

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: P1266638

Luminaire Tested: P3A05R259735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266638
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: P3A05R259735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

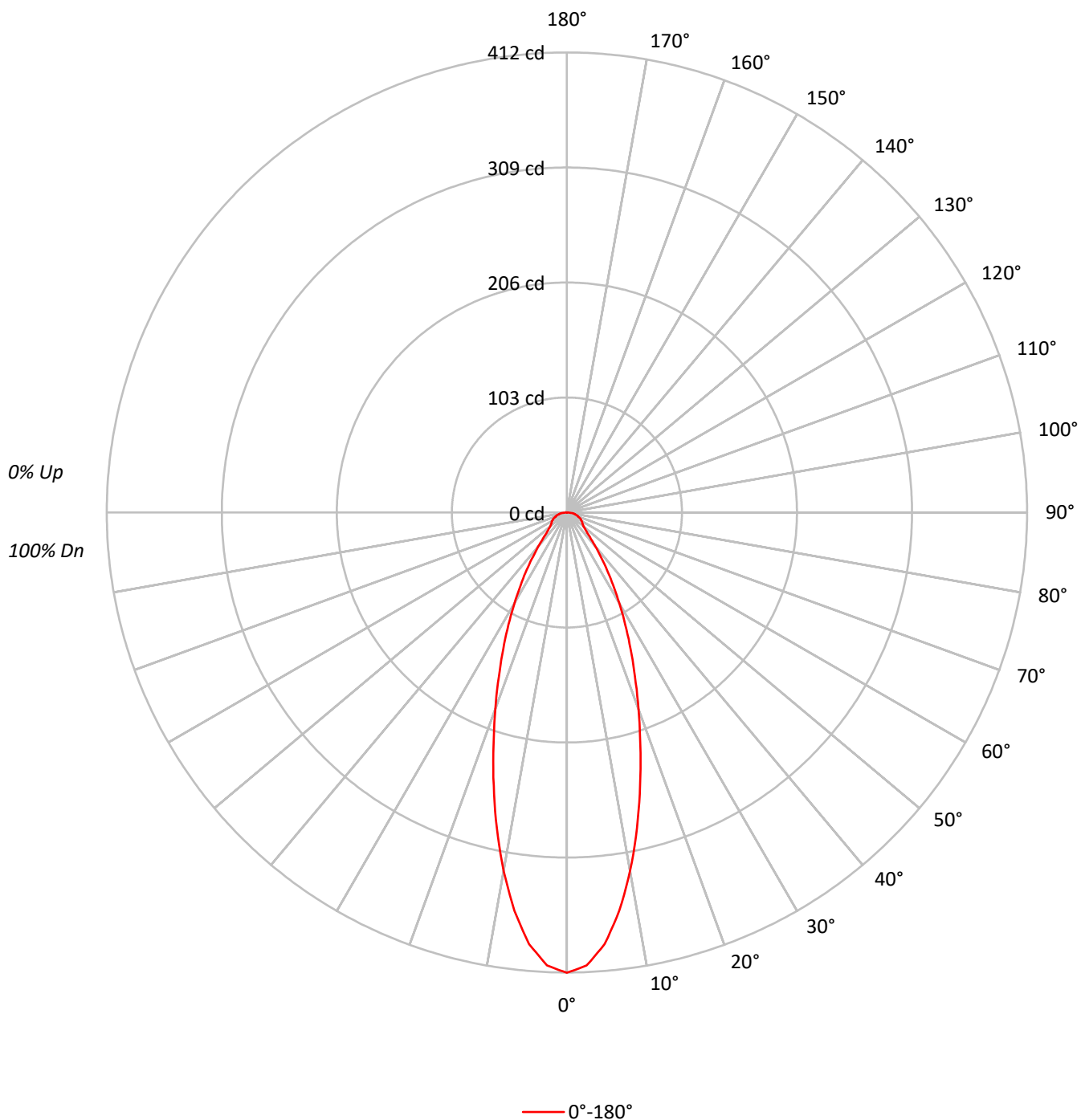
Lumens per Lamp: N/A
Luminaire Lumens: 269.0 lumens
Efficiency: N/A
Efficacy: 37.4 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	90387
5°	85384
10°	72588
15°	57480
20°	43684
25°	32591
30°	23700
35°	16758
40°	11364
45°	7939
50°	6652
55°	6423
60°	6798
65°	7005
70°	6924
75°	7456
80°	8461
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°	35.0	13.0
10°-20°	70.1	26.1
20°-30°	62.1	23.1
30°-40°	39.5	14.7
40°-50°	20.9	7.8
50°-60°	15.4	5.7
60°-70°	13.1	4.9
70°-80°	9.3	3.4
80°-90°	3.7	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°	167.2	62.1
0°-40°	206.7	76.8
0°-60°	243.0	90.3
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	412	
5°	388	35
15°	253	70
25°	135	62
35°	63	40
45°	26	21
55°	17	15
65°	14	13
75°	9	9
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	412.2
2.5°	406.1
5°	387.9
7.5°	359.7
10°	326.0
12.5°	289.6
15°	253.2
17.5°	218.2
20°	187.2
22.5°	158.9
25°	134.7
27.5°	113.1
30°	93.6
32.5°	76.8
35°	62.6
37.5°	49.8
40°	39.7
42.5°	31.7
45°	25.6
47.5°	22.2
50°	19.5
52.5°	18.2
55°	16.8
57.5°	16.2
60°	15.5
62.5°	14.1
65°	13.5
67.5°	12.1
70°	10.8
72.5°	10.1
75°	8.8
77.5°	7.4
80°	6.7
82.5°	5.4
85°	3.4
87.5°	1.3
90°	0.0

(END OF REPORT)