

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: P1276119

Luminaire Tested: P3AS13R359835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276119
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

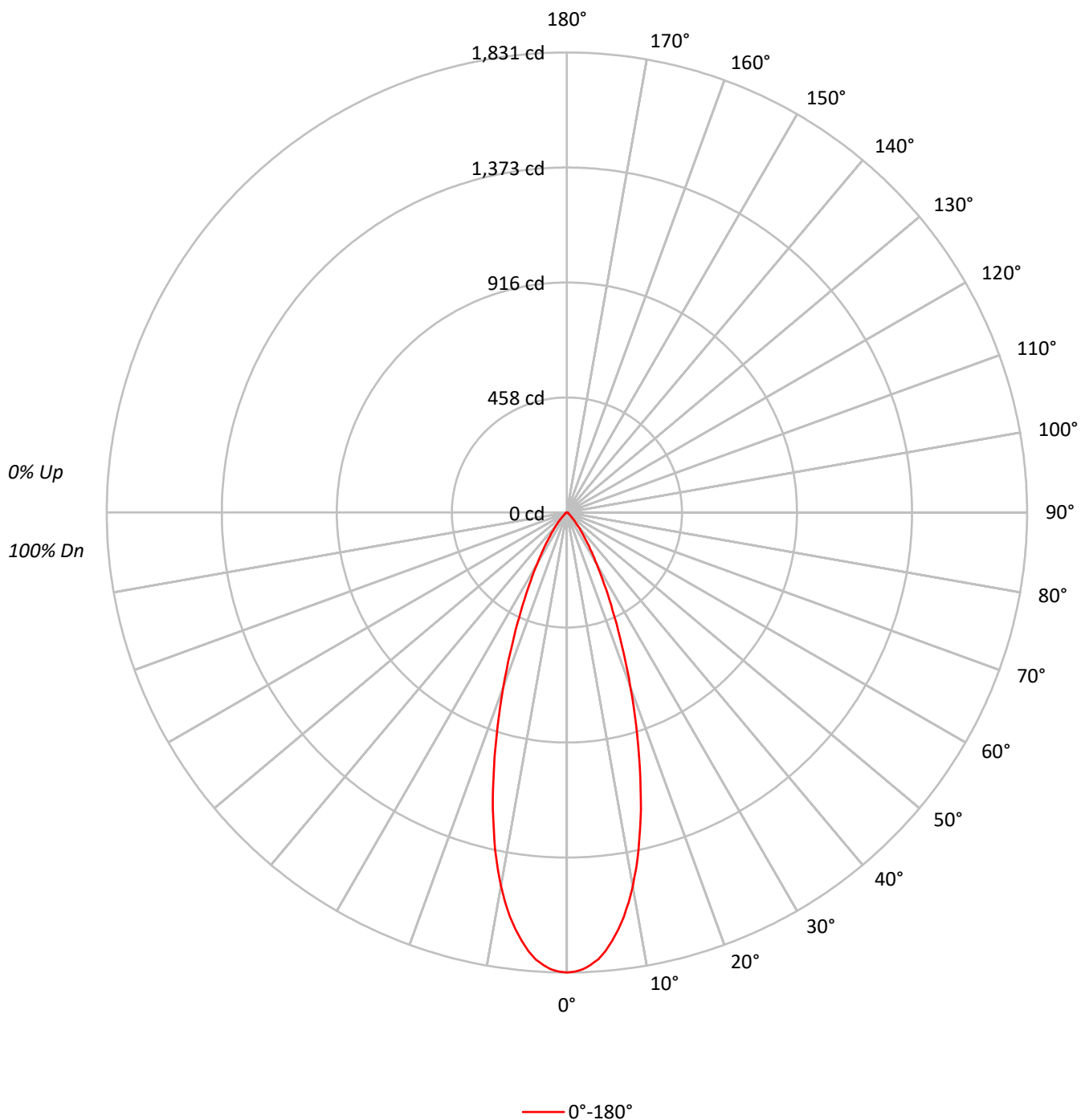
Lumens per Lamp: N/A
Luminaire Lumens: 796.0 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276119

CATALOG NUMBER: P3AS13R359835DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276119

CATALOG NUMBER: P3AS13R359835DE010 E3DL1MW

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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	401459
5°	385845
10°	336177
15°	257482
20°	172262
25°	104232
30°	59807
35°	33435
40°	17776
45°	9148
50°	4401
55°	3479
60°	3333
65°	2750
70°	2885
75°	2542
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9148 cd/sqm

TEST NUMBER: P1276119

CATALOG NUMBER: P3AS13R359835DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.5	20.0
10°-20°	309.1	38.8
20°-30°	202.3	25.4
30°-40°	82.1	10.3
40°-50°	24.6	3.1
50°-60°	8.4	1.1
60°-70°	5.6	0.7
70°-80°	3.3	0.4
80°-90°	1.2	0.1
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°	670.9	84.3
0°-40°	752.9	94.6
0°-60°	785.9	98.7
0°-90°	796.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	796.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1831	
5°	1753	159
15°	1134	309
25°	431	202
35°	125	82
45°	30	25
55°	9	8
65°	5	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1276119

CATALOG NUMBER: P3AS13R359835DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1830.8
1°	1827.8
2°	1819.5
3°	1802.8
4°	1783.1
5°	1752.9
6°	1715.0
7°	1672.6
8°	1624.9
9°	1570.4
10°	1509.8
11°	1442.4
12°	1372.0
13°	1293.2
14°	1218.3
15°	1134.2
17.5°	930.6
20°	738.2
22.5°	567.9
25°	430.8
27.5°	321.0
30°	236.2
32.5°	173.4
35°	124.9
37.5°	88.6
40°	62.1
42.5°	43.2
45°	29.5
47.5°	19.7
50°	12.9
52.5°	9.8
55°	9.1
57.5°	8.3
60°	7.6
62.5°	6.8
65°	5.3
67.5°	4.5
70°	4.5
72.5°	3.8
75°	3.0
77.5°	2.3
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8



TEST NUMBER: P1276119

CATALOG NUMBER: P3AS13R359835DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)