

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: P1273860

Luminaire Tested: P3A09R609830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273860
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

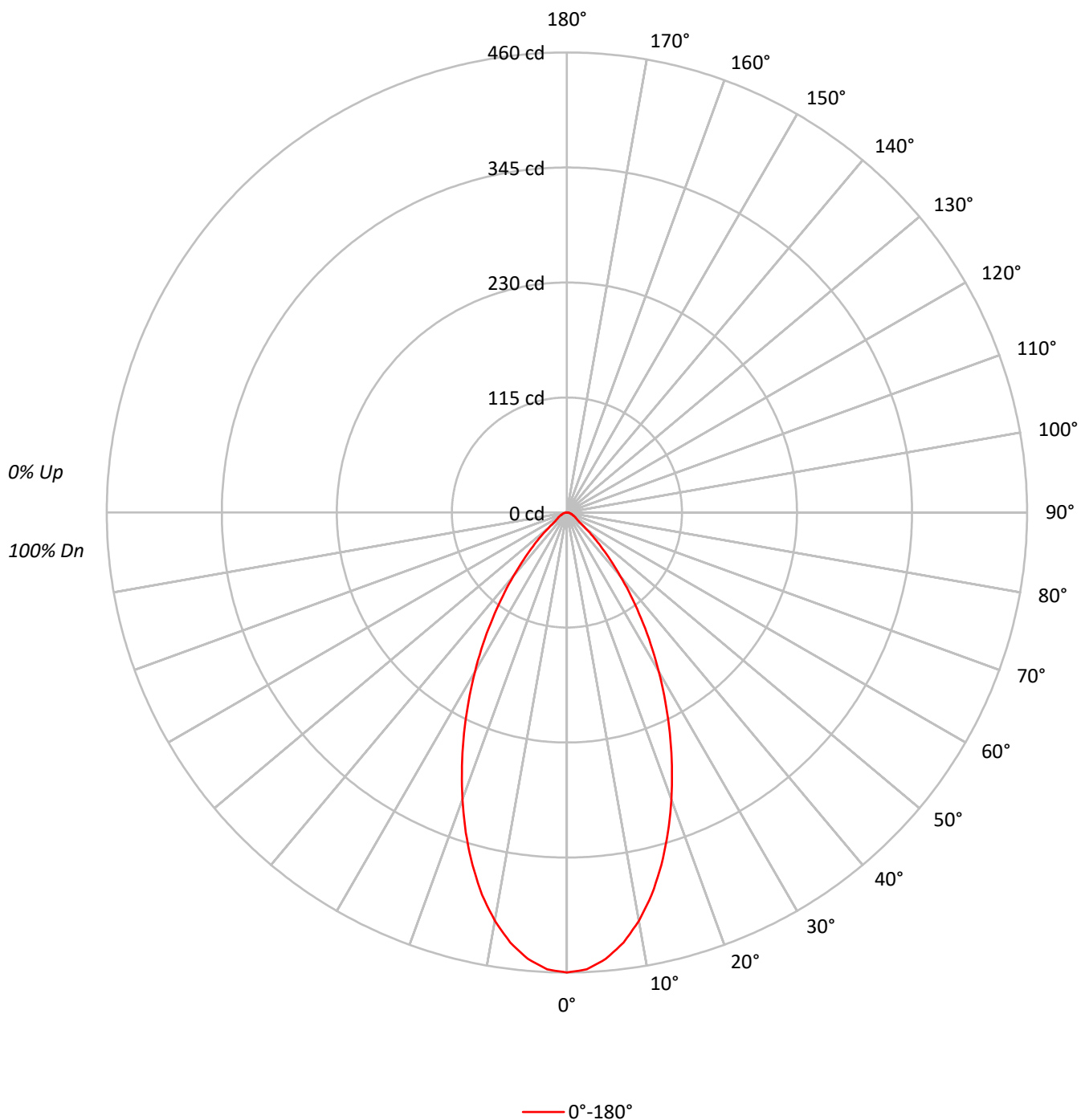
Lumens per Lamp: N/A
Luminaire Lumens: 398.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273860

CATALOG NUMBER: P3A09R609830DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1273860

CATALOG NUMBER: P3A09R609830DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100869
5°	98613
10°	92316
15°	82815
20°	71220
25°	58890
30°	46539
35°	34559
40°	23787
45°	14916
50°	8221
55°	4817
60°	4298
65°	3684
70°	3142
75°	3219
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14916 cd/sqm

TEST NUMBER: P1273860

CATALOG NUMBER: P3A09R609830DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.7	10.5
10°-20°	101.3	25.5
20°-30°	111.1	27.9
30°-40°	81.0	20.3
40°-50°	38.2	9.6
50°-60°	12.5	3.1
60°-70°	7.1	1.8
70°-80°	3.8	1.0
80°-90°	1.2	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°	254.2	63.9
0°-40°	335.1	84.2
0°-60°	385.9	97.0
0°-90°	398.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	398.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	460	
5°	448	42
15°	365	101
25°	243	111
35°	129	81
45°	48	38
55°	13	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1273860

CATALOG NUMBER: P3A09R609830DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	460.0
2.5°	457.2
5°	448.0
7.5°	433.7
10°	414.6
12.5°	391.6
15°	364.8
17.5°	335.8
20°	305.2
22.5°	274.0
25°	243.4
27.5°	212.8
30°	183.8
32.5°	155.9
35°	129.1
37.5°	105.0
40°	83.1
42.5°	64.0
45°	48.1
47.5°	35.0
50°	24.1
52.5°	15.9
55°	12.6
57.5°	10.9
60°	9.8
62.5°	8.2
65°	7.1
67.5°	6.0
70°	4.9
72.5°	4.4
75°	3.8
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)