

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: P1246857

Luminaire Tested: P3A13R259024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246857
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: P3A13R259024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

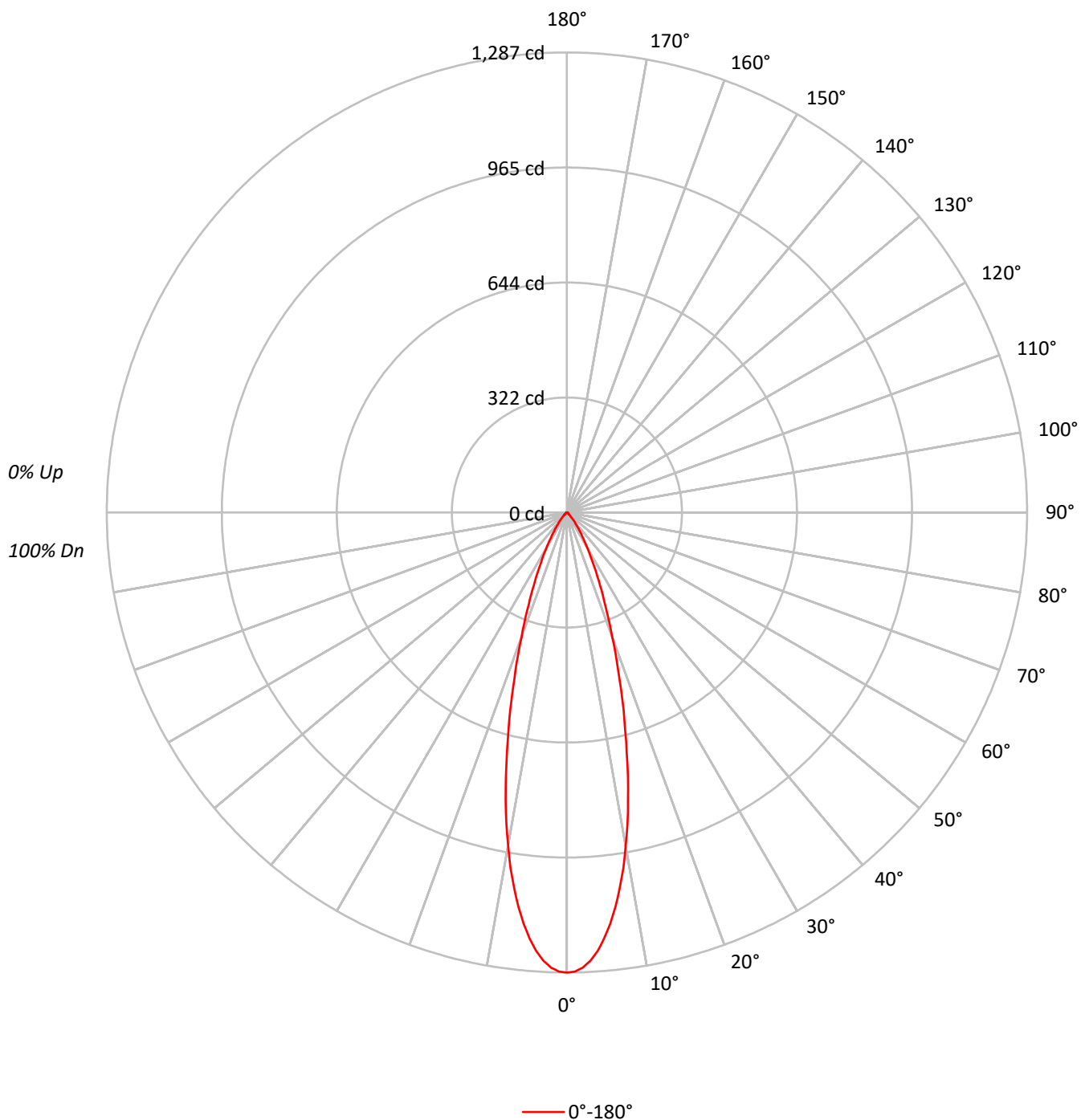
Lumens per Lamp: N/A
Luminaire Lumens: 440.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246857

CATALOG NUMBER: P3A13R259024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1246857

CATALOG NUMBER: P3A13R259024DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	282236
5°	263328
10°	210951
15°	143179
20°	86644
25°	50664
30°	28865
35°	15874
40°	8416
45°	4435
50°	2593
55°	1912
60°	1667
65°	1764
70°	1603
75°	1440
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4435 cd/sqm

TEST NUMBER: P1246857

CATALOG NUMBER: P3A13R259024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.2	24.1
10°-20°	173.4	39.4
20°-30°	99.1	22.5
30°-40°	39.1	8.9
40°-50°	12.0	2.7
50°-60°	4.7	1.1
60°-70°	3.2	0.7
70°-80°	1.8	0.4
80°-90°	0.5	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°	378.7	86.1
0°-40°	417.8	94.9
0°-60°	434.5	98.7
0°-90°	440.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	440.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1287	
5°	1196	106
15°	631	173
25°	209	99
35°	59	39
45°	14	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1246857

CATALOG NUMBER: P3A13R259024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1287.1
1°	1284.6
2°	1274.1
3°	1255.6
4°	1229.9
5°	1196.3
6°	1156.8
7°	1112.2
8°	1060.5
9°	1007.5
10°	947.4
11°	888.1
12°	822.9
13°	758.6
14°	692.6
15°	630.7
17.5°	489.0
20°	371.3
22.5°	278.8
25°	209.4
27.5°	155.2
30°	114.0
32.5°	82.4
35°	59.3
37.5°	42.0
40°	29.4
42.5°	20.2
45°	14.3
47.5°	10.1
50°	7.6
52.5°	5.9
55°	5.0
57.5°	4.6
60°	3.8
62.5°	3.4
65°	3.4
67.5°	2.9
70°	2.5
72.5°	2.1
75°	1.7
77.5°	1.3
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1246857

CATALOG NUMBER: P3A13R259024DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)