

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: P1263843

Luminaire Tested: P3A02R259730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263843
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: P3A02R259730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

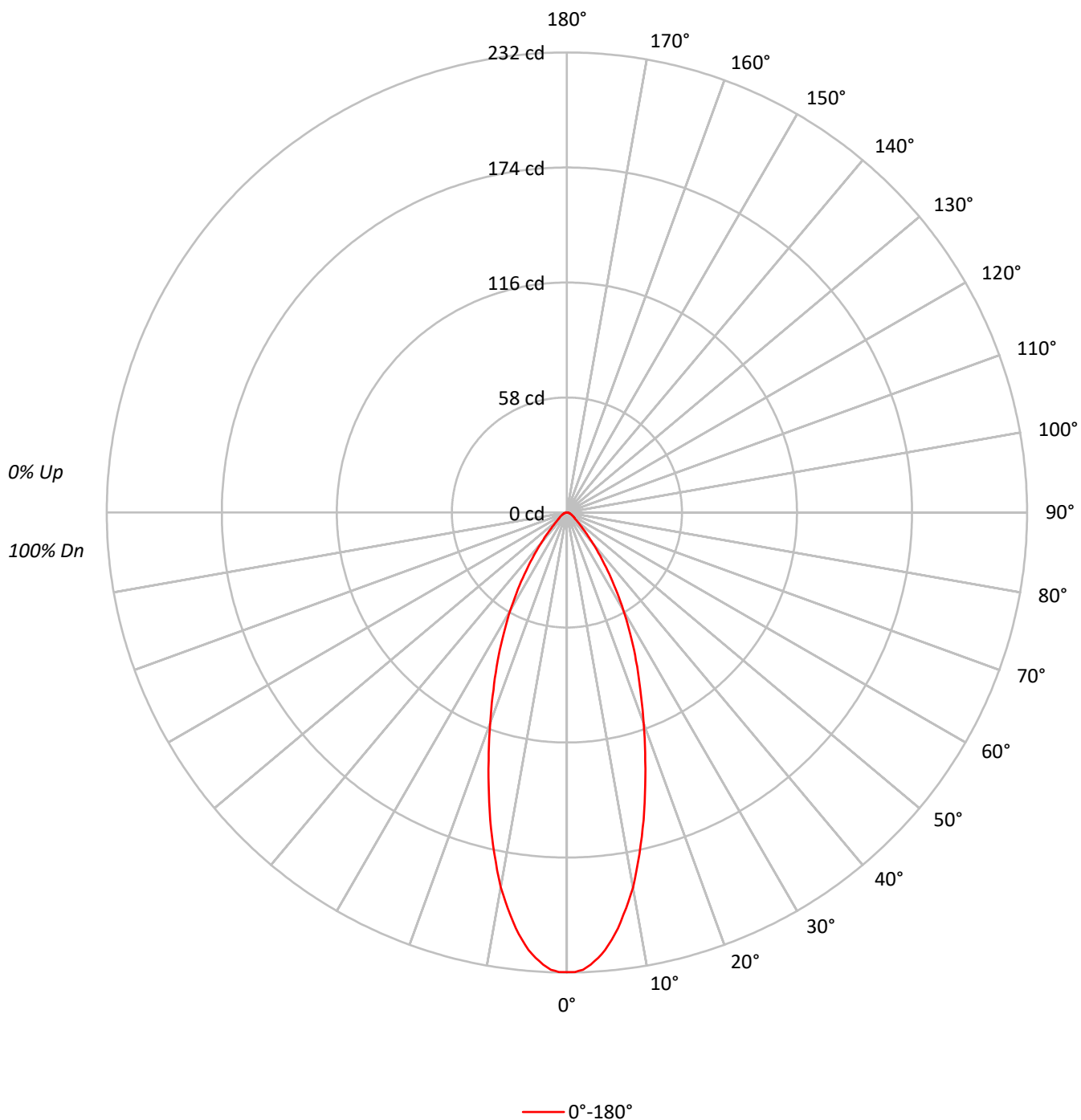
Lumens per Lamp: N/A
Luminaire Lumens: 139.9 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1263843

CATALOG NUMBER: P3A02R259730DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1263843

CATALOG NUMBER: P3A02R259730DE010 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	82	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°	50829
5°	48756
10°	42729
15°	34348
20°	26392
25°	19961
30°	14433
35°	9583
40°	5811
45°	3380
50°	2149
55°	1759
60°	1535
65°	1349
70°	1090
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3380 cd/sqm

TEST NUMBER: P1263843

CATALOG NUMBER: P3A02R259730DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	14.4
10°-20°	41.8	29.9
20°-30°	37.8	27.0
30°-40°	22.7	16.2
40°-50°	9.0	6.4
50°-60°	4.1	3.0
60°-70°	2.5	1.8
70°-80°	1.3	1.0
80°-90°	0.4	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°	99.8	71.3
0°-40°	122.6	87.6
0°-60°	135.7	97.0
0°-90°	139.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	139.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	232	
5°	222	20
15°	151	42
25°	82	38
35°	36	23
45°	11	9
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1263843

CATALOG NUMBER: P3A02R259730DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	231.8
1°	231.8
2°	230.7
3°	228.3
4°	225.2
5°	221.5
6°	216.7
7°	211.3
8°	204.9
9°	198.6
10°	191.9
11°	184.0
12°	175.9
13°	167.8
14°	159.8
15°	151.3
17.5°	131.2
20°	113.1
22.5°	96.7
25°	82.5
27.5°	69.2
30°	57.0
32.5°	45.8
35°	35.8
37.5°	27.3
40°	20.3
42.5°	14.8
45°	10.9
47.5°	8.3
50°	6.3
52.5°	5.2
55°	4.6
57.5°	3.9
60°	3.5
62.5°	2.8
65°	2.6
67.5°	2.2
70°	1.7
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.7
82.5°	0.4
85°	0.4
87.5°	0.2



TEST NUMBER: P1263843

CATALOG NUMBER: P3A02R259730DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)