

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: P1260245

Luminaire Tested: P3AS17R129050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260245
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: P3AS17R129050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

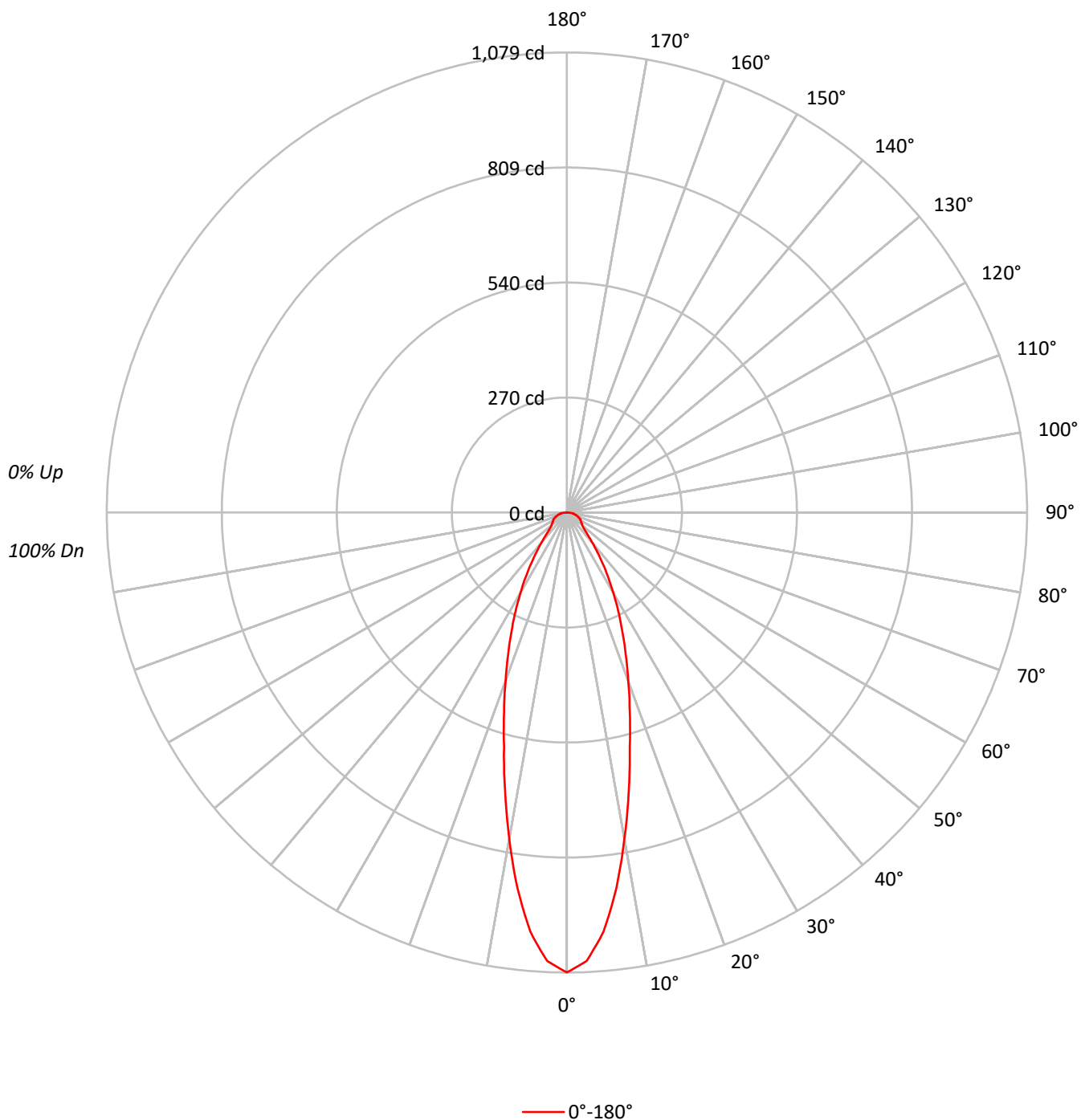
Lumens per Lamp: N/A
Luminaire Lumens: 632.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	236538
5°	217191
10°	173054
15°	129331
20°	98219
25°	74375
30°	55021
35°	39297
40°	26908
45°	18824
50°	16034
55°	15713
60°	16314
65°	17278
70°	17567
75°	18216
80°	19826
85°	19625

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23016 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	13.8
10°-20°	159.8	25.3
20°-30°	141.6	22.4
30°-40°	92.7	14.7
40°-50°	49.6	7.8
50°-60°	37.5	5.9
60°-70°	32.2	5.1
70°-80°	22.2	3.5
80°-90°	9.0	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°	388.8	61.5
0°-40°	481.5	76.2
0°-60°	568.5	90.0
0°-90°	632.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1079	
5°	987	87
15°	570	160
25°	307	142
35°	147	93
45°	61	50
55°	41	37
65°	33	32
75°	22	22
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1078.7
2.5°	1053.3
5°	986.7
7.5°	888.8
10°	777.2
12.5°	669.6
15°	569.7
17.5°	489.4
20°	420.9
22.5°	360.2
25°	307.4
27.5°	260.4
30°	217.3
32.5°	180.1
35°	146.8
37.5°	117.5
40°	94.0
42.5°	74.4
45°	60.7
47.5°	52.9
50°	47.0
52.5°	45.0
55°	41.1
57.5°	39.2
60°	37.2
62.5°	35.2
65°	33.3
67.5°	29.4
70°	27.4
72.5°	23.5
75°	21.5
77.5°	17.6
80°	15.7
82.5°	13.7
85°	7.8
87.5°	3.9
90°	0.0

(END OF REPORT)