

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: P1270183

Luminaire Tested: P3AS17R309740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270183
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: P3AS17R309740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

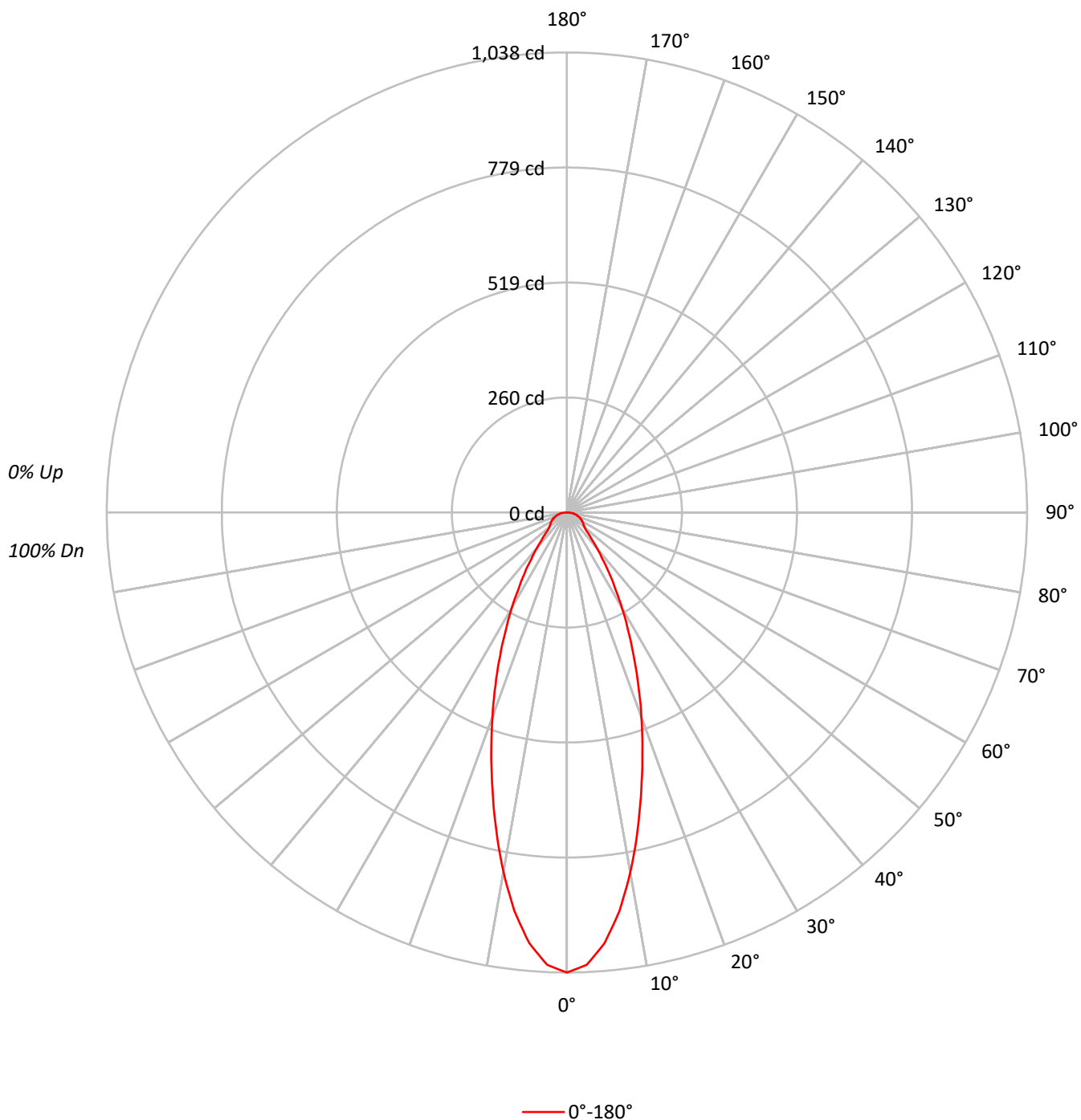
Lumens per Lamp: N/A
Luminaire Lumens: 701.1 lumens
Efficiency: N/A
Efficacy: 33.1 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				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	75	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	57	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°	227591
5°	214615
10°	183452
15°	147016
20°	114600
25°	86182
30°	62845
35°	44303
40°	30371
45°	21770
50°	17808
55°	17204
60°	17367
65°	17745
70°	18465
75°	19825
80°	20457
85°	22644

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 24192 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	12.6
10°-20°	179.9	25.7
20°-30°	164.0	23.4
30°-40°	104.3	14.9
40°-50°	55.9	8.0
50°-60°	40.9	5.8
60°-70°	34.3	4.9
70°-80°	24.0	3.4
80°-90°	9.6	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°	432.1	61.6
0°-40°	536.5	76.5
0°-60°	633.2	90.3
0°-90°	701.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	701.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1038	
5°	975	88
15°	648	180
25°	356	164
35°	166	104
45°	70	56
55°	45	41
65°	34	34
75°	23	24
85°	9	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1037.9
2.5°	1021.8
5°	975.0
7.5°	906.6
10°	823.9
12.5°	735.7
15°	647.6
17.5°	566.6
20°	491.1
22.5°	420.9
25°	356.2
27.5°	298.6
30°	248.2
32.5°	201.5
35°	165.5
37.5°	131.3
40°	106.1
42.5°	84.5
45°	70.2
47.5°	57.6
50°	52.2
52.5°	48.6
55°	45.0
57.5°	43.2
60°	39.6
62.5°	37.8
65°	34.2
67.5°	32.4
70°	28.8
72.5°	25.2
75°	23.4
77.5°	19.8
80°	16.2
82.5°	14.4
85°	9.0
87.5°	3.6
90°	0.0

(END OF REPORT)