

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: P1246847

Luminaire Tested: P3A13R259024DE010 E3CB1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246847
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259024DE010 E3CB1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

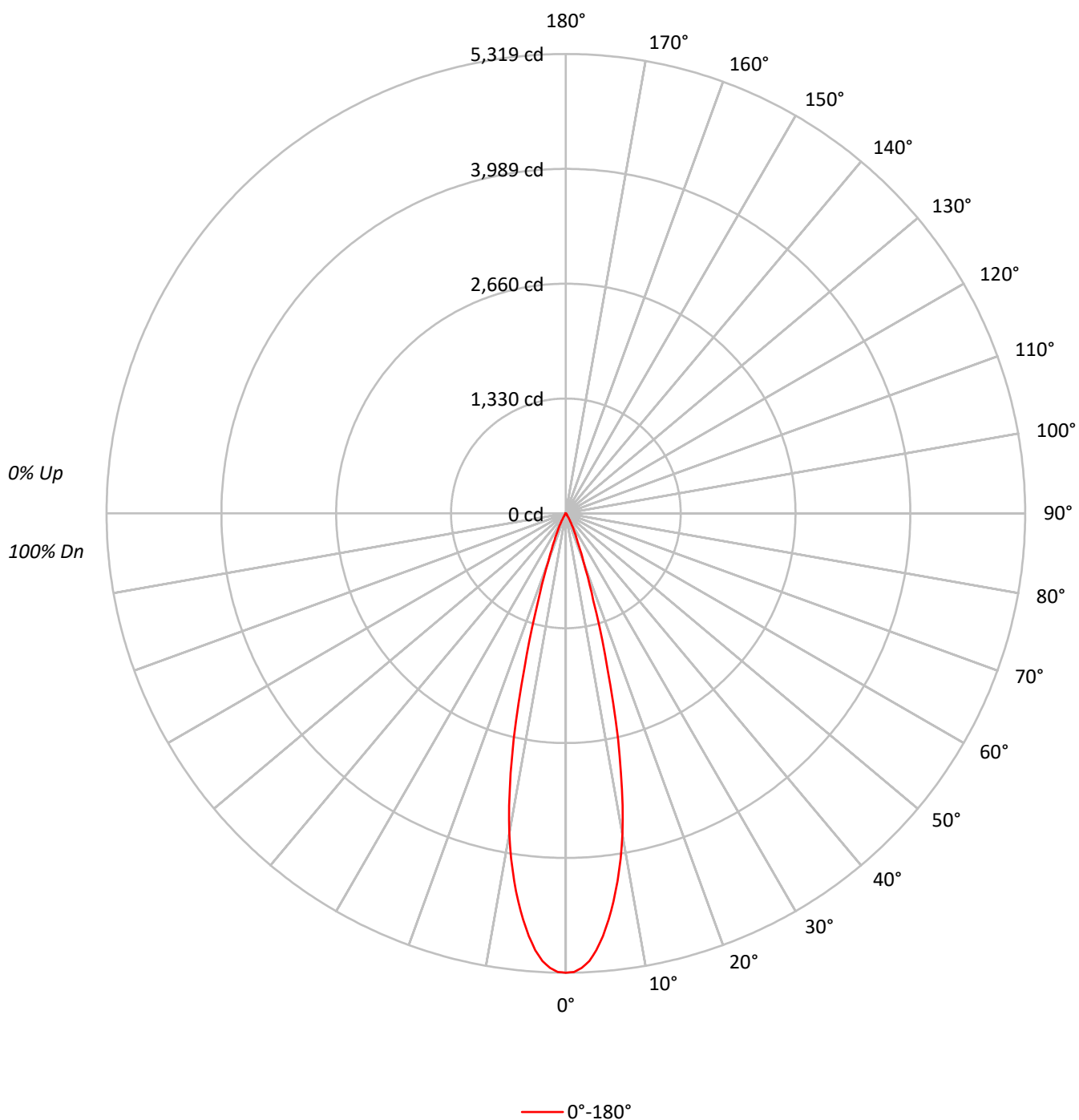
Lumens per Lamp: N/A
Luminaire Lumens: 1091.0 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246847

CATALOG NUMBER: P3A13R259024DE010 E3CB1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1246847

CATALOG NUMBER: P3A13R259024DE010 E3CB1MMS

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	84	84
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	82	82
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	80	80
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	78	78
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1166442
5°	1081837
10°	838996
15°	420683
20°	138215
25°	54947
30°	20611
35°	5970
40°	2691
45°	1054
50°	887
55°	650
60°	746
65°	882
70°	577
75°	763
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 1137 cd/sqm

TEST NUMBER: P1246847

CATALOG NUMBER: P3A13R259024DE010 E3CB1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.3	39.6
10°-20°	515.7	47.3
20°-30°	116.3	10.7
30°-40°	18.9	1.7
40°-50°	3.4	0.3
50°-60°	1.8	0.2
60°-70°	1.6	0.1
70°-80°	1.0	0.1
80°-90°	0.1	0.0
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°	1064.3	97.5
0°-40°	1083.2	99.3
0°-60°	1088.4	99.8
0°-90°	1091.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1091.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5319	
5°	4915	432
15°	1853	516
25°	227	116
35°	22	19
45°	3	3
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1246847

CATALOG NUMBER: P3A13R259024DE010 E3CB1MMS

CANDELA DISTRIBUTION (FULL):

0°	
0°	5319.4
1°	5310.8
2°	5268.0
3°	5189.1
4°	5070.0
5°	4914.8
6°	4729.7
7°	4529.1
8°	4299.4
9°	4048.2
10°	3768.0
11°	3444.8
12°	3072.8
13°	2683.7
14°	2266.3
15°	1853.1
17.5°	1056.0
20°	592.3
22.5°	357.4
25°	227.1
27.5°	139.7
30°	81.4
32.5°	42.9
35°	22.3
37.5°	14.6
40°	9.4
42.5°	6.0
45°	3.4
47.5°	2.6
50°	2.6
52.5°	2.6
55°	1.7
57.5°	1.7
60°	1.7
62.5°	1.7
65°	1.7
67.5°	1.7
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1246847

CATALOG NUMBER: P3A13R259024DE010 E3CB1MMS

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)