

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: P1264259

Luminaire Tested: P3A05R259730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264259
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: P3A05R259730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

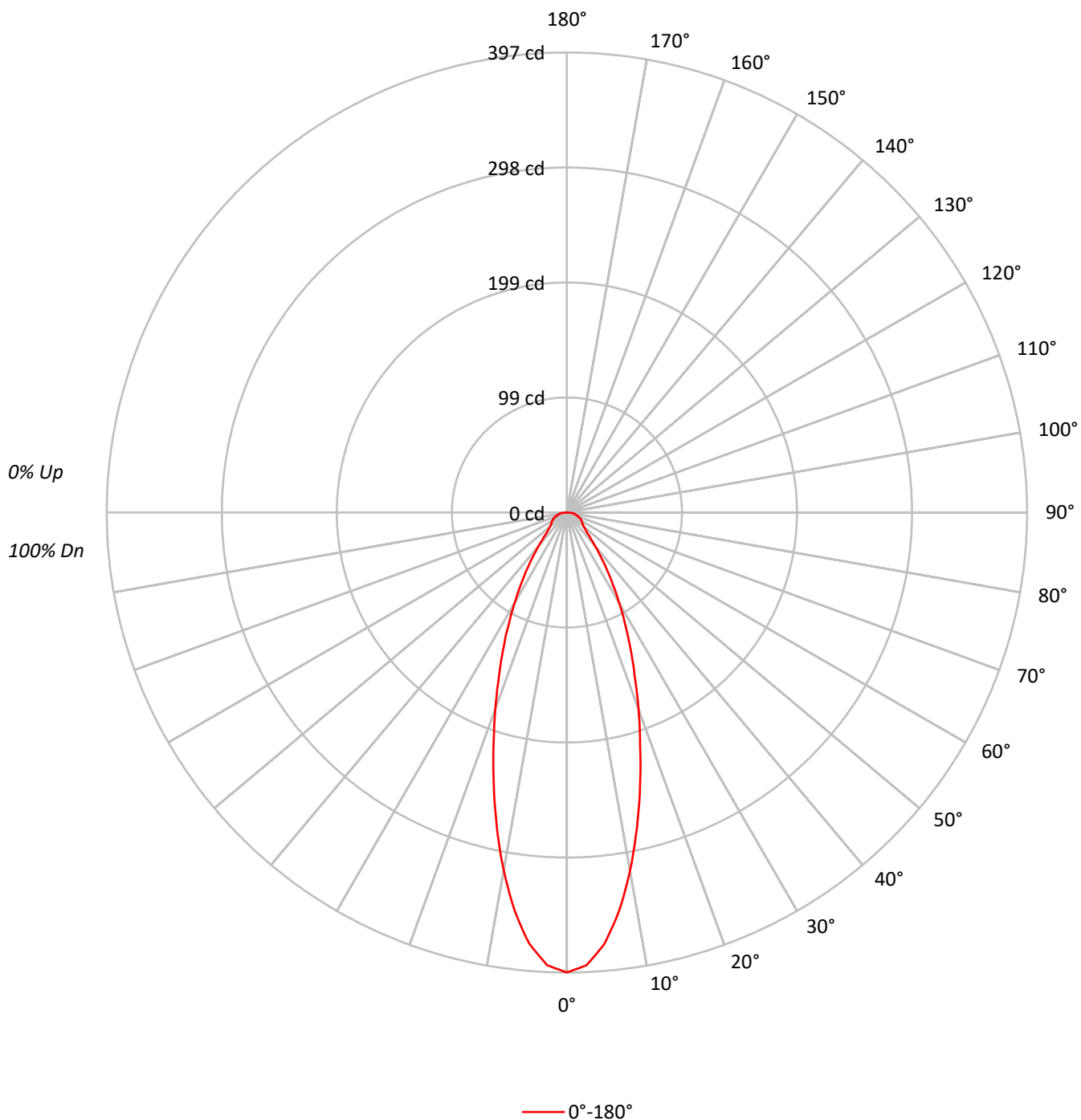
Lumens per Lamp: N/A
Luminaire Lumens: 259.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1264259

CATALOG NUMBER: P3A05R259730DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1264259

CATALOG NUMBER: P3A05R259730DE010 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°	87033
5°	82214
10°	69894
15°	55347
20°	42074
25°	31381
30°	22814
35°	16142
40°	10963
45°	7629
50°	6413
55°	6193
60°	6535
65°	6745
70°	6668
75°	7117
80°	8208
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8736 cd/sqm

TEST NUMBER: P1264259

CATALOG NUMBER: P3A05R259730DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	13.0
10°-20°	67.5	26.1
20°-30°	59.7	23.1
30°-40°	38.1	14.7
40°-50°	20.1	7.8
50°-60°	14.8	5.7
60°-70°	12.6	4.9
70°-80°	8.9	3.4
80°-90°	3.5	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°	160.9	62.1
0°-40°	199.0	76.8
0°-60°	234.0	90.3
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°	397	
5°	374	34
15°	244	67
25°	130	60
35°	60	38
45°	25	20
55°	16	15
65°	13	13
75°	8	9
85°	3	4
90°	0	

TEST NUMBER: P1264259

CATALOG NUMBER: P3A05R259730DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	396.9
2.5°	391.0
5°	373.5
7.5°	346.3
10°	313.9
12.5°	278.8
15°	243.8
17.5°	210.1
20°	180.3
22.5°	153.0
25°	129.7
27.5°	108.9
30°	90.1
32.5°	73.9
35°	60.3
37.5°	48.0
40°	38.3
42.5°	30.5
45°	24.6
47.5°	21.4
50°	18.8
52.5°	17.5
55°	16.2
57.5°	15.6
60°	14.9
62.5°	13.6
65°	13.0
67.5°	11.7
70°	10.4
72.5°	9.7
75°	8.4
77.5°	7.1
80°	6.5
82.5°	5.2
85°	3.2
87.5°	1.3
90°	0.0

(END OF REPORT)