

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: P1254216

Luminaire Tested: P3AS09R209035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254216
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: P3AS09R209035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

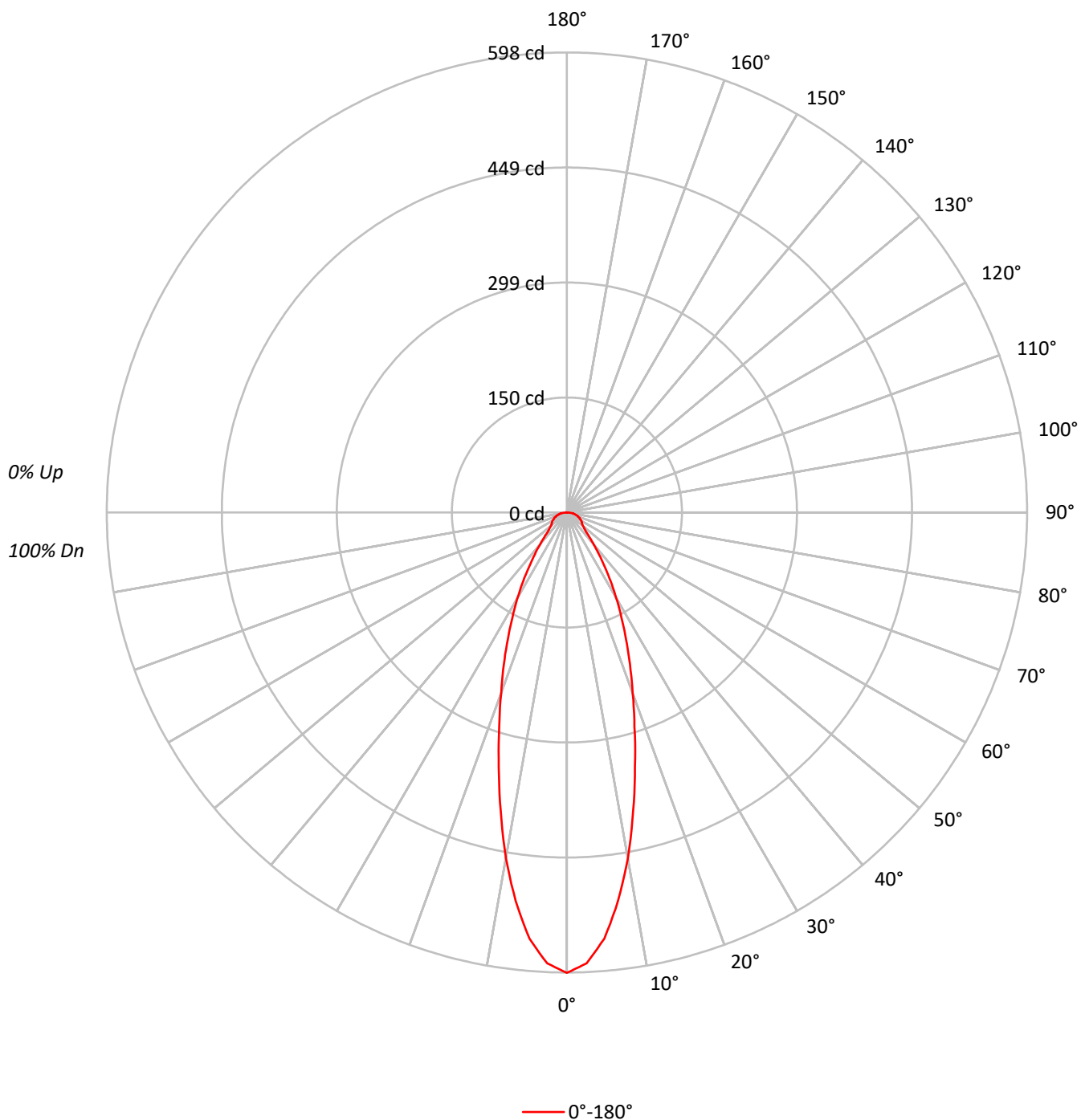
Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131218
5°	122408
10°	101557
15°	77662
20°	58292
25°	43890
30°	32461
35°	22674
40°	15543
45°	10792
50°	9279
55°	9137
60°	9517
65°	9599
70°	9745
75°	10082
80°	10986
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	13.5
10°-20°	95.1	25.8
20°-30°	83.7	22.7
30°-40°	54.0	14.6
40°-50°	28.6	7.8
50°-60°	21.5	5.8
60°-70°	18.3	5.0
70°-80°	12.9	3.5
80°-90°	5.0	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°	228.6	62.0
0°-40°	282.6	76.6
0°-60°	332.8	90.2
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	598	
5°	556	50
15°	342	95
25°	181	84
35°	85	54
45°	35	29
55°	24	22
65°	18	18
75°	12	13
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	598.4
2.5°	586.5
5°	556.1
7.5°	509.4
10°	456.1
12.5°	397.5
15°	342.1
17.5°	292.1
20°	249.8
22.5°	214.0
25°	181.4
27.5°	153.1
30°	128.2
32.5°	105.3
35°	84.7
37.5°	68.4
40°	54.3
42.5°	43.4
45°	34.8
47.5°	30.4
50°	27.2
52.5°	25.0
55°	23.9
57.5°	22.8
60°	21.7
62.5°	19.5
65°	18.5
67.5°	17.4
70°	15.2
72.5°	14.1
75°	11.9
77.5°	10.9
80°	8.7
82.5°	7.6
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)