

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: P1248866

Luminaire Tested: P3AS09R309027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

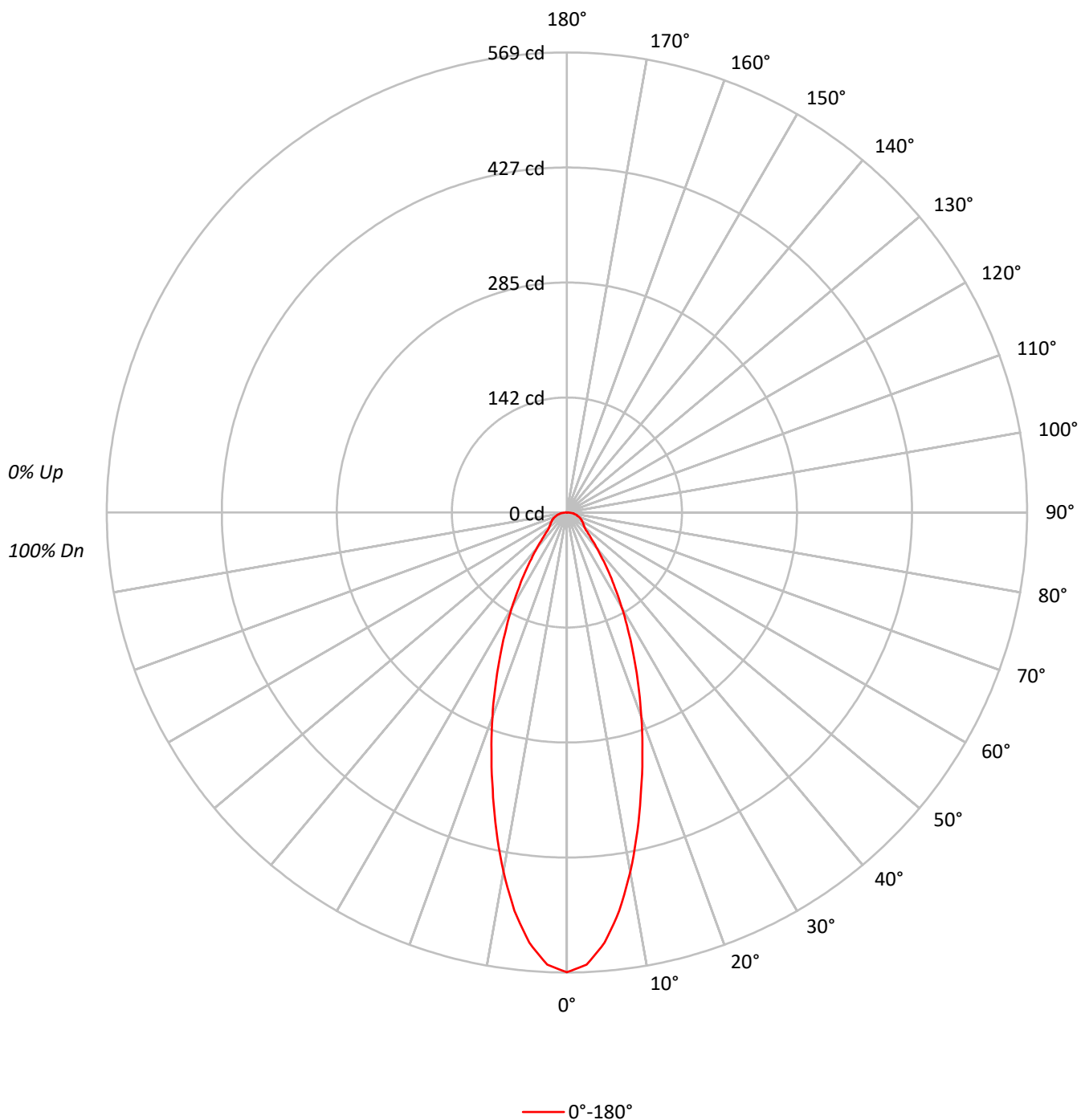
Lumens per Lamp: N/A
Luminaire Lumens: 384.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1248866

CATALOG NUMBER: P3AS09R309027DE010 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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	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	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124683
5°	117565
10°	100488
15°	80523
20°	62772
25°	47204
30°	34436
35°	24280
40°	16631
45°	11908
50°	9757
55°	9405
60°	9517
65°	9703
70°	10130
75°	10845
80°	11239
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	12.6
10°-20°	98.6	25.7
20°-30°	89.8	23.4
30°-40°	57.2	14.9
40°-50°	30.6	8.0
50°-60°	22.4	5.8
60°-70°	18.8	4.9
70°-80°	13.1	3.4
80°-90°	5.2	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°	236.7	61.6
0°-40°	293.9	76.5
0°-60°	346.8	90.3
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	569	
5°	534	48
15°	355	99
25°	195	90
35°	91	57
45°	38	31
55°	25	22
65°	19	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	568.6
2.5°	559.7
5°	534.1
7.5°	496.6
10°	451.3
12.5°	403.0
15°	354.7
17.5°	310.4
20°	269.0
22.5°	230.6
25°	195.1
27.5°	163.6
30°	136.0
32.5°	110.4
35°	90.7
37.5°	71.9
40°	58.1
42.5°	46.3
45°	38.4
47.5°	31.5
50°	28.6
52.5°	26.6
55°	24.6
57.5°	23.6
60°	21.7
62.5°	20.7
65°	18.7
67.5°	17.7
70°	15.8
72.5°	13.8
75°	12.8
77.5°	10.8
80°	8.9
82.5°	7.9
85°	4.9
87.5°	2.0
90°	0.0

(END OF REPORT)