

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: P1248744

Luminaire Tested: P3AS09R109027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248744
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: P3AS09R109027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

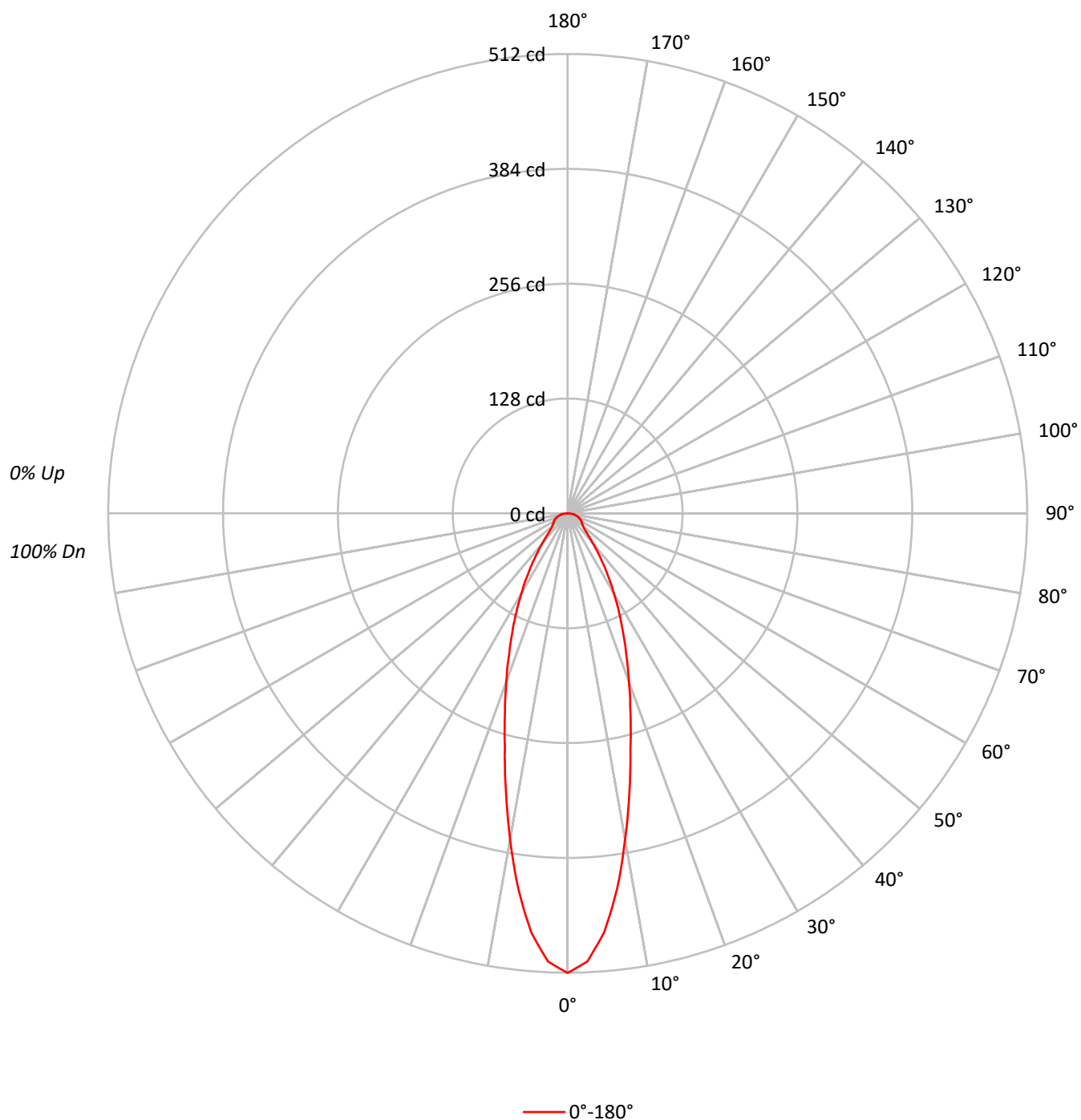
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1248744

CATALOG NUMBER: P3AS09R109027DE010 E3PHLP1MW

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°	112294
5°	103103
10°	82141
15°	61385
20°	46624
25°	35300
30°	26131
35°	18658
40°	12767
45°	8931
50°	7607
55°	7455
60°	7763
65°	8198
70°	8335
75°	8642
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10920 cd/sqm

TEST NUMBER: P1248744

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.5	13.8
10°-20°	75.8	25.3
20°-30°	67.2	22.4
30°-40°	44.0	14.7
40°-50°	23.5	7.8
50°-60°	17.8	5.9
60°-70°	15.3	5.1
70°-80°	10.6	3.5
80°-90°	4.3	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°	184.5	61.5
0°-40°	228.6	76.2
0°-60°	269.9	90.0
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	468	41
15°	270	76
25°	146	67
35°	70	44
45°	29	24
55°	20	18
65°	16	15
75°	10	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	512.1
2.5°	500.0
5°	468.4
7.5°	421.9
10°	368.9
12.5°	317.8
15°	270.4
17.5°	232.3
20°	199.8
22.5°	171.0
25°	145.9
27.5°	123.6
30°	103.2
32.5°	85.5
35°	69.7
37.5°	55.8
40°	44.6
42.5°	35.3
45°	28.8
47.5°	25.1
50°	22.3
52.5°	21.4
55°	19.5
57.5°	18.6
60°	17.7
62.5°	16.7
65°	15.8
67.5°	13.9
70°	13.0
72.5°	11.2
75°	10.2
77.5°	8.4
80°	7.4
82.5°	6.5
85°	3.7
87.5°	1.9
90°	0.0

(END OF REPORT)