

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: P1267767

Luminaire Tested: P3A17R259735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267767
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

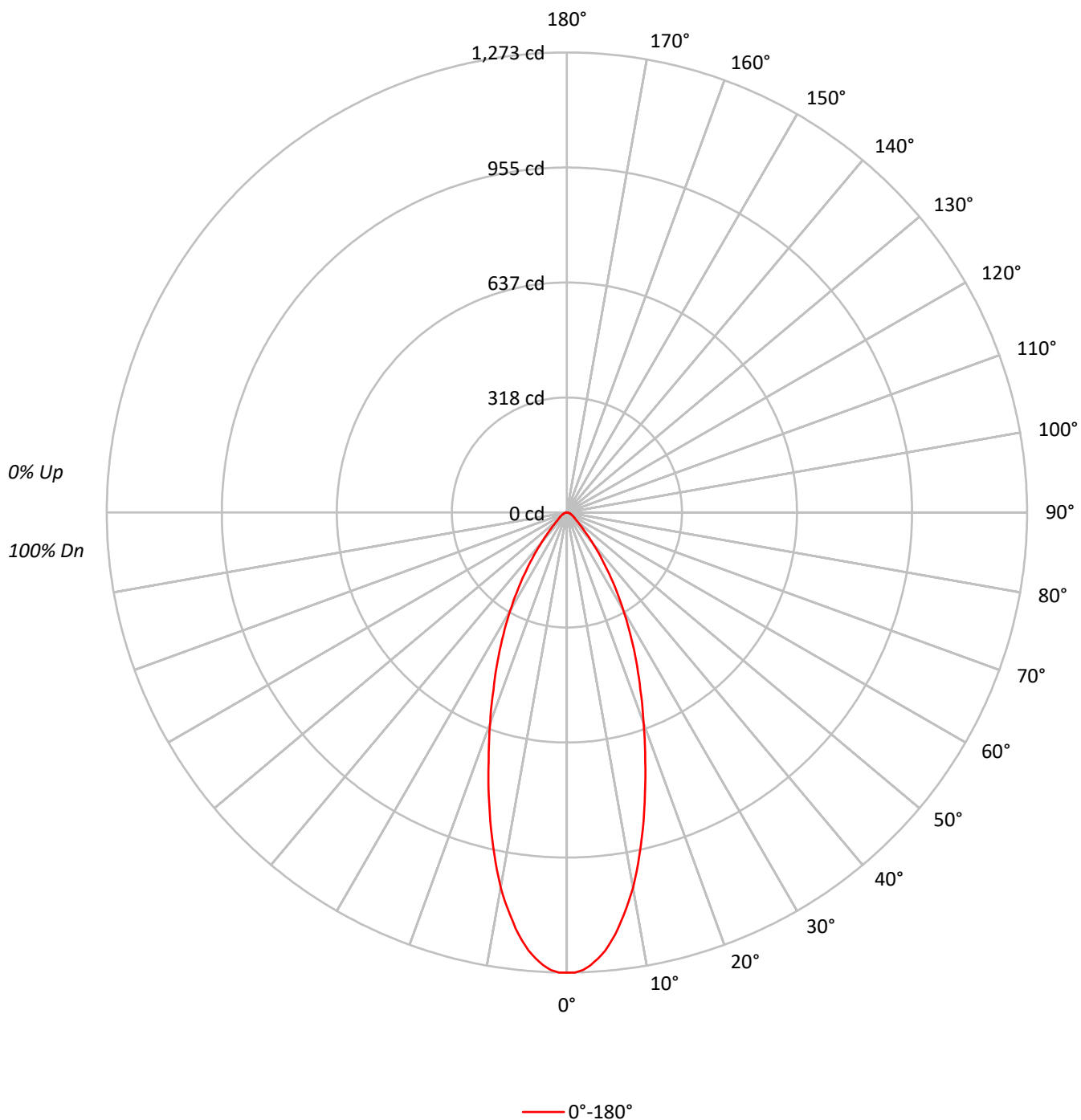
Lumens per Lamp: N/A
Luminaire Lumens: 769.0 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267767

CATALOG NUMBER: P3A17R259735DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1267767

CATALOG NUMBER: P3A17R259735DE010 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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	279188
5°	267862
10°	234643
15°	188605
20°	144913
25°	109651
30°	79227
35°	52628
40°	31917
45°	18576
50°	11872
55°	9634
60°	8420
65°	7472
70°	6155
75°	6100
80°	4546
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18576 cd/sqm

TEST NUMBER: P1267767

CATALOG NUMBER: P3A17R259735DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.8	14.4
10°-20°	229.7	29.9
20°-30°	207.8	27.0
30°-40°	124.8	16.2
40°-50°	49.6	6.4
50°-60°	22.9	3.0
60°-70°	13.9	1.8
70°-80°	7.4	1.0
80°-90°	2.1	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°	548.3	71.3
0°-40°	673.1	87.5
0°-60°	745.5	96.9
0°-90°	769.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	769.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1273	
5°	1217	111
15°	831	230
25°	453	208
35°	197	125
45°	60	50
55°	25	23
65°	14	14
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1267767

CATALOG NUMBER: P3A17R259735DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1273.2
1°	1273.2
2°	1267.2
3°	1254.0
4°	1237.2
5°	1216.9
6°	1190.5
7°	1160.5
8°	1125.7
9°	1091.0
10°	1053.8
11°	1010.7
12°	966.3
13°	921.9
14°	877.6
15°	830.8
17.5°	720.5
20°	621.0
22.5°	531.1
25°	453.2
27.5°	380.0
30°	312.9
32.5°	251.8
35°	196.6
37.5°	149.9
40°	111.5
42.5°	81.5
45°	59.9
47.5°	45.6
50°	34.8
52.5°	28.8
55°	25.2
57.5°	21.6
60°	19.2
62.5°	15.6
65°	14.4
67.5°	12.0
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	3.6
82.5°	2.4
85°	2.4
87.5°	1.2



TEST NUMBER: P1267767

CATALOG NUMBER: P3A17R259735DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)