

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: P1248337

Luminaire Tested: P3AS05R109027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248337
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: P3AS05R109027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

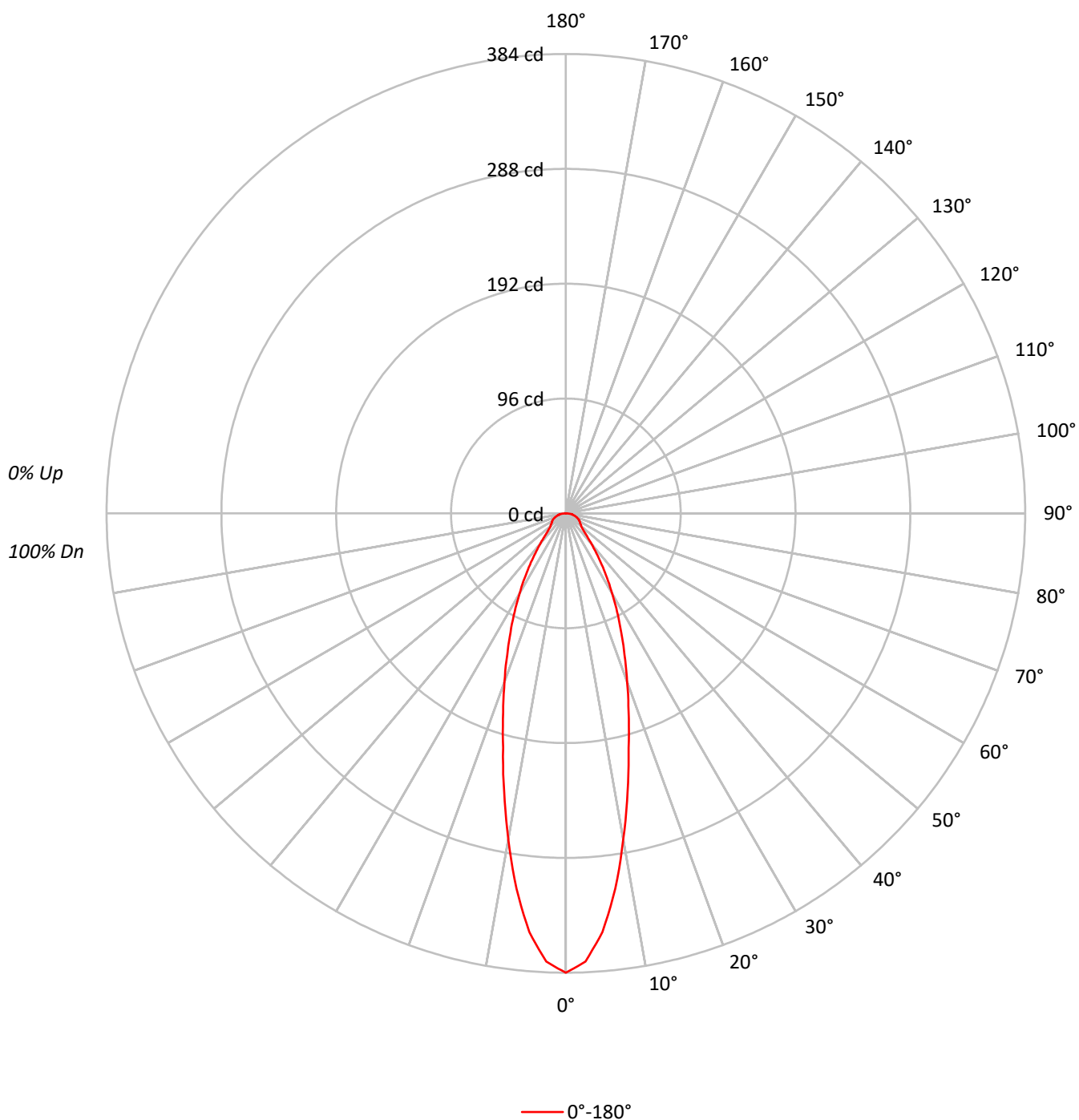
Lumens per Lamp: N/A
Luminaire Lumens: 225.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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°	84204
5°	77328
10°	61611
15°	46039
20°	34980
25°	26469
30°	19598
35°	14000
40°	9589
45°	6698
50°	5697
55°	5582
60°	5789
65°	6123
70°	6283
75°	6524
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8232 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.1	13.8
10°-20°	56.9	25.3
20°-30°	50.4	22.4
30°-40°	33.0	14.7
40°-50°	17.6	7.8
50°-60°	13.3	5.9
60°-70°	11.5	5.1
70°-80°	7.9	3.5
80°-90°	3.2	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°	138.4	61.5
0°-40°	171.4	76.2
0°-60°	202.4	89.9
0°-90°	225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	225.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	384	
5°	351	31
15°	203	57
25°	109	50
35°	52	33
45°	22	18
55°	15	13
65°	12	11
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	384.0
2.5°	375.0
5°	351.3
7.5°	316.4
10°	276.7
12.5°	238.4
15°	202.8
17.5°	174.2
20°	149.9
22.5°	128.2
25°	109.4
27.5°	92.7
30°	77.4
32.5°	64.1
35°	52.3
37.5°	41.8
40°	33.5
42.5°	26.5
45°	21.6
47.5°	18.8
50°	16.7
52.5°	16.0
55°	14.6
57.5°	13.9
60°	13.2
62.5°	12.5
65°	11.8
67.5°	10.5
70°	9.8
72.5°	8.4
75°	7.7
77.5°	6.3
80°	5.6
82.5°	4.9
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)