

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: P1268890

Luminaire Tested: P3A05R109740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

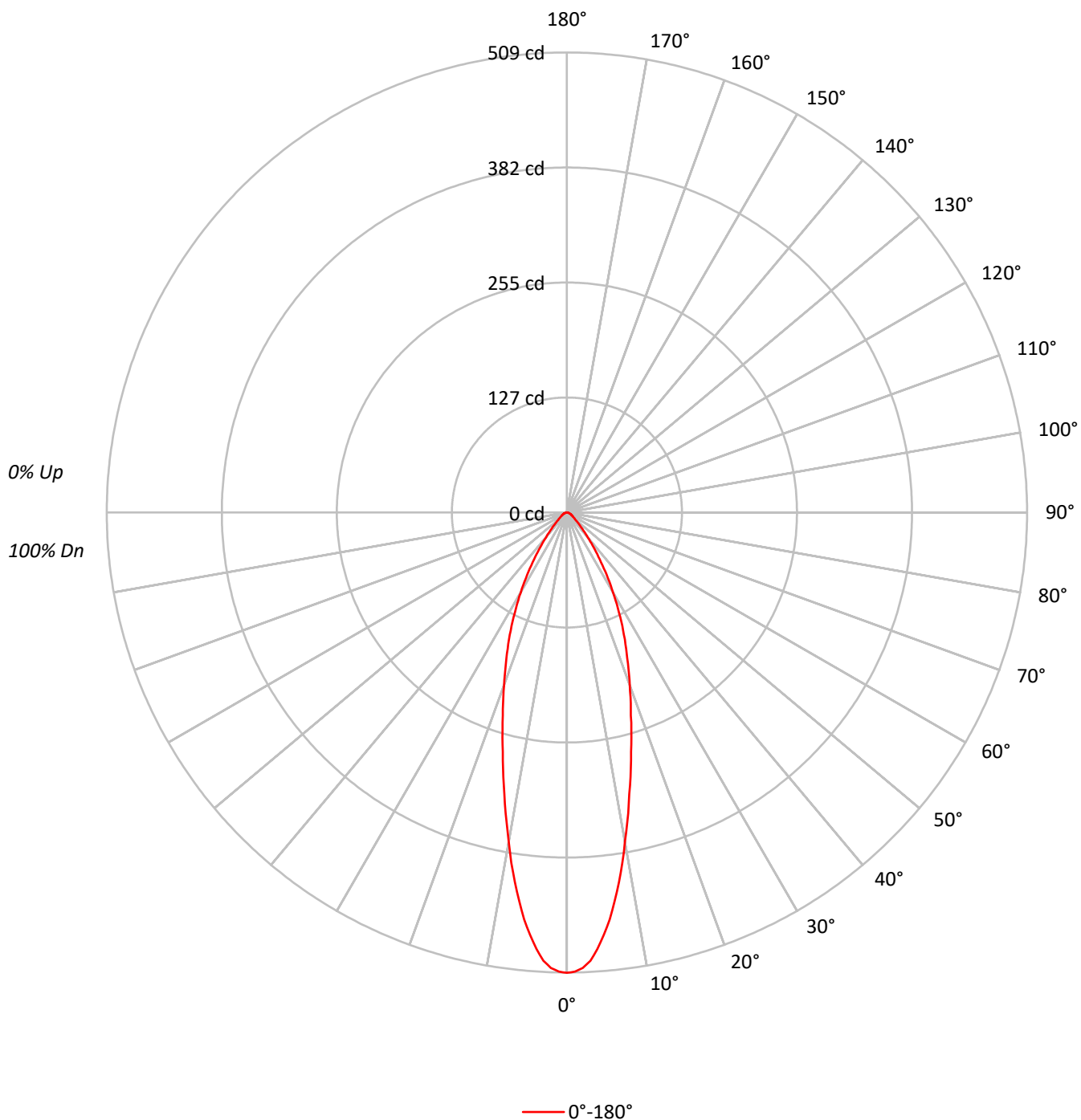
Lumens per Lamp: N/A
Luminaire Lumens: 259.0 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1268890

CATALOG NUMBER: P3A05R109740DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1268890

CATALOG NUMBER: P3A05R109740DE010 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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111680
5°	103235
10°	82408
15°	62248
20°	47394
25°	36123
30°	25877
35°	16891
40°	10362
45°	6264
50°	4162
55°	3211
60°	2763
65°	2387
70°	2180
75°	2118
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6264 cd/sqm

TEST NUMBER: P1268890

CATALOG NUMBER: P3A05R109740DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	16.0
10°-20°	76.6	29.6
20°-30°	68.2	26.3
30°-40°	40.4	15.6
40°-50°	16.6	6.4
50°-60°	7.8	3.0
60°-70°	4.7	1.8
70°-80°	2.5	1.0
80°-90°	0.6	0.2
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°	186.4	72.0
0°-40°	226.8	87.6
0°-60°	251.1	97.0
0°-90°	259.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	259.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	509	
5°	469	42
15°	274	77
25°	149	68
35°	63	40
45°	20	17
55°	8	8
65°	5	5
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1268890

CATALOG NUMBER: P3A05R109740DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	509.3
1°	508.1
2°	504.3
3°	496.7
4°	484.1
5°	469.0
6°	452.6
7°	433.2
8°	413.0
9°	392.4
10°	370.1
12.5°	319.2
15°	274.2
17.5°	235.5
20°	203.1
22.5°	174.5
25°	149.3
27.5°	124.9
30°	102.2
32.5°	81.6
35°	63.1
37.5°	48.4
40°	36.2
42.5°	26.9
45°	20.2
47.5°	15.6
50°	12.2
52.5°	10.1
55°	8.4
57.5°	7.1
60°	6.3
62.5°	5.5
65°	4.6
67.5°	4.2
70°	3.4
72.5°	2.9
75°	2.5
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)