

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: P1249559

Luminaire Tested: P3AS17R159027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

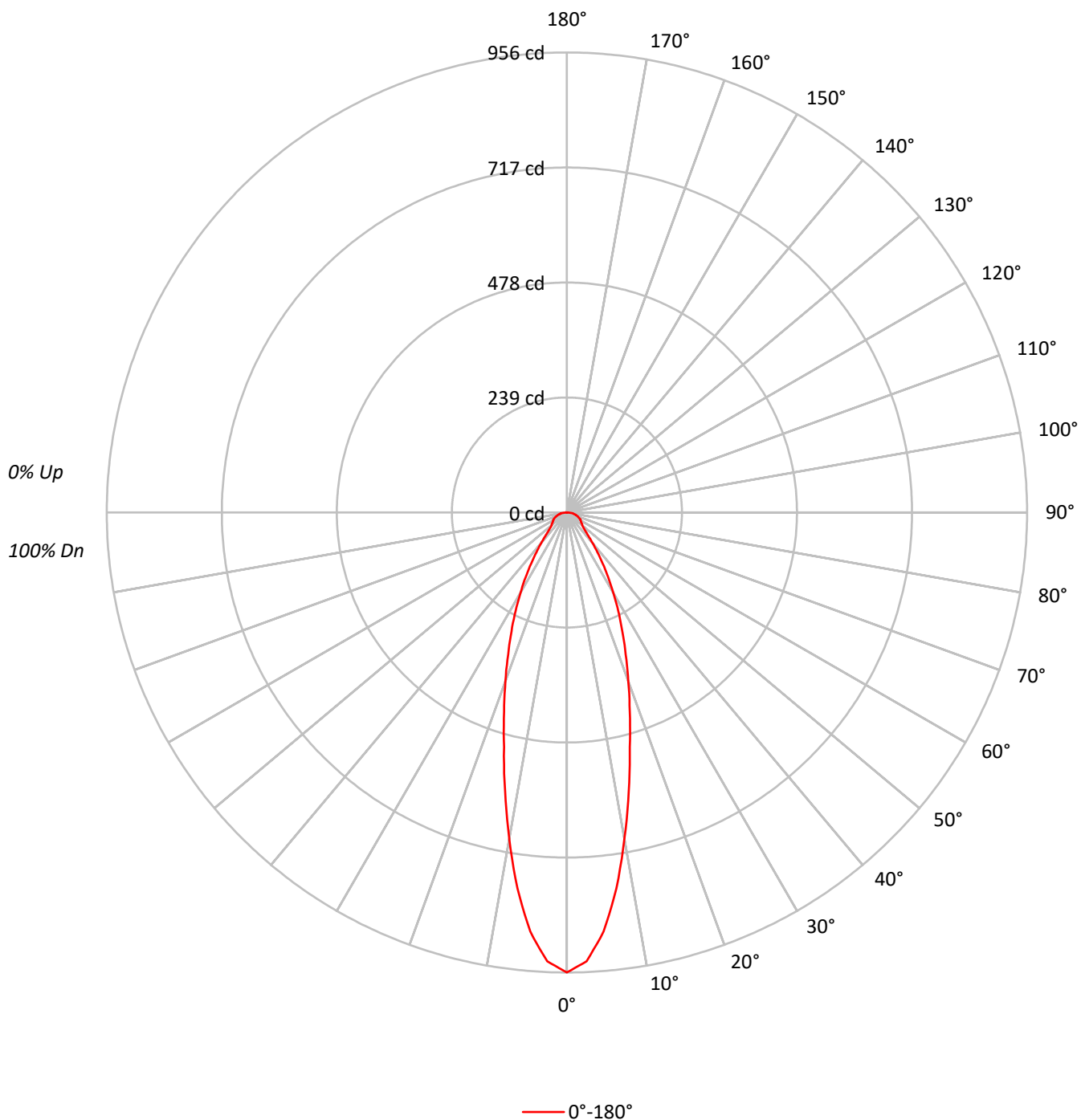
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	100	102	99	97		98	96	94		90
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		63
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		55
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		49
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	209588
5°	192449
10°	153348
15°	114598
20°	87041
25°	65907
30°	48767
35°	34827
40°	23845
45°	16684
50°	14191
55°	13916
60°	14473
65°	15306
70°	15580
75°	16182
80°	17553
85°	17360

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	13.8
10°-20°	141.6	25.3
20°-30°	125.5	22.4
30°-40°	82.2	14.7
40°-50°	43.9	7.8
50°-60°	33.2	5.9
60°-70°	28.6	5.1
70°-80°	19.7	3.5
80°-90°	8.0	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°	344.5	61.5
0°-40°	426.6	76.2
0°-60°	503.7	90.0
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	956	
5°	874	77
15°	505	142
25°	272	125
35°	130	82
45°	54	44
55°	36	33
65°	30	29
75°	19	20
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	955.8
2.5°	933.3
5°	874.3
7.5°	787.6
10°	688.7
12.5°	593.3
15°	504.8
17.5°	433.7
20°	373.0
22.5°	319.2
25°	272.4
27.5°	230.7
30°	192.6
32.5°	159.6
35°	130.1
37.5°	104.1
40°	83.3
42.5°	65.9
45°	53.8
47.5°	46.8
50°	41.6
52.5°	39.9
55°	36.4
57.5°	34.7
60°	33.0
62.5°	31.2
65°	29.5
67.5°	26.0
70°	24.3
72.5°	20.8
75°	19.1
77.5°	15.6
80°	13.9
82.5°	12.1
85°	6.9
87.5°	3.5
90°	0.0

(END OF REPORT)