

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: P1269017

Luminaire Tested: P3A05R259740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269017
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: P3A05R259740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

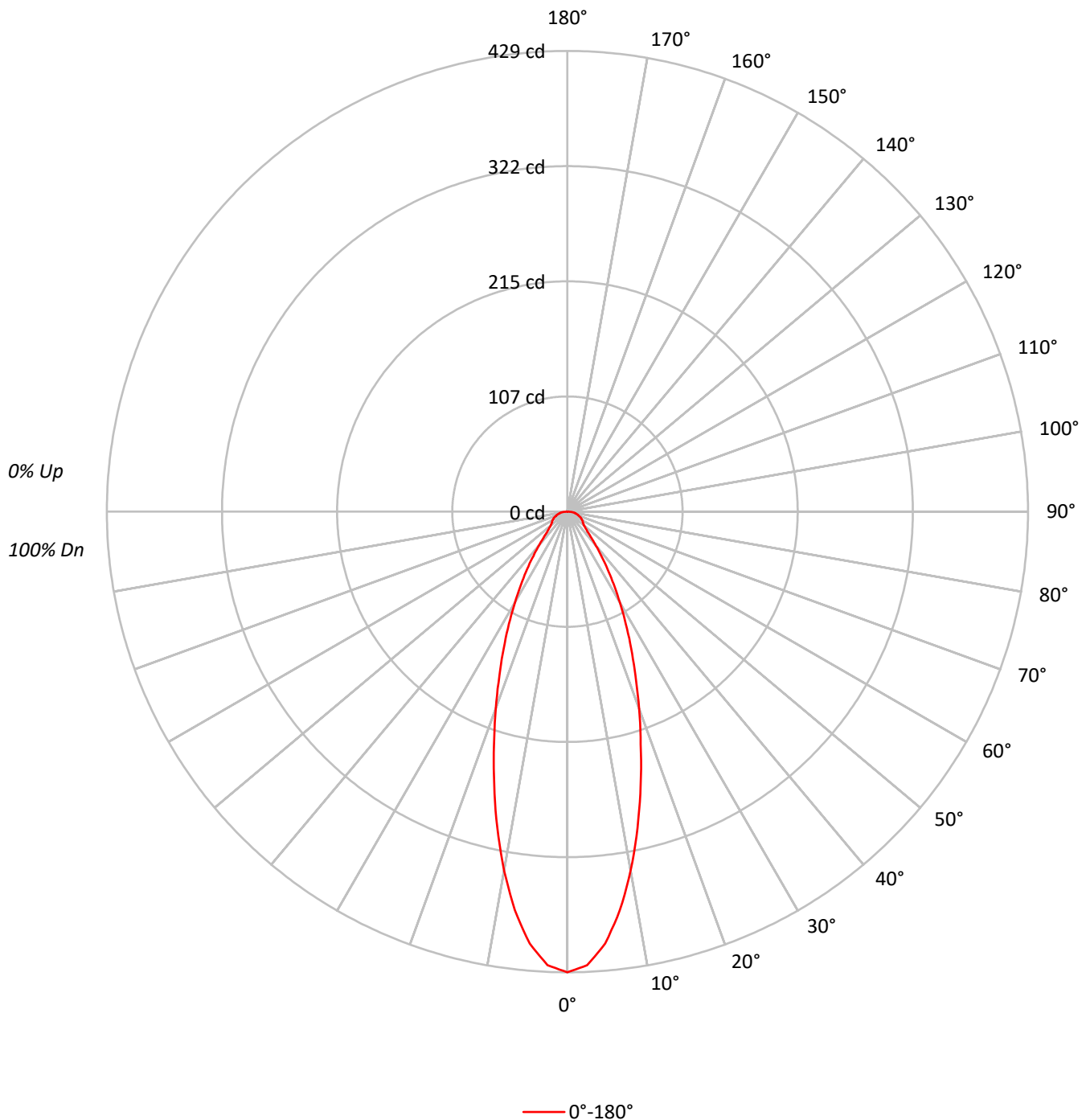
Lumens per Lamp: N/A
Luminaire Lumens: 279.9 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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°	94071
5°	88884
10°	75550
15°	59841
20°	45481
25°	33921
30°	24662
35°	17454
40°	11851
45°	8249
50°	6925
55°	6690
60°	7061
65°	7264
70°	7181
75°	7710
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9408 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	13.0
10°-20°	73.0	26.1
20°-30°	64.6	23.1
30°-40°	41.2	14.7
40°-50°	21.7	7.8
50°-60°	16.0	5.7
60°-70°	13.6	4.9
70°-80°	9.6	3.4
80°-90°	3.8	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°	174.0	62.2
0°-40°	215.2	76.9
0°-60°	252.9	90.3
0°-90°	279.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	429	
5°	404	36
15°	264	73
25°	140	65
35°	65	41
45°	27	22
55°	18	16
65°	14	14
75°	9	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	429.0
2.5°	422.7
5°	403.8
7.5°	374.4
10°	339.3
12.5°	301.5
15°	263.6
17.5°	227.1
20°	194.9
22.5°	165.4
25°	140.2
27.5°	117.8
30°	97.4
32.5°	79.9
35°	65.2
37.5°	51.9
40°	41.4
42.5°	32.9
45°	26.6
47.5°	23.1
50°	20.3
52.5°	18.9
55°	17.5
57.5°	16.8
60°	16.1
62.5°	14.7
65°	14.0
67.5°	12.6
70°	11.2
72.5°	10.5
75°	9.1
77.5°	7.7
80°	7.0
82.5°	5.6
85°	3.5
87.5°	1.4
90°	0.0

(END OF REPORT)