

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: P1246932

Luminaire Tested: P3A13R359024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246932
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

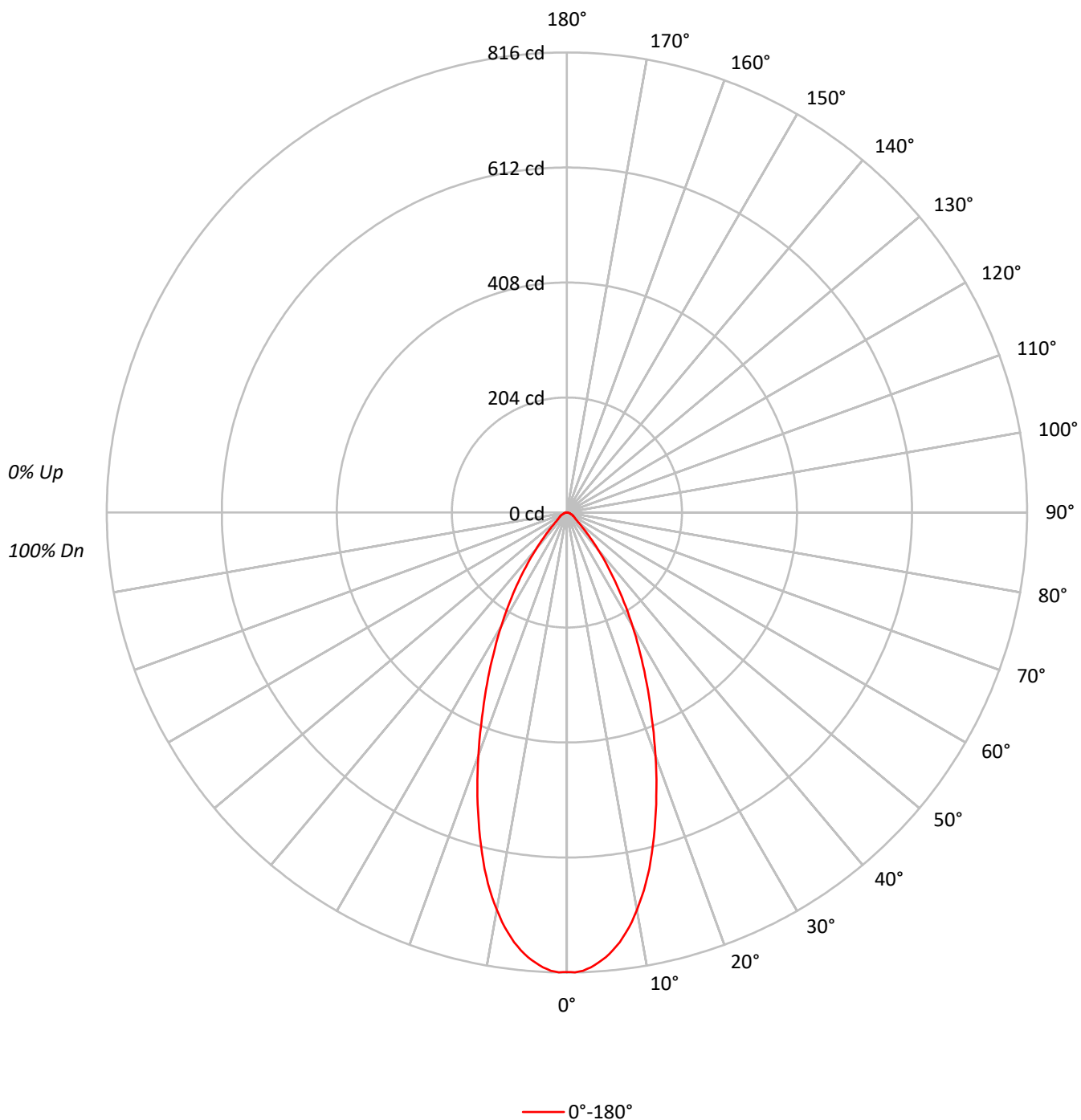
Lumens per Lamp: N/A
Luminaire Lumens: 556.0 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1246932

CATALOG NUMBER: P3A13R359024DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246932

CATALOG NUMBER: P3A13R359024DE010 E3DLP1MW

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	178714
5°	174312
10°	159360
15°	135256
20°	107086
25°	80980
30°	58971
35°	39886
40°	24503
45°	14079
50°	8460
55°	6881
60°	6008
65°	5344
70°	4360
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14079 cd/sqm

TEST NUMBER: P1246932

CATALOG NUMBER: P3A13R359024DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.2	13.2
10°-20°	164.3	29.5
20°-30°	153.7	27.6
30°-40°	94.1	16.9
40°-50°	37.1	6.7
50°-60°	16.3	2.9
60°-70°	10.2	1.8
70°-80°	5.4	1.0
80°-90°	1.9	0.3
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°	391.1	70.3
0°-40°	485.2	87.3
0°-60°	538.5	96.9
0°-90°	556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	556.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	815	
5°	792	73
15°	596	164
25°	335	154
35°	149	94
45°	45	37
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1246932

CATALOG NUMBER: P3A13R359024DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	815.0
1°	815.9
2°	813.3
3°	808.1
4°	800.4
5°	791.9
6°	780.8
7°	767.9
8°	752.5
9°	735.4
10°	715.7
11°	695.1
12°	672.9
13°	648.9
14°	622.4
15°	595.8
17.5°	527.4
20°	458.9
22.5°	392.9
25°	334.7
27.5°	280.8
30°	232.9
32.5°	188.3
35°	149.0
37.5°	113.9
40°	85.6
42.5°	61.6
45°	45.4
47.5°	32.5
50°	24.8
52.5°	20.5
55°	18.0
57.5°	15.4
60°	13.7
62.5°	12.0
65°	10.3
67.5°	8.6
70°	6.8
72.5°	6.0
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9



TEST NUMBER: P1246932

CATALOG NUMBER: P3A13R359024DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)