

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: P1254158

Luminaire Tested: P3AS09R109035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254158
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R109035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

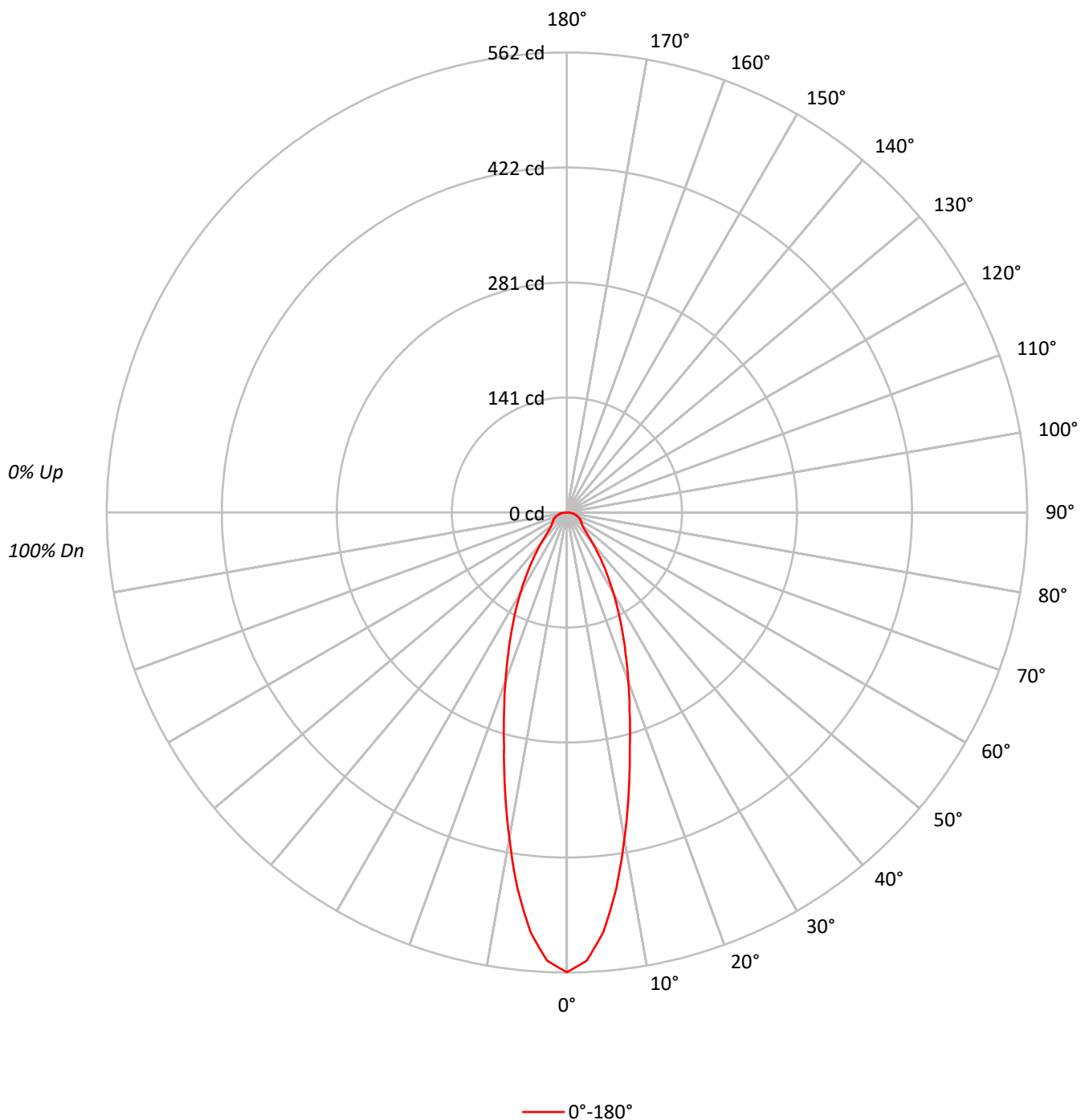
Lumens per Lamp: N/A
Luminaire Lumens: 329.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	123148
5°	113075
10°	90090
15°	67333
20°	51128
25°	38712
30°	28637
35°	20452
40°	13998
45°	9799
50°	8358
55°	8181
60°	8508
65°	8976
70°	9168
75°	9489
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11928 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.5	13.8
10°-20°	83.2	25.3
20°-30°	73.7	22.4
30°-40°	48.3	14.7
40°-50°	25.8	7.8
50°-60°	19.5	5.9
60°-70°	16.8	5.1
70°-80°	11.6	3.5
80°-90°	4.7	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°	202.4	61.5
0°-40°	250.6	76.2
0°-60°	295.9	90.0
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	562	
5°	514	45
15°	297	83
25°	160	74
35°	76	48
45°	32	26
55°	21	19
65°	17	17
75°	11	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	561.6
2.5°	548.3
5°	513.7
7.5°	462.7
10°	404.6
12.5°	348.6
15°	296.6
17.5°	254.8
20°	219.1
22.5°	187.5
25°	160.0
27.5°	135.5
30°	113.1
32.5°	93.8
35°	76.4
37.5°	61.1
40°	48.9
42.5°	38.7
45°	31.6
47.5°	27.5
50°	24.5
52.5°	23.4
55°	21.4
57.5°	20.4
60°	19.4
62.5°	18.3
65°	17.3
67.5°	15.3
70°	14.3
72.5°	12.2
75°	11.2
77.5°	9.2
80°	8.2
82.5°	7.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)