

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: P1273618

Luminaire Tested: P3A09R209830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273618
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

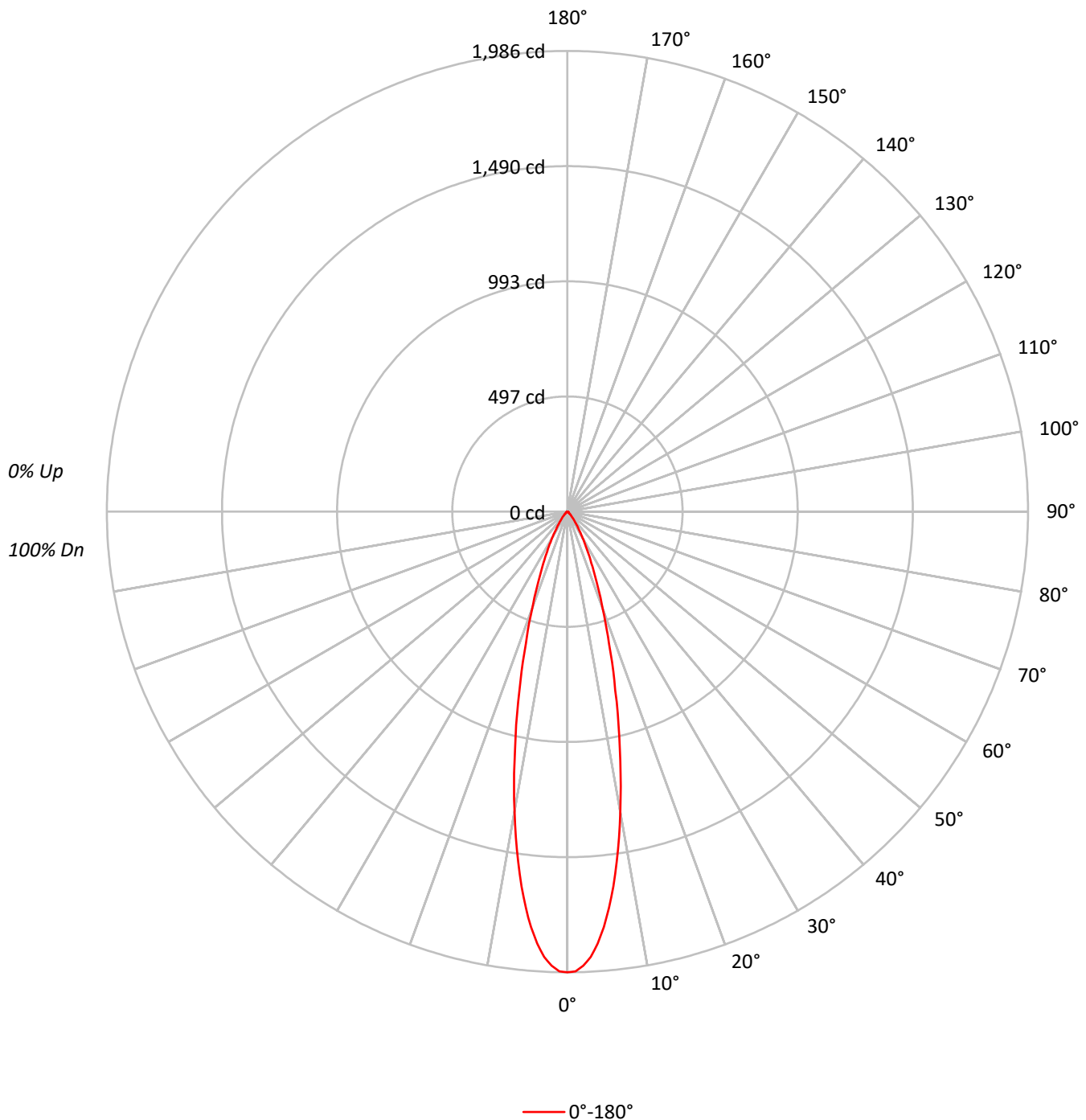
Lumens per Lamp: N/A
Luminaire Lumens: 566.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273618

CATALOG NUMBER: P3A09R209830DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1273618

CATALOG NUMBER: P3A09R209830DE010 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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	435469
5°	395861
10°	292557
15°	180977
20°	103352
25°	59011
30°	33094
35°	18016
40°	9847
45°	5427
50°	3173
55°	2294
60°	2149
65°	1972
70°	1731
75°	1864
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5427 cd/sqm

TEST NUMBER: P1273618

CATALOG NUMBER: P3A09R209830DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.7	27.5
10°-20°	222.3	39.3
20°-30°	116.0	20.5
30°-40°	44.9	7.9
40°-50°	14.6	2.6
50°-60°	5.7	1.0
60°-70°	3.8	0.7
70°-80°	2.2	0.4
80°-90°	0.7	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°	494.1	87.3
0°-40°	539.0	95.2
0°-60°	559.3	98.8
0°-90°	566.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	566.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1986	
5°	1798	156
15°	797	222
25°	244	116
35°	67	45
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1273618

CATALOG NUMBER: P3A09R209830DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1985.9
1°	1982.1
2°	1958.6
3°	1922.5
4°	1866.7
5°	1798.4
6°	1717.4
7°	1627.8
8°	1523.9
9°	1422.7
10°	1313.9
12.5°	1044.4
15°	797.2
17.5°	596.5
20°	442.9
22.5°	328.1
25°	243.9
27.5°	179.9
30°	130.7
32.5°	94.6
35°	67.3
37.5°	48.7
40°	34.4
42.5°	24.6
45°	17.5
47.5°	12.6
50°	9.3
52.5°	7.1
55°	6.0
57.5°	5.5
60°	4.9
62.5°	4.4
65°	3.8
67.5°	3.3
70°	2.7
72.5°	2.7
75°	2.2
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)