

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: P1247105

Luminaire Tested: P3A13R659024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247105
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

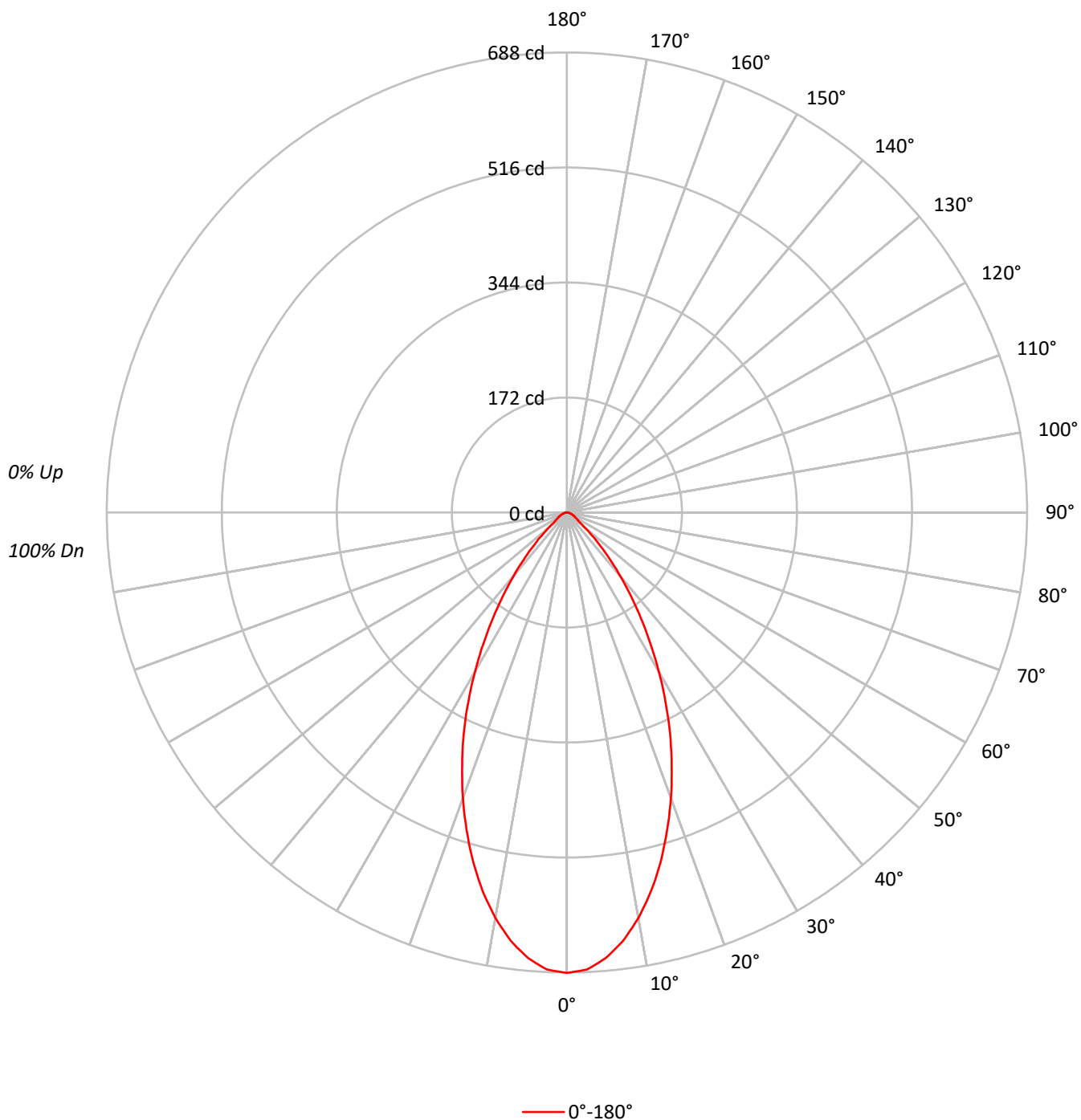
Lumens per Lamp: N/A
Luminaire Lumens: 594.0 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247105

CATALOG NUMBER: P3A13R659024DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247105

CATALOG NUMBER: P3A13R659024DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150975
5°	147215
10°	137116
15°	122861
20°	106106
25°	88263
30°	69606
35°	51584
40°	35552
45°	22049
50°	11974
55°	7531
60°	6403
65°	5759
70°	4937
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22049 cd/sqm

TEST NUMBER: P1247105

CATALOG NUMBER: P3A13R659024DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.2	10.5
10°-20°	150.4	25.3
20°-30°	166.3	28.0
30°-40°	120.8	20.3
40°-50°	56.6	9.5
50°-60°	19.1	3.2
60°-70°	11.0	1.8
70°-80°	5.8	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°	378.9	63.8
0°-40°	499.7	84.1
0°-60°	575.4	96.9
0°-90°	594.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	688	
5°	669	62
15°	541	150
25°	365	166
35°	193	121
45°	71	57
55°	20	19
65°	11	11
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1247105

CATALOG NUMBER: P3A13R659024DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	688.5
2.5°	684.3
5°	668.8
7.5°	645.7
10°	615.8
12.5°	580.6
15°	541.2
17.5°	498.4
20°	454.7
22.5°	409.4
25°	364.8
27.5°	319.4
30°	274.9
32.5°	232.1
35°	192.7
37.5°	156.7
40°	124.2
42.5°	95.1
45°	71.1
47.5°	51.4
50°	35.1
52.5°	24.0
55°	19.7
57.5°	17.1
60°	14.6
62.5°	12.8
65°	11.1
67.5°	9.4
70°	7.7
72.5°	6.9
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)