

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: P1262226

Luminaire Tested: P3AS09R209727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262226
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: P3AS09R209727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

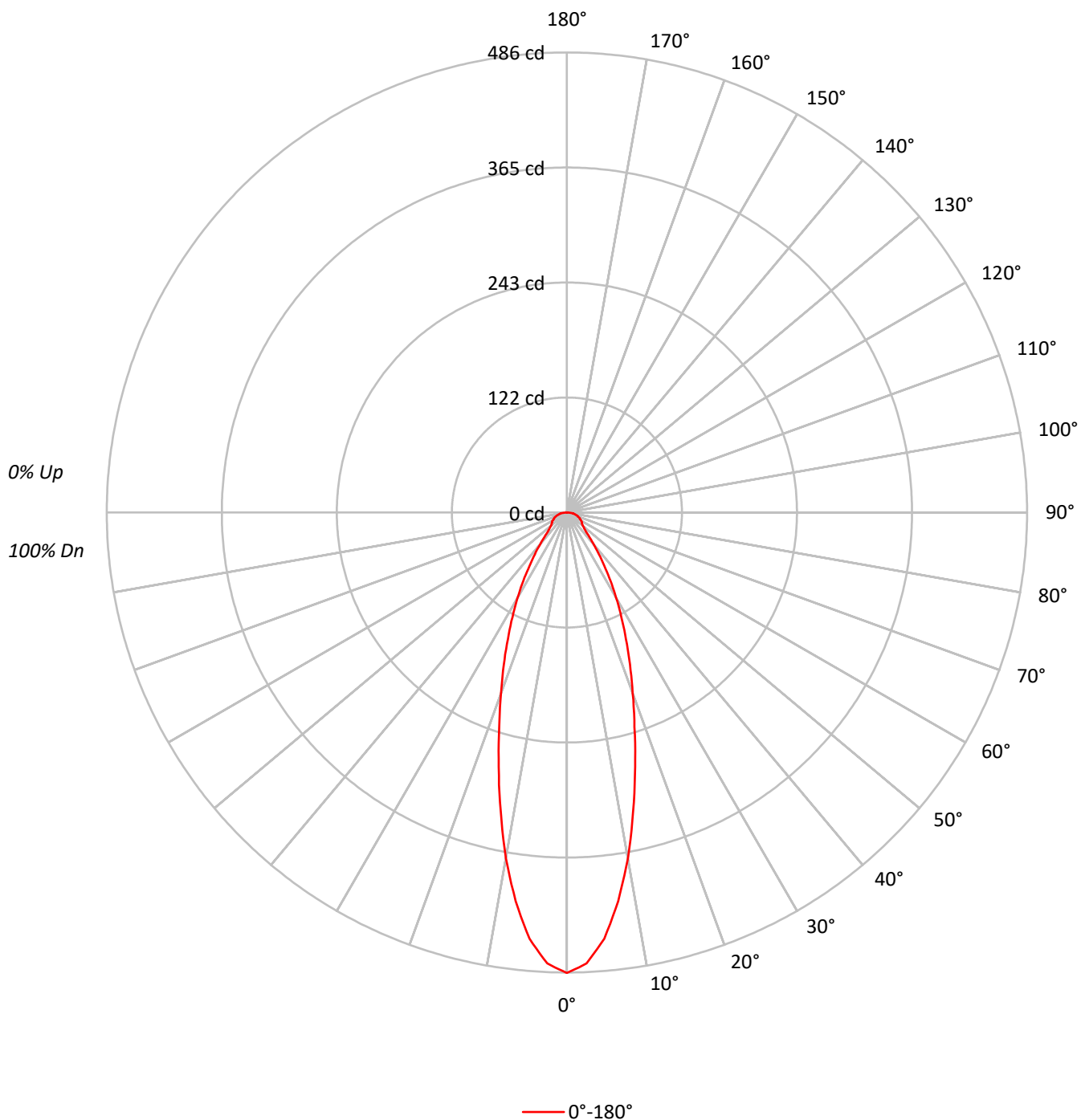
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 27.0 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	106680
5°	99515
10°	82564
15°	63133
20°	47394
25°	35688
30°	26384
35°	18444
40°	12624
45°	8776
50°	7539
55°	7417
60°	7763
65°	7783
70°	7950
75°	8218
80°	8966
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	13.5
10°-20°	77.3	25.8
20°-30°	68.0	22.7
30°-40°	43.9	14.6
40°-50°	23.3	7.8
50°-60°	17.5	5.8
60°-70°	14.9	5.0
70°-80°	10.5	3.5
80°-90°	4.1	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°	185.9	62.0
0°-40°	229.8	76.6
0°-60°	270.5	90.2
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°	486	
5°	452	40
15°	278	77
25°	148	68
35°	69	44
45°	28	23
55°	19	17
65°	15	15
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	486.5
2.5°	476.8
5°	452.1
7.5°	414.1
10°	370.8
12.5°	323.2
15°	278.1
17.5°	237.5
20°	203.1
22.5°	173.9
25°	147.5
27.5°	124.5
30°	104.2
32.5°	85.6
35°	68.9
37.5°	55.6
40°	44.1
42.5°	35.3
45°	28.3
47.5°	24.7
50°	22.1
52.5°	20.3
55°	19.4
57.5°	18.5
60°	17.7
62.5°	15.9
65°	15.0
67.5°	14.1
70°	12.4
72.5°	11.5
75°	9.7
77.5°	8.8
80°	7.1
82.5°	6.2
85°	3.5
87.5°	1.8
90°	0.0

(END OF REPORT)