

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: P1267629

Luminaire Tested: P3A13R659735DE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267629
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659735DE010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

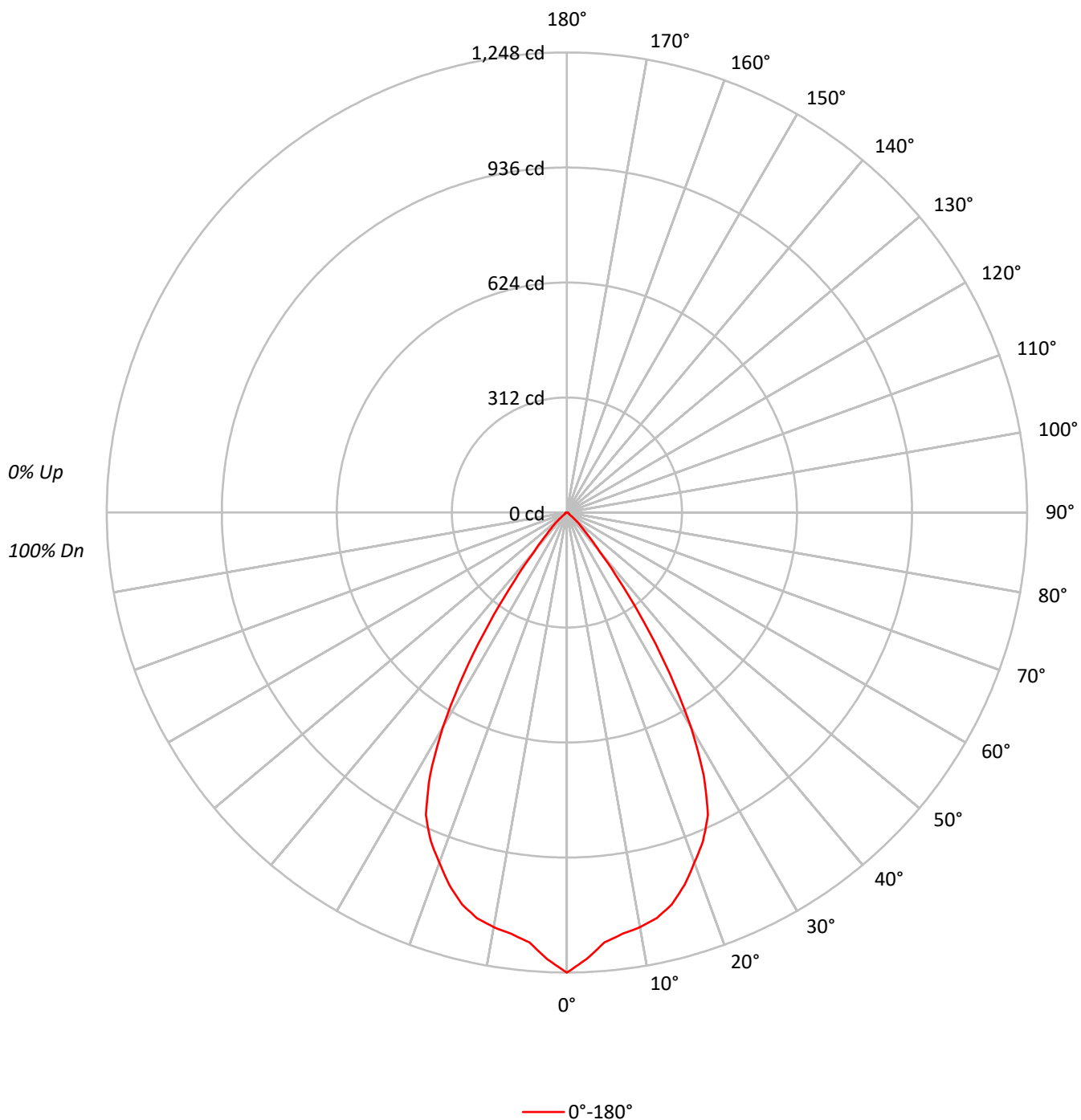
Lumens per Lamp: N/A
Luminaire Lumens: 1119.9 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267629

CATALOG NUMBER: P3A13R659735DE010 E3CB1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1267629

CATALOG NUMBER: P3A13R659735DE010 E3CB1MB

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	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	273706
5°	257604
10°	254326
15°	249831
20°	235897
25°	218940
30°	170178
35°	98457
40°	39674
45°	18265
50°	7096
55°	2753
60°	2368
65°	2335
70°	2308
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18265 cd/sqm

TEST NUMBER: P1267629

CATALOG NUMBER: P3A13R659735DE010 E3CB1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.3	9.9
10°-20°	307.3	27.4
20°-30°	402.3	35.9
30°-40°	233.0	20.8
40°-50°	49.9	4.5
50°-60°	8.1	0.7
60°-70°	4.5	0.4
70°-80°	2.6	0.2
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°	820.9	73.3
0°-40°	1053.9	94.1
0°-60°	1111.9	99.3
0°-90°	1119.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1119.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1248	
5°	1170	111
15°	1100	307
25°	905	402
35°	368	233
45°	59	50
55°	7	8
65°	4	4
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1267629

CATALOG NUMBER: P3A13R659735DE010 E3CB1MB

CANDELA DISTRIBUTION (FULL):

	0°
0°	1248.2
2.5°	1212.9
5°	1170.3
7.5°	1153.1
10°	1142.2
12.5°	1126.8
15°	1100.5
17.5°	1059.8
20°	1010.9
22.5°	964.7
25°	904.9
27.5°	804.3
30°	672.1
32.5°	520.8
35°	367.8
37.5°	232.8
40°	138.6
42.5°	87.0
45°	58.9
47.5°	38.0
50°	20.8
52.5°	10.0
55°	7.2
57.5°	6.3
60°	5.4
62.5°	5.4
65°	4.5
67.5°	3.6
70°	3.6
72.5°	2.7
75°	2.7
77.5°	1.8
80°	1.8
82.5°	0.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)