

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: P1254973

Luminaire Tested: P3AS17R159035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254973
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: P3AS17R159035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

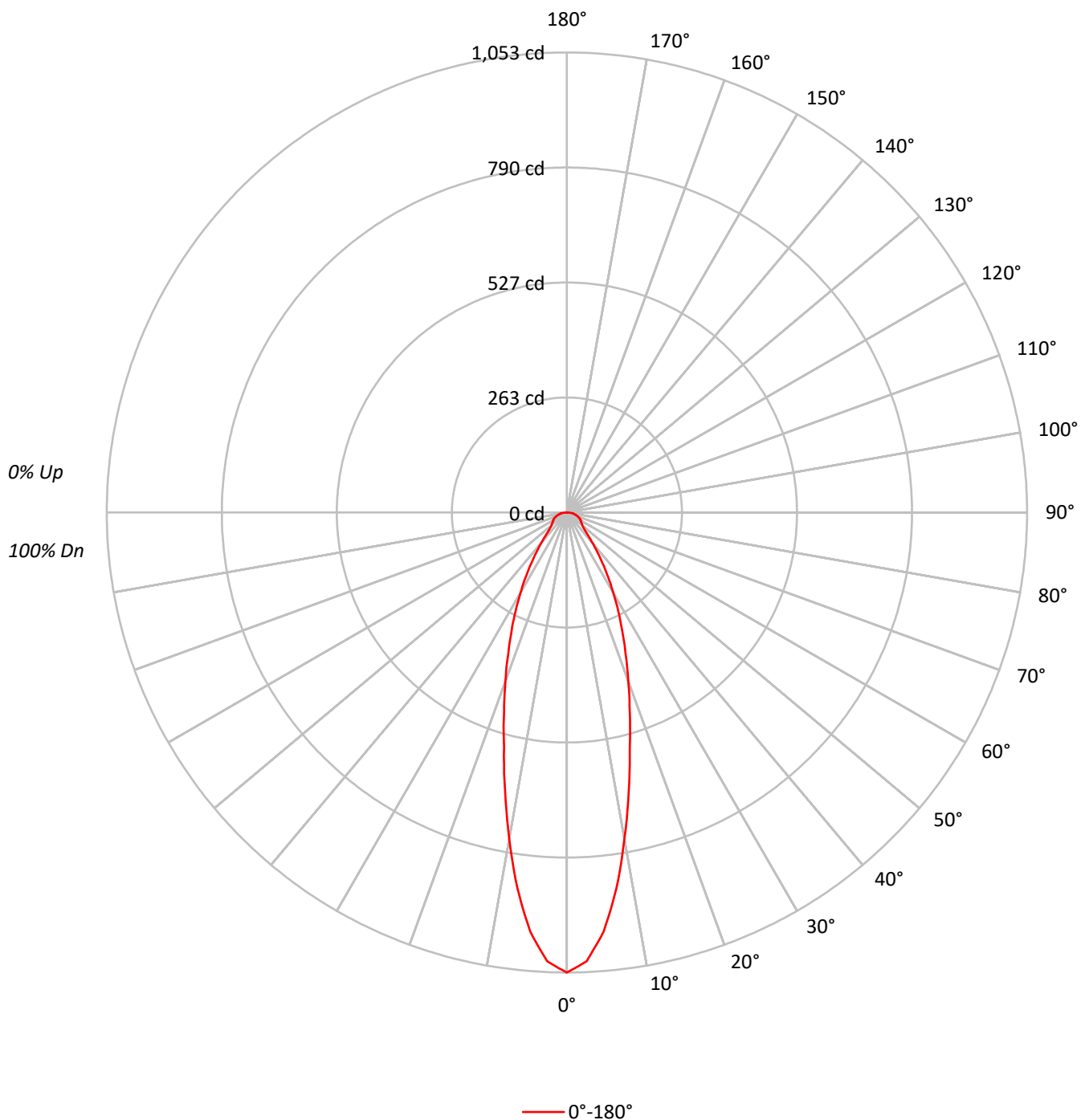
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	230924
5°	212040
10°	168957
15°	126266
20°	95885
25°	72609
30°	53730
35°	38360
40°	26249
45°	18390
50°	15658
55°	15330
60°	15920
65°	16863
70°	17182
75°	17792
80°	19321
85°	19121

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 22512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.3	13.8
10°-20°	156.0	25.3
20°-30°	138.2	22.4
30°-40°	90.5	14.7
40°-50°	48.4	7.8
50°-60°	36.6	5.9
60°-70°	31.5	5.1
70°-80°	21.7	3.5
80°-90°	8.8	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°	379.5	61.5
0°-40°	470.0	76.2
0°-60°	555.0	90.0
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1053	
5°	963	85
15°	556	156
25°	300	138
35°	143	91
45°	59	48
55°	40	37
65°	32	31
75°	21	22
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1053.1
2.5°	1028.3
5°	963.3
7.5°	867.7
10°	758.8
12.5°	653.7
15°	556.2
17.5°	477.8
20°	410.9
22.5°	351.7
25°	300.1
27.5°	254.2
30°	212.2
32.5°	175.8
35°	143.3
37.5°	114.7
40°	91.7
42.5°	72.6
45°	59.3
47.5°	51.6
50°	45.9
52.5°	44.0
55°	40.1
57.5°	38.2
60°	36.3
62.5°	34.4
65°	32.5
67.5°	28.7
70°	26.8
72.5°	22.9
75°	21.0
77.5°	17.2
80°	15.3
82.5°	13.4
85°	7.6
87.5°	3.8
90°	0.0

(END OF REPORT)