

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: P1276059

Luminaire Tested: P3AS13R259835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276059
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

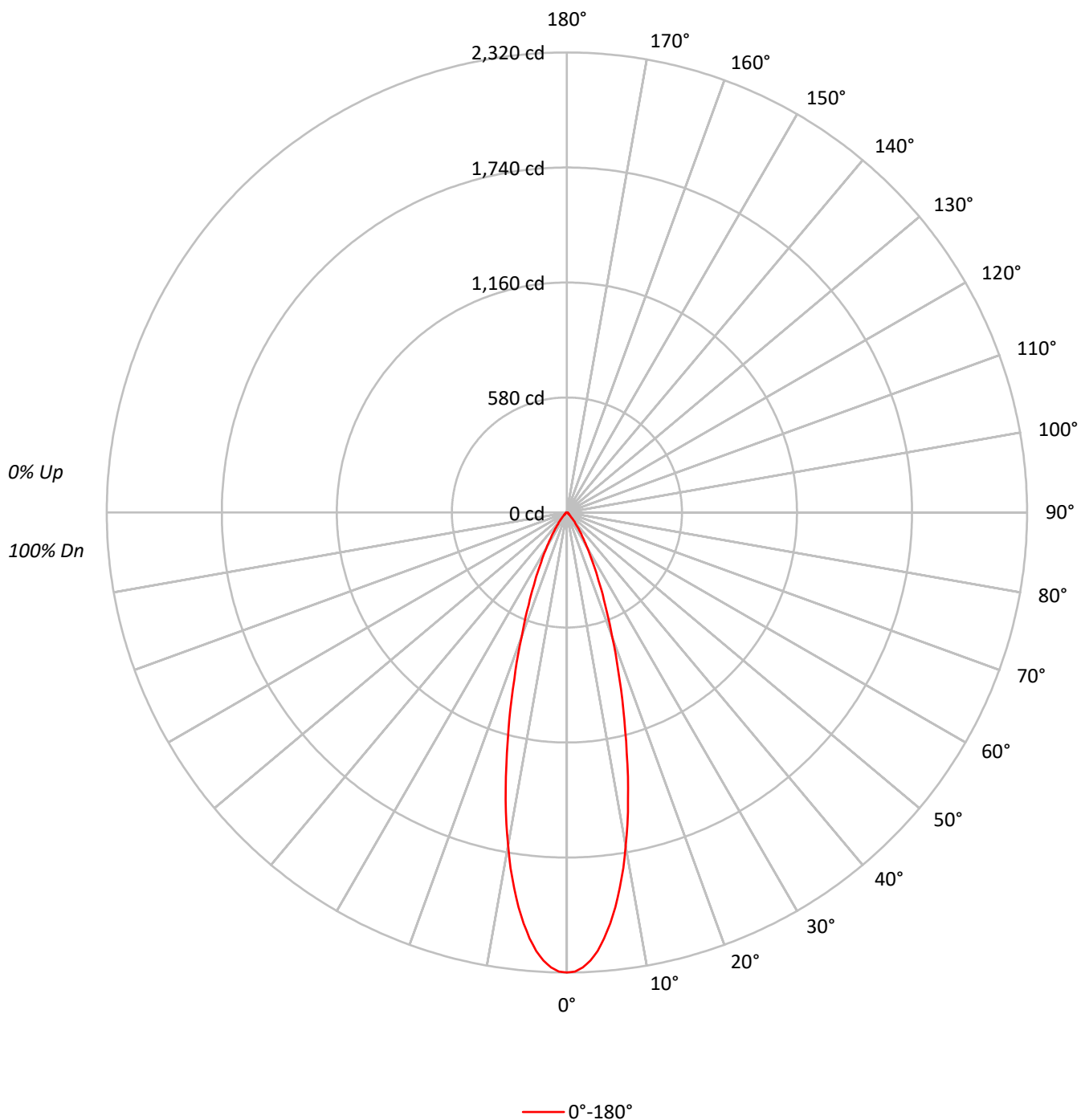
Lumens per Lamp: N/A
Luminaire Lumens: 793.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276059

CATALOG NUMBER: P3AS13R259835DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276059

CATALOG NUMBER: P3AS13R259835DE010 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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	508687
5°	474597
10°	380176
15°	258072
20°	156160
25°	91312
30°	52008
35°	28616
40°	15171
45°	8001
50°	4640
55°	3479
60°	2982
65°	3165
70°	2885
75°	2542
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8001 cd/sqm

TEST NUMBER: P1276059

CATALOG NUMBER: P3AS13R259835DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.3	24.1
10°-20°	312.5	39.4
20°-30°	178.6	22.5
30°-40°	70.5	8.9
40°-50°	21.6	2.7
50°-60°	8.5	1.1
60°-70°	5.7	0.7
70°-80°	3.2	0.4
80°-90°	1.0	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°	682.5	86.1
0°-40°	752.9	94.9
0°-60°	783.0	98.7
0°-90°	793.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	793.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2320	
5°	2156	191
15°	1137	313
25°	377	179
35°	107	70
45°	26	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1276059

CATALOG NUMBER: P3AS13R259835DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2319.8
1°	2315.2
2°	2296.3
3°	2262.9
4°	2216.7
5°	2156.1
6°	2084.8
7°	2004.5
8°	1911.3
9°	1815.8
10°	1707.4
11°	1600.6
12°	1483.1
13°	1367.2
14°	1248.2
15°	1136.8
17.5°	881.4
20°	669.2
22.5°	502.5
25°	377.4
27.5°	279.6
30°	205.4
32.5°	148.5
35°	106.9
37.5°	75.8
40°	53.0
42.5°	36.4
45°	25.8
47.5°	18.2
50°	13.6
52.5°	10.6
55°	9.1
57.5°	8.3
60°	6.8
62.5°	6.1
65°	6.1
67.5°	5.3
70°	4.5
72.5°	3.8
75°	3.0
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.8



TEST NUMBER: P1276059

CATALOG NUMBER: P3AS13R259835DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)