

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: P1269395

Luminaire Tested: P3A09R259740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269395
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

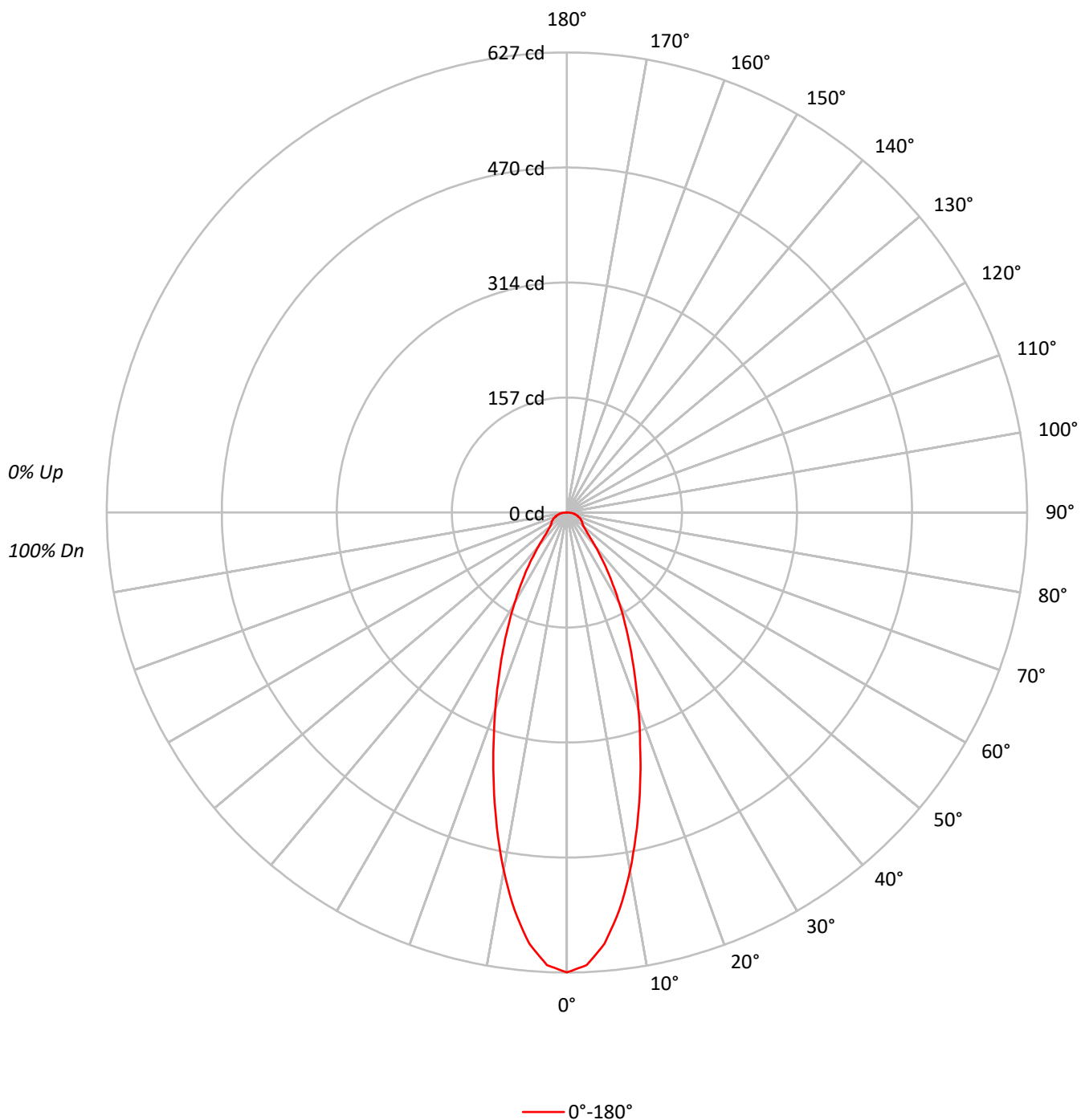
Lumens per Lamp: N/A
Luminaire Lumens: 409.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1269395

CATALOG NUMBER: P3A09R259740DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269395

CATALOG NUMBER: P3A09R259740DE010 E3PHLP1MW

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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137423
5°	129826
10°	110352
15°	87401
20°	66436
25°	49551
30°	36031
35°	25484
40°	17290
45°	12063
50°	10132
55°	9787
60°	10350
65°	10637
70°	10515
75°	11268
80°	12880
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13776 cd/sqm

TEST NUMBER: P1269395

CATALOG NUMBER: P3A09R259740DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.2	13.0
10°-20°	106.6	26.1
20°-30°	94.4	23.1
30°-40°	60.1	14.7
40°-50°	31.8	7.8
50°-60°	23.4	5.7
60°-70°	19.9	4.9
70°-80°	14.1	3.4
80°-90°	5.5	1.4
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	62.1
0°-40°	314.3	76.8
0°-60°	369.4	90.3
0°-90°	409.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	409.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	627	
5°	590	53
15°	385	107
25°	205	94
35°	95	60
45°	39	32
55°	26	23
65°	20	20
75°	13	14
85°	5	6
90°	0	

TEST NUMBER: P1269395

CATALOG NUMBER: P3A09R259740DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	626.7
2.5°	617.5
5°	589.8
7.5°	546.8
10°	495.6
12.5°	440.3
15°	385.0
17.5°	331.8
20°	284.7
22.5°	241.7
25°	204.8
27.5°	172.0
30°	142.3
32.5°	116.7
35°	95.2
37.5°	75.8
40°	60.4
42.5°	48.1
45°	38.9
47.5°	33.8
50°	29.7
52.5°	27.6
55°	25.6
57.5°	24.6
60°	23.6
62.5°	21.5
65°	20.5
67.5°	18.4
70°	16.4
72.5°	15.4
75°	13.3
77.5°	11.3
80°	10.2
82.5°	8.2
85°	5.1
87.5°	2.0
90°	0.0

(END OF REPORT)