

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: P1251541

Luminaire Tested: P3AS09R259030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251541
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: P3AS09R259030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

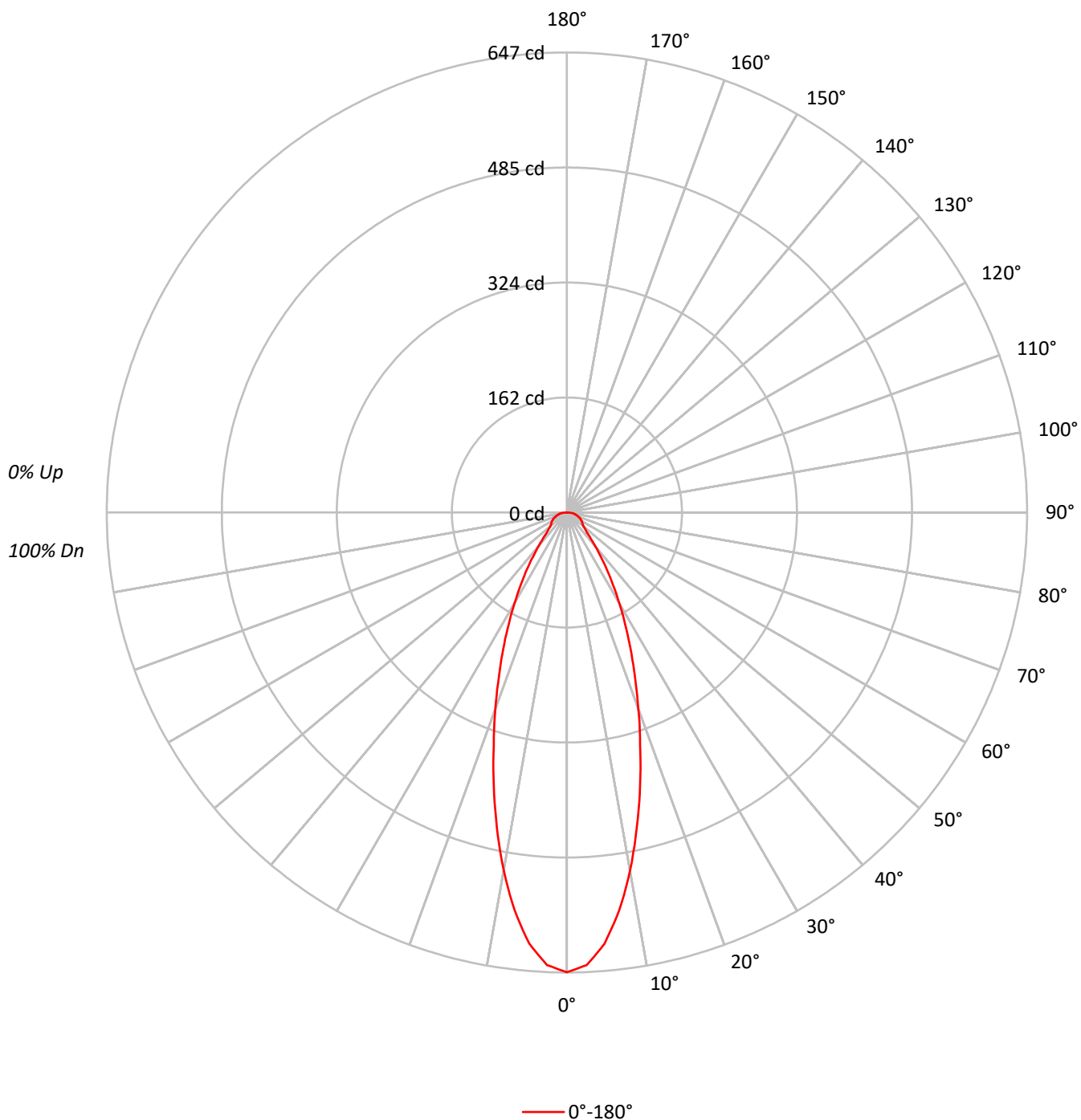
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 38.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	141787
5°	133964
10°	113870
15°	90193
20°	68536
25°	51124
30°	37196
35°	26314
40°	17833
45°	12435
50°	10439
55°	10093
60°	10657
65°	10948
70°	10835
75°	11607
80°	13386
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.9	13.0
10°-20°	110.0	26.1
20°-30°	97.4	23.1
30°-40°	62.0	14.7
40°-50°	32.8	7.8
50°-60°	24.1	5.7
60°-70°	20.5	4.9
70°-80°	14.5	3.4
80°-90°	5.8	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°	262.3	62.2
0°-40°	324.3	76.8
0°-60°	381.2	90.3
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	647	
5°	609	55
15°	397	110
25°	211	97
35°	98	62
45°	40	33
55°	26	24
65°	21	21
75°	14	14
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	646.6
2.5°	637.1
5°	608.6
7.5°	564.2
10°	511.4
12.5°	454.3
15°	397.3
17.5°	342.3
20°	293.7
22.5°	249.4
25°	211.3
27.5°	177.5
30°	146.9
32.5°	120.4
35°	98.3
37.5°	78.2
40°	62.3
42.5°	49.7
45°	40.1
47.5°	34.9
50°	30.6
52.5°	28.5
55°	26.4
57.5°	25.4
60°	24.3
62.5°	22.2
65°	21.1
67.5°	19.0
70°	16.9
72.5°	15.8
75°	13.7
77.5°	11.6
80°	10.6
82.5°	8.5
85°	5.3
87.5°	2.1
90°	0.0

(END OF REPORT)