906.0
17°	888.2
18°	868.9
19°	848.5
20°	829.5
21°	810.2
22°	792.8
23°	774.6
24°	753.4
25°	729.0
26°	699.6
27°	664.4
28°	624.7
29°	582.3
30°	538.2
31°	489.6
32°	441.3
32.5°	416.4
33°	392.3
34°	343.3
35°	295.1
36°	250.5
37°	206.4
37.5°	183.7
38°	165.5
39°	134.0
40°	109.5
42.5°	67.6
45°	43.1



TEST NUMBER: P1276288

CATALOG NUMBER: P3AS13R659835DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	25.2
50°	9.3
52.5°	1.9
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
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)