

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: P1269849

Luminaire Tested: P3A13R359740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269849
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

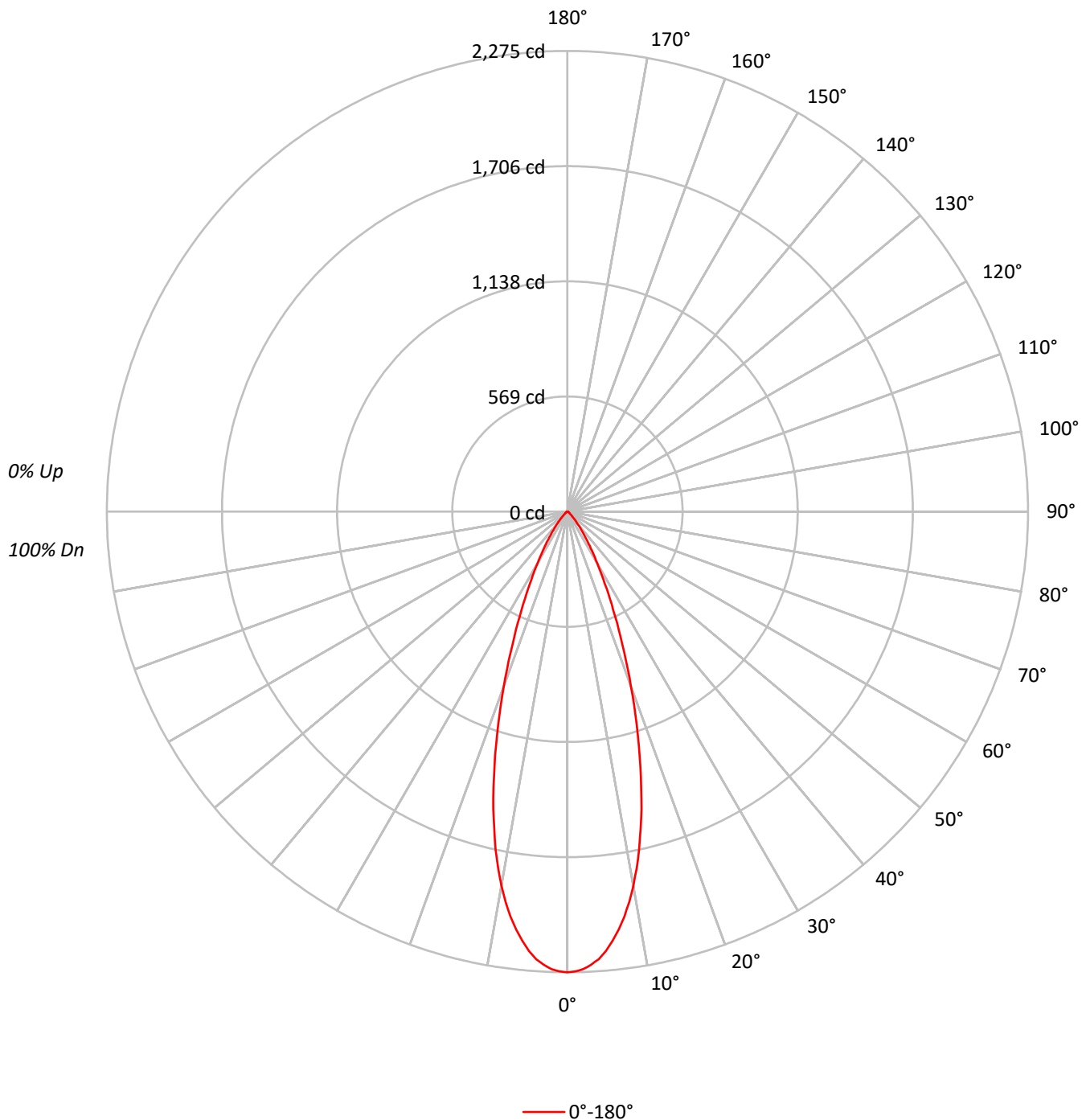
Lumens per Lamp: N/A
Luminaire Lumens: 989.0 lumens
Efficiency: N/A
Efficacy: 67.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269849

CATALOG NUMBER: P3A13R359740DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269849

CATALOG NUMBER: P3A13R359740DE010 E3DL1MW

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	498798
5°	479396
10°	417694
15°	319934
20°	214032
25°	129516
30°	74315
35°	41546
40°	22070
45°	11381
50°	5458
55°	4320
60°	4122
65°	3424
70°	3590
75°	3219
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11381 cd/sqm

TEST NUMBER: P1269849

CATALOG NUMBER: P3A13R359740DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.2	20.0
10°-20°	384.0	38.8
20°-30°	251.4	25.4
30°-40°	102.0	10.3
40°-50°	30.6	3.1
50°-60°	10.4	1.0
60°-70°	7.0	0.7
70°-80°	4.1	0.4
80°-90°	1.4	0.1
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°	833.6	84.3
0°-40°	935.5	94.6
0°-60°	976.5	98.7
0°-90°	989.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	989.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2275	
5°	2178	198
15°	1409	384
25°	535	251
35°	155	102
45°	37	31
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1269849

CATALOG NUMBER: P3A13R359740DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2274.7
1°	2271.0
2°	2260.6
3°	2239.9
4°	2215.5
5°	2177.9
6°	2130.8
7°	2078.1
8°	2018.9
9°	1951.1
10°	1875.9
11°	1792.1
12°	1704.7
13°	1606.8
14°	1513.7
15°	1409.3
17.5°	1156.2
20°	917.2
22.5°	705.6
25°	535.3
27.5°	398.9
30°	293.5
32.5°	215.4
35°	155.2
37.5°	110.1
40°	77.1
42.5°	53.6
45°	36.7
47.5°	24.5
50°	16.0
52.5°	12.2
55°	11.3
57.5°	10.3
60°	9.4
62.5°	8.5
65°	6.6
67.5°	5.6
70°	5.6
72.5°	4.7
75°	3.8
77.5°	2.8
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9



TEST NUMBER: P1269849

CATALOG NUMBER: P3A13R359740DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)