

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: P1249224

Luminaire Tested: P3AS13R259027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249224
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: P3AS13R259027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

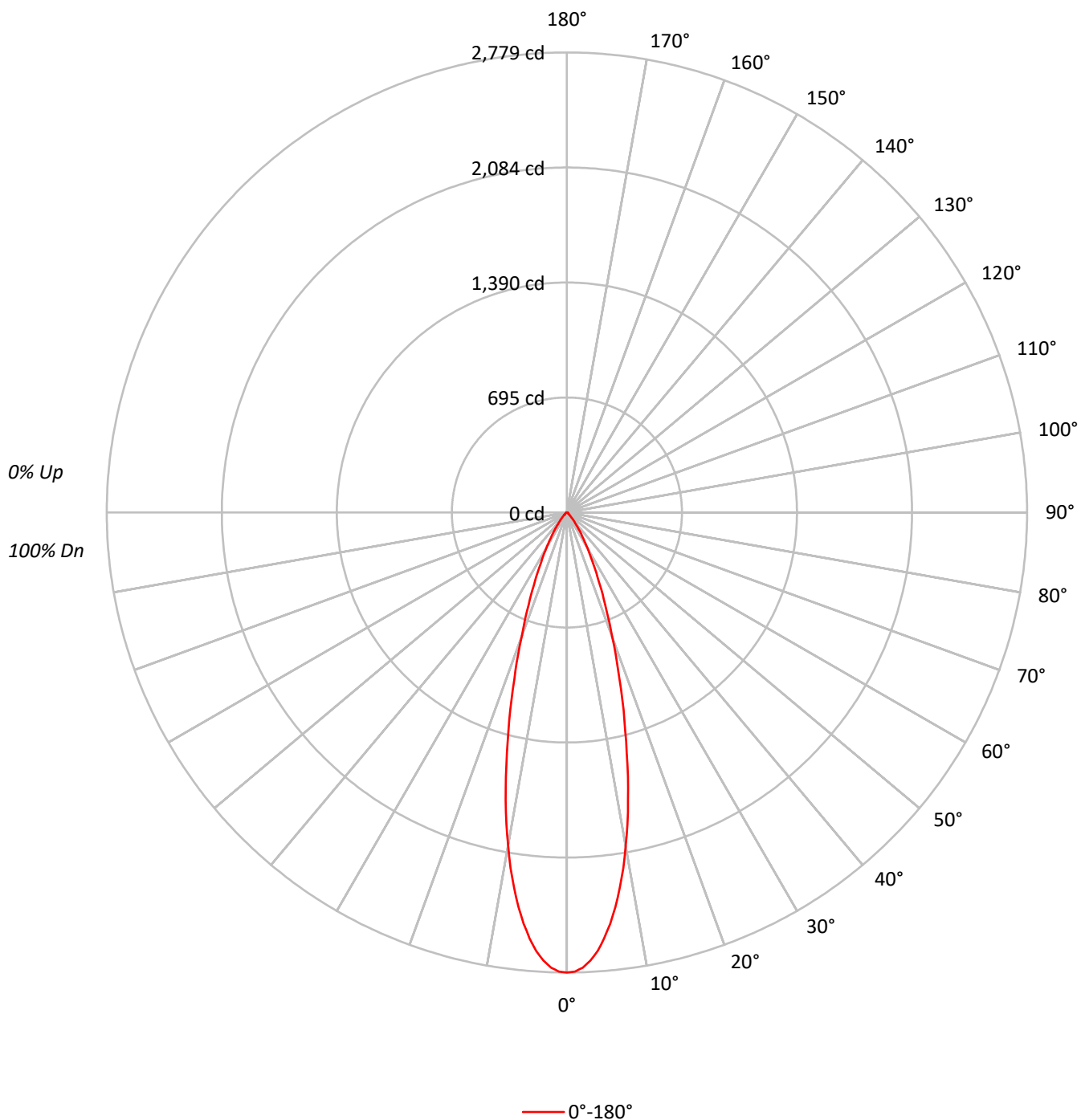
Lumens per Lamp: N/A
Luminaire Lumens: 950.0 lumens
Efficiency: N/A
Efficacy: 65.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249224

CATALOG NUMBER: P3AS13R259027DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1249224

CATALOG NUMBER: P3AS13R259027DE010 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°	609381
5°	568544
10°	455458
15°	309150
20°	187080
25°	109385
30°	62288
35°	34265
40°	18206
45°	9582
50°	5561
55°	4167
60°	3596
65°	3788
70°	3462
75°	3050
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9582 cd/sqm

TEST NUMBER: P1249224

CATALOG NUMBER: P3AS13R259027DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.2	24.1
10°-20°	374.4	39.4
20°-30°	213.9	22.5
30°-40°	84.4	8.9
40°-50°	25.9	2.7
50°-60°	10.2	1.1
60°-70°	6.9	0.7
70°-80°	3.8	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°	817.5	86.1
0°-40°	902.0	94.9
0°-60°	938.1	98.7
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2779	
5°	2583	229
15°	1362	374
25°	452	214
35°	128	84
45°	31	26
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1249224

CATALOG NUMBER: P3AS13R259027DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2779.0
1°	2773.6
2°	2750.9
3°	2710.9
4°	2655.6
5°	2582.9
6°	2497.6
7°	2401.4
8°	2289.7
9°	2175.3
10°	2045.5
11°	1917.5
12°	1776.7
13°	1637.8
14°	1495.3
15°	1361.8
17.5°	1055.9
20°	801.7
22.5°	601.9
25°	452.1
27.5°	335.0
30°	246.0
32.5°	177.9
35°	128.0
37.5°	90.8
40°	63.6
42.5°	43.6
45°	30.9
47.5°	21.8
50°	16.3
52.5°	12.7
55°	10.9
57.5°	10.0
60°	8.2
62.5°	7.3
65°	7.3
67.5°	6.4
70°	5.4
72.5°	4.5
75°	3.6
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.9



TEST NUMBER: P1249224

CATALOG NUMBER: P3AS13R259027DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)