

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: P1271559

Luminaire Tested: P3AS09R209827DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209827DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

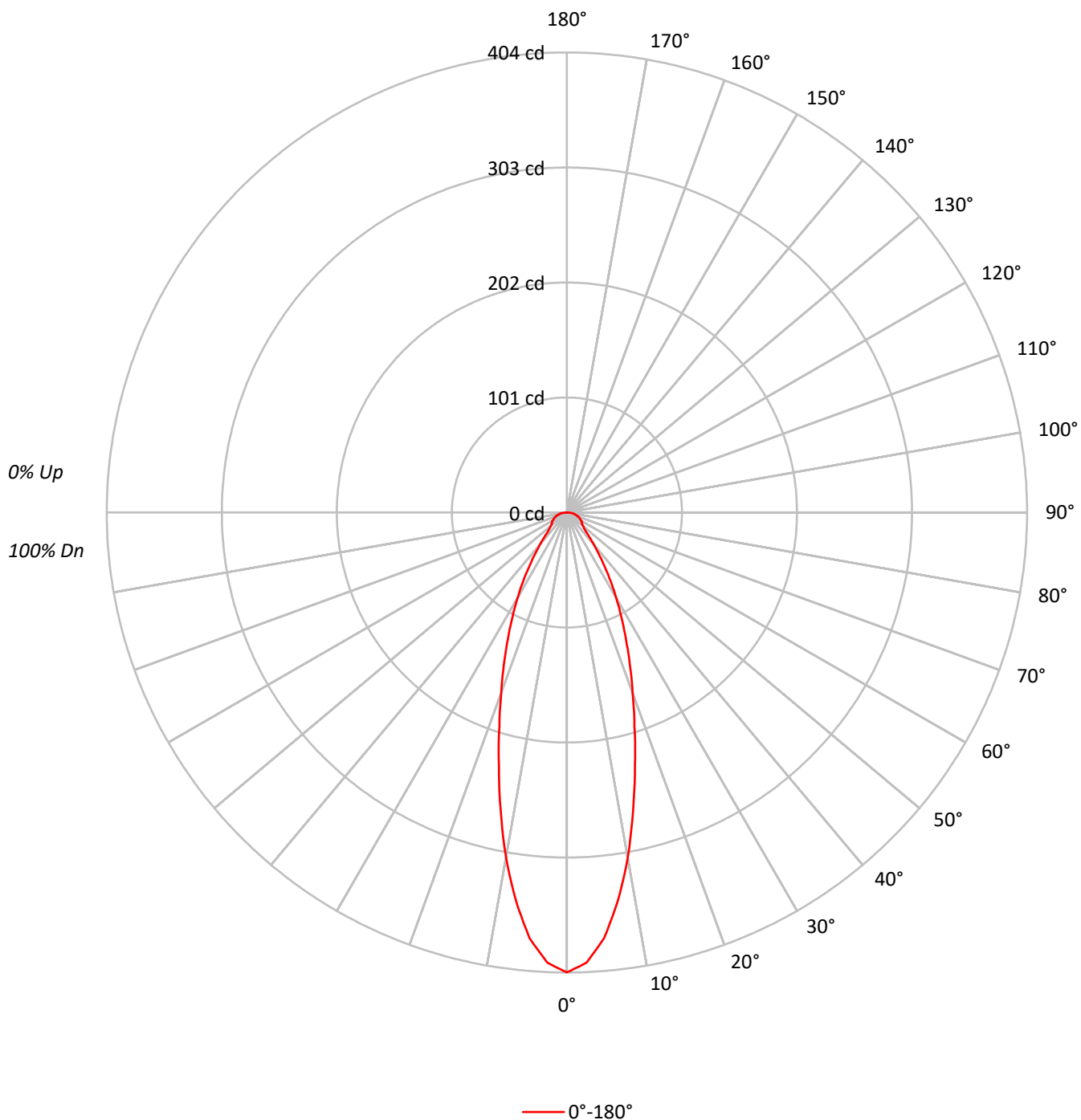
Lumens per Lamp: N/A
Luminaire Lumens: 249.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271559

CATALOG NUMBER: P3AS09R209827DE010 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	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	62	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	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88546
5°	82588
10°	68536
15°	52418
20°	39343
25°	29615
30°	21902
35°	15312
40°	10477
45°	7288
50°	6243
55°	6155
60°	6447
65°	6486
70°	6604
75°	6863
80°	7450
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.6	13.5
10°-20°	64.2	25.8
20°-30°	56.5	22.7
30°-40°	36.5	14.6
40°-50°	19.3	7.8
50°-60°	14.5	5.8
60°-70°	12.4	5.0
70°-80°	8.7	3.5
80°-90°	3.4	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°	154.3	61.9
0°-40°	190.7	76.6
0°-60°	224.6	90.2
0°-90°	249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	404	
5°	375	34
15°	231	64
25°	122	56
35°	57	36
45°	24	19
55°	16	15
65°	12	12
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	403.8
2.5°	395.7
5°	375.2
7.5°	343.7
10°	307.8
12.5°	268.2
15°	230.9
17.5°	197.1
20°	168.6
22.5°	144.4
25°	122.4
27.5°	103.3
30°	86.5
32.5°	71.1
35°	57.2
37.5°	46.2
40°	36.6
42.5°	29.3
45°	23.5
47.5°	20.5
50°	18.3
52.5°	16.9
55°	16.1
57.5°	15.4
60°	14.7
62.5°	13.2
65°	12.5
67.5°	11.7
70°	10.3
72.5°	9.5
75°	8.1
77.5°	7.3
80°	5.9
82.5°	5.1
85°	2.9
87.5°	1.5
90°	0.0

(END OF REPORT)