

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: P1273761

Luminaire Tested: P3A09R459830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273761
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R459830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

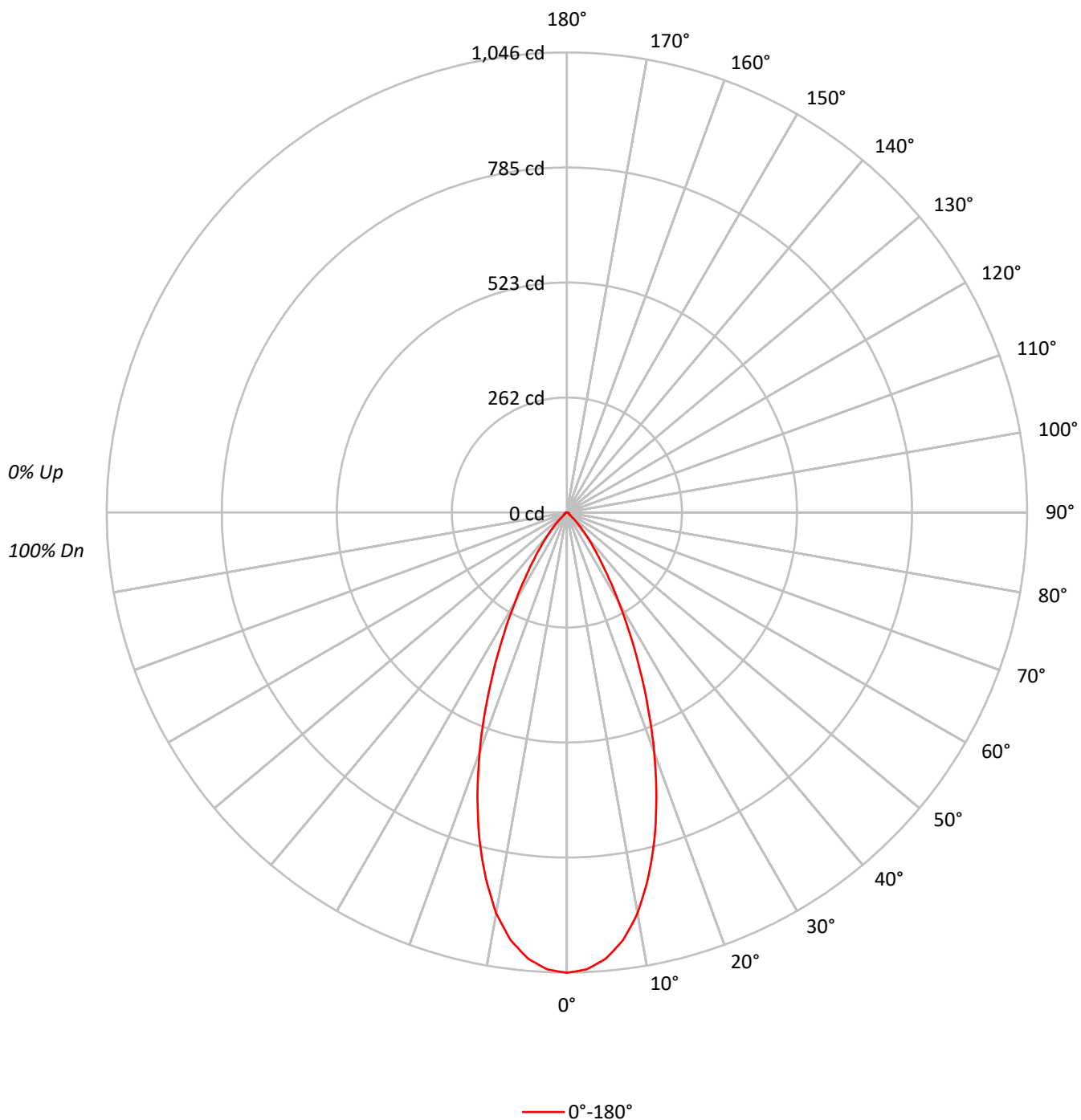
Lumens per Lamp: N/A
Luminaire Lumens: 611.0 lumens
Efficiency: N/A
Efficacy: 55.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273761

CATALOG NUMBER: P3A09R459830DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1273761

CATALOG NUMBER: P3A09R459830DE010 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	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229455
5°	224080
10°	205986
15°	174530
20°	135415
25°	94651
30°	59629
35°	35094
40°	19866
45°	9644
50°	3343
55°	2714
60°	2631
65°	2542
70°	2436
75°	2288
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9644 cd/sqm

TEST NUMBER: P1273761

CATALOG NUMBER: P3A09R459830DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.2	15.4
10°-20°	211.1	34.6
20°-30°	179.3	29.3
30°-40°	85.5	14.0
40°-50°	25.8	4.2
50°-60°	6.5	1.1
60°-70°	4.9	0.8
70°-80°	2.9	0.5
80°-90°	0.8	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°	484.6	79.3
0°-40°	570.1	93.3
0°-60°	602.4	98.6
0°-90°	611.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	611.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1046	
5°	1018	94
15°	769	211
25°	391	179
35°	131	86
45°	31	26
55°	7	7
65°	5	5
75°	3	3
85°	0	1
90°	0	

TEST NUMBER: P1273761

CATALOG NUMBER: P3A09R459830DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1046.4
2.5°	1039.8
5°	1018.0
7.5°	980.3
10°	925.1
12.5°	851.9
15°	768.8
17.5°	676.5
20°	580.3
22.5°	482.5
25°	391.2
27.5°	308.2
30°	235.5
32.5°	177.0
35°	131.1
37.5°	96.7
40°	69.4
42.5°	48.1
45°	31.1
47.5°	17.5
50°	9.8
52.5°	7.6
55°	7.1
57.5°	6.6
60°	6.0
62.5°	5.5
65°	4.9
67.5°	4.4
70°	3.8
72.5°	3.3
75°	2.7
77.5°	2.2
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)