

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: P1257345

Luminaire Tested: P3AS13R259040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257345
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: P3AS13R259040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

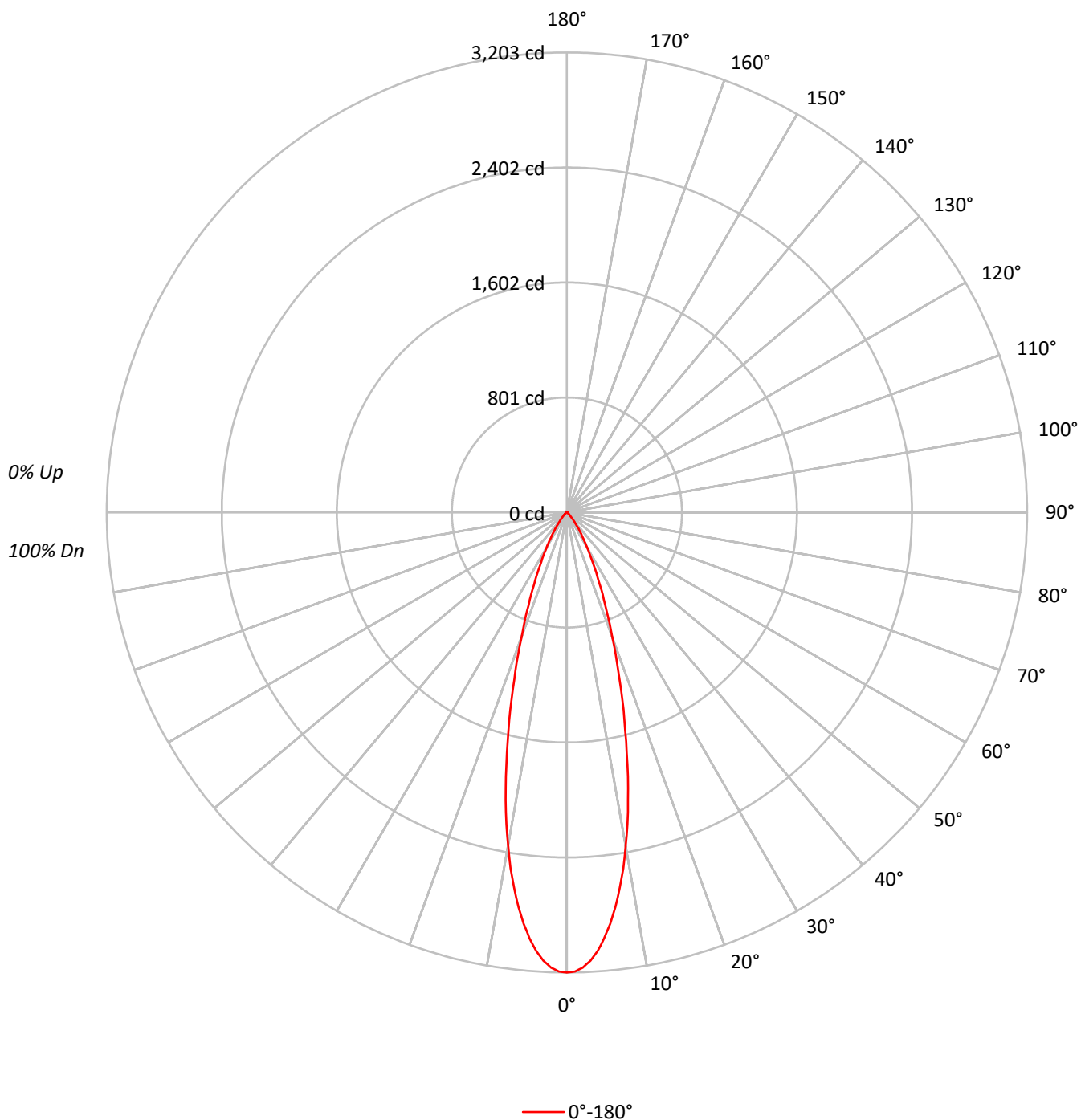
Lumens per Lamp: N/A
Luminaire Lumens: 1095.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1257345

CATALOG NUMBER: P3AS13R259040DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257345

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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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	86	81	78		84	80	77		83	79	77		82	78	76
7	90	83	78	74		89	82	77	74		81	77	74		80	76	73		79	75	73
8	87	79	74	71		86	79	74	71		78	74	71		77	73	70		76	73	70
9	84	76	71	68		83	76	71	68		75	71	68		74	70	68		73	70	67
10	81	73	69	65		80	73	68	65		72	68	65		72	68	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	702400
5°	655336
10°	524974
15°	356347
20°	215619
25°	126080
30°	71809
35°	39511
40°	20982
45°	11040
50°	6413
55°	4817
60°	4122
65°	4358
70°	4039
75°	3558
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11040 cd/sqm

TEST NUMBER: P1257345

CATALOG NUMBER: P3AS13R259040DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.2	24.1
10°-20°	431.5	39.4
20°-30°	246.6	22.5
30°-40°	97.3	8.9
40°-50°	29.8	2.7
50°-60°	11.8	1.1
60°-70°	7.9	0.7
70°-80°	4.4	0.4
80°-90°	1.4	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°	942.3	86.1
0°-40°	1039.6	94.9
0°-60°	1081.3	98.7
0°-90°	1095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1095.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3203	
5°	2977	264
15°	1570	432
25°	521	247
35°	148	97
45°	36	30
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1257345

CATALOG NUMBER: P3AS13R259040DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3203.2
1°	3196.9
2°	3170.8
3°	3124.7
4°	3060.9
5°	2977.2
6°	2878.8
7°	2767.9
8°	2639.2
9°	2507.3
10°	2357.7
11°	2210.1
12°	2047.9
13°	1887.8
14°	1723.5
15°	1569.7
17.5°	1217.0
20°	924.0
22.5°	693.8
25°	521.1
27.5°	386.1
30°	283.6
32.5°	205.1
35°	147.6
37.5°	104.6
40°	73.3
42.5°	50.2
45°	35.6
47.5°	25.1
50°	18.8
52.5°	14.7
55°	12.6
57.5°	11.5
60°	9.4
62.5°	8.4
65°	8.4
67.5°	7.3
70°	6.3
72.5°	5.2
75°	4.2
77.5°	3.1
80°	2.1
82.5°	2.1
85°	1.0
87.5°	1.0



TEST NUMBER: P1257345

CATALOG NUMBER: P3AS13R259040DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)