

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: P1268000

Luminaire Tested: P3A17R659735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268000
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: P3A17R659735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

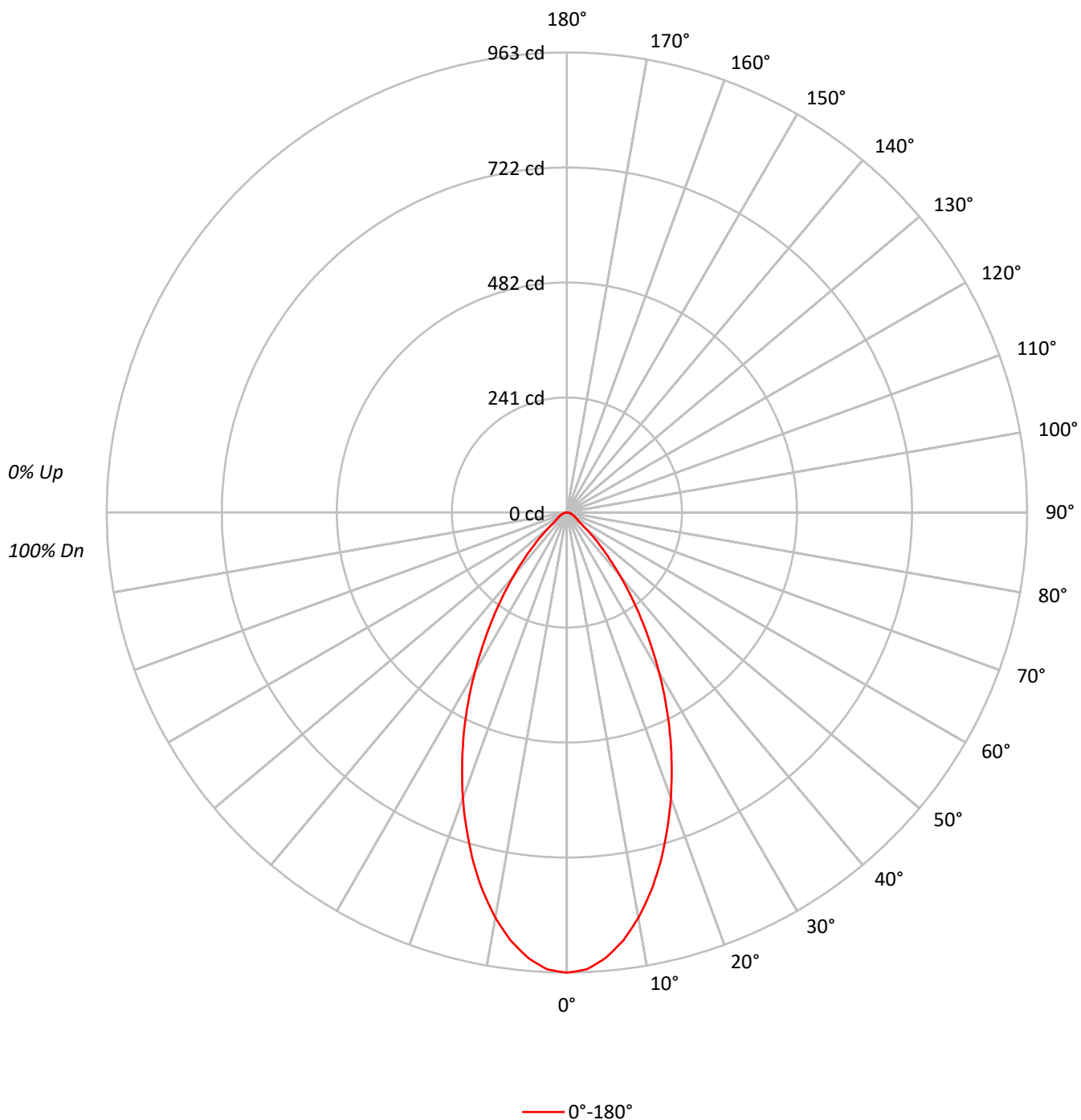
Lumens per Lamp: N/A
Luminaire Lumens: 831.1 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1268000

CATALOG NUMBER: P3A17R659735DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1268000

CATALOG NUMBER: P3A17R659735DE010 E3DLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	211233
5°	205965
10°	191802
15°	171897
20°	148460
25°	123491
30°	97382
35°	72170
40°	49722
45°	30825
50°	16750
55°	10552
60°	8947
65°	8094
70°	6924
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30825 cd/sqm

TEST NUMBER: P1268000

CATALOG NUMBER: P3A17R659735DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.0	10.5
10°-20°	210.4	25.3
20°-30°	232.7	28.0
30°-40°	169.0	20.3
40°-50°	79.2	9.5
50°-60°	26.7	3.2
60°-70°	15.4	1.9
70°-80°	8.1	1.0
80°-90°	2.6	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°	530.1	63.8
0°-40°	699.1	84.1
0°-60°	805.0	96.9
0°-90°	831.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	831.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	963	
5°	936	87
15°	757	210
25°	510	233
35°	270	169
45°	99	79
55°	28	27
65°	16	15
75°	7	8
85°	2	3
90°	0	

TEST NUMBER: P1268000

CATALOG NUMBER: P3A17R659735DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	963.3
2.5°	957.3
5°	935.7
7.5°	903.4
10°	861.4
12.5°	812.3
15°	757.2
17.5°	697.3
20°	636.2
22.5°	572.7
25°	510.4
27.5°	446.9
30°	384.6
32.5°	324.7
35°	269.6
37.5°	219.3
40°	173.7
42.5°	133.0
45°	99.4
47.5°	71.9
50°	49.1
52.5°	33.5
55°	27.6
57.5°	24.0
60°	20.4
62.5°	18.0
65°	15.6
67.5°	13.2
70°	10.8
72.5°	9.6
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)