

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: P1271968

Luminaire Tested: P3AS13R309827DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271968
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: P3AS13R309827DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

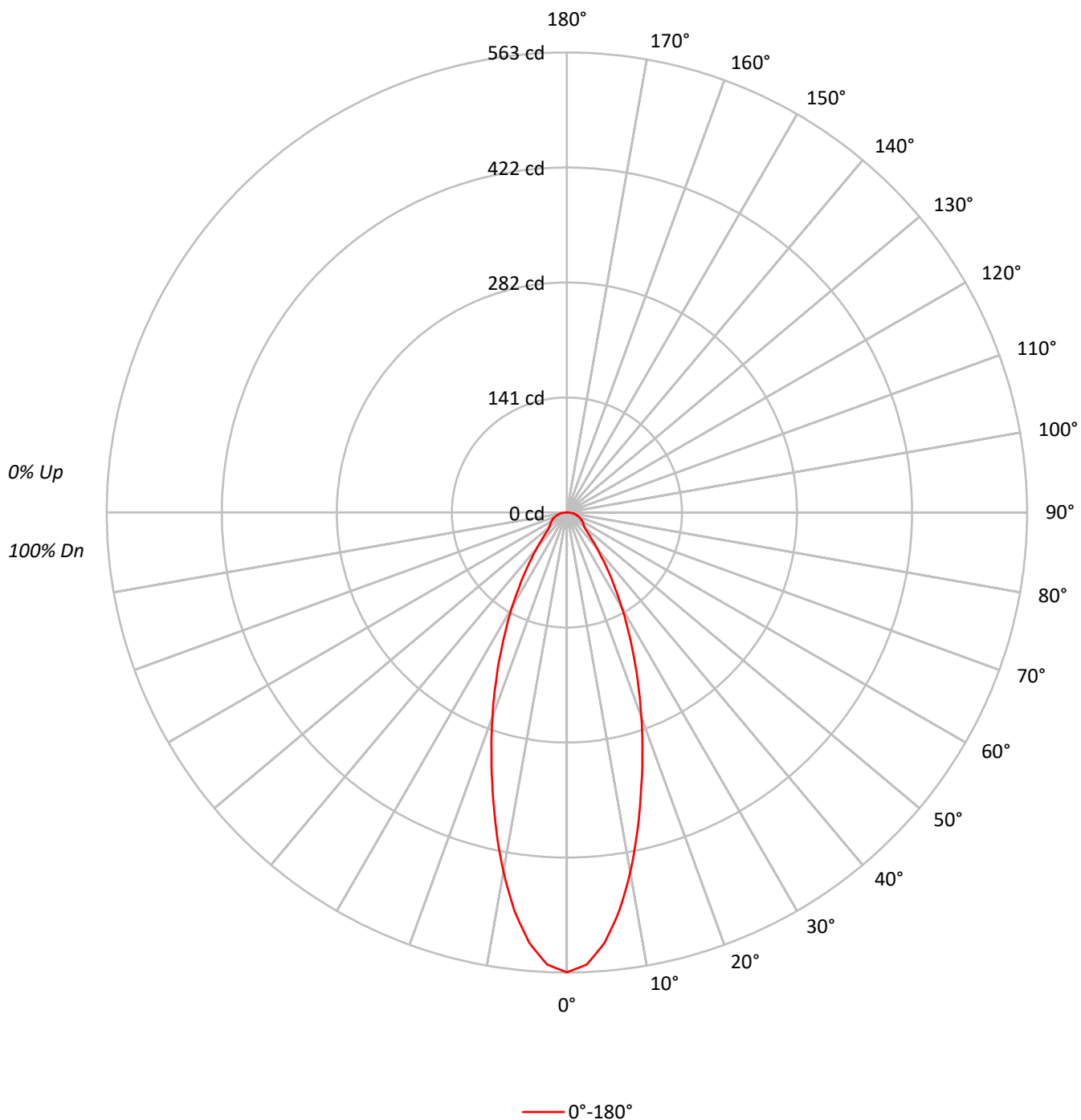
Lumens per Lamp: N/A
Luminaire Lumens: 380.1 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1271968

CATALOG NUMBER: P3AS13R309827DE010 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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		81
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		74
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		68
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		59
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		55
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		51
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123389
5°	116333
10°	99441
15°	79683
20°	62119
25°	46720
30°	34081
35°	24012
40°	16459
45°	11784
50°	9654
55°	9328
60°	9429
65°	9599
70°	10002
75°	10760
80°	11113
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13104 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	12.6
10°-20°	97.5	25.7
20°-30°	88.9	23.4
30°-40°	56.6	14.9
40°-50°	30.3	8.0
50°-60°	22.1	5.8
60°-70°	18.6	4.9
70°-80°	13.0	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°	234.3	61.6
0°-40°	290.8	76.5
0°-60°	343.2	90.3
0°-90°	380.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	380.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	563	
5°	528	48
15°	351	98
25°	193	89
35°	90	57
45°	38	30
55°	24	22
65°	18	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	562.7
2.5°	553.9
5°	528.5
7.5°	491.5
10°	446.6
12.5°	398.8
15°	351.0
17.5°	307.2
20°	266.2
22.5°	228.2
25°	193.1
27.5°	161.9
30°	134.6
32.5°	109.2
35°	89.7
37.5°	71.2
40°	57.5
42.5°	45.8
45°	38.0
47.5°	31.2
50°	28.3
52.5°	26.3
55°	24.4
57.5°	23.4
60°	21.5
62.5°	20.5
65°	18.5
67.5°	17.6
70°	15.6
72.5°	13.7
75°	12.7
77.5°	10.7
80°	8.8
82.5°	7.8
85°	4.9
87.5°	2.0
90°	0.0

(END OF REPORT)