

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: P1266670

Luminaire Tested: P3A05R309735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266670
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

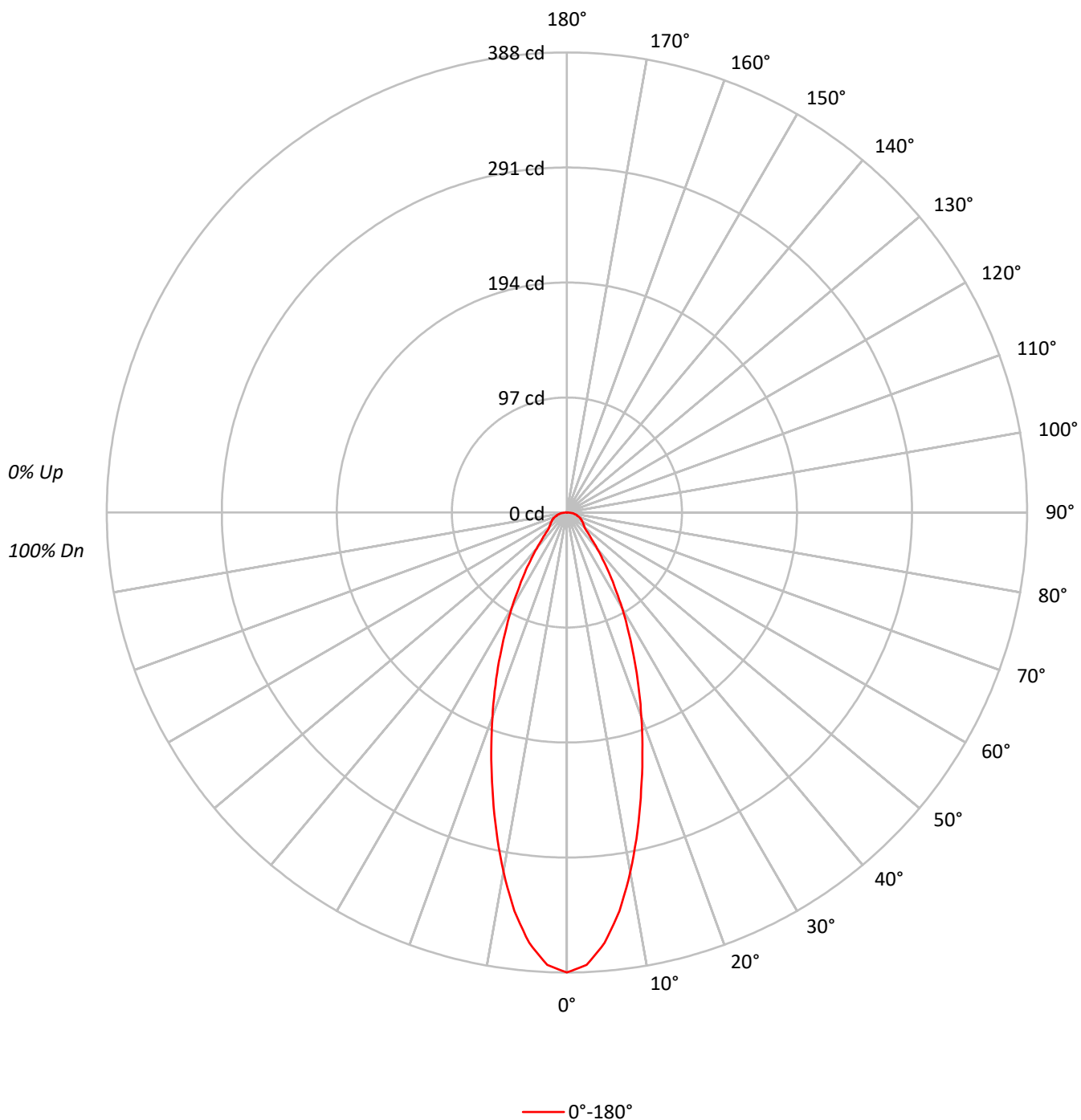
Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85059
5°	80211
10°	68558
15°	54938
20°	42820
25°	32203
30°	23497
35°	16570
40°	11364
45°	8125
50°	6652
55°	6423
60°	6491
65°	6641
70°	6924
75°	7371
80°	7703
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	12.6
10°-20°	67.3	25.7
20°-30°	61.3	23.4
30°-40°	39.0	14.9
40°-50°	20.9	8.0
50°-60°	15.3	5.8
60°-70°	12.8	4.9
70°-80°	9.0	3.4
80°-90°	3.6	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°	161.5	61.6
0°-40°	200.5	76.5
0°-60°	236.7	90.3
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	388	
5°	364	33
15°	242	67
25°	133	61
35°	62	39
45°	26	21
55°	17	15
65°	13	13
75°	9	9
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	387.9
2.5°	381.9
5°	364.4
7.5°	338.9
10°	307.9
12.5°	275.0
15°	242.0
17.5°	211.8
20°	183.5
22.5°	157.3
25°	133.1
27.5°	111.6
30°	92.8
32.5°	75.3
35°	61.9
37.5°	49.1
40°	39.7
42.5°	31.6
45°	26.2
47.5°	21.5
50°	19.5
52.5°	18.2
55°	16.8
57.5°	16.1
60°	14.8
62.5°	14.1
65°	12.8
67.5°	12.1
70°	10.8
72.5°	9.4
75°	8.7
77.5°	7.4
80°	6.1
82.5°	5.4
85°	3.4
87.5°	1.3
90°	0.0

(END OF REPORT)