

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: P1257648

Luminaire Tested: P3AS17R129040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257648
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: P3AS17R129040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

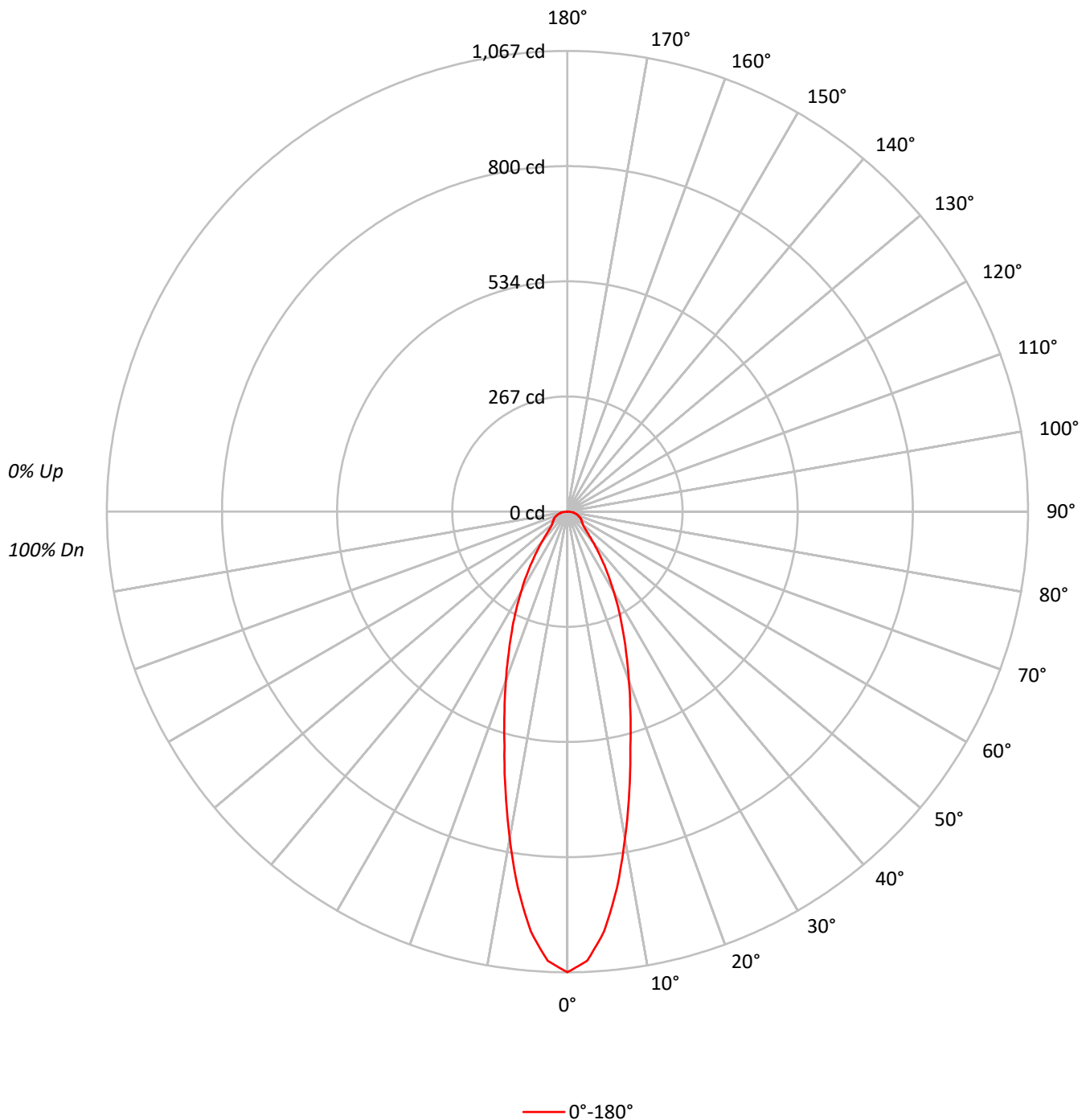
Lumens per Lamp: N/A
Luminaire Lumens: 625.0 lumens
Efficiency: N/A
Efficacy: 27.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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°	233929
5°	214791
10°	171139
15°	127901
20°	97145
25°	73553
30°	54413
35°	38869
40°	26593
45°	18607
50°	15863
55°	15560
60°	16139
65°	17071
70°	17375
75°	18046
80°	19573
85°	19373

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 22848 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.4	13.8
10°-20°	158.0	25.3
20°-30°	140.0	22.4
30°-40°	91.7	14.7
40°-50°	49.0	7.8
50°-60°	37.0	5.9
60°-70°	31.9	5.1
70°-80°	22.0	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°	384.4	61.5
0°-40°	476.1	76.2
0°-60°	562.2	90.0
0°-90°	625.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	625.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1067	
5°	976	86
15°	563	158
25°	304	140
35°	145	92
45°	60	49
55°	41	37
65°	33	32
75°	21	22
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1066.8
2.5°	1041.6
5°	975.8
7.5°	879.0
10°	768.6
12.5°	662.1
15°	563.4
17.5°	484.0
20°	416.3
22.5°	356.2
25°	304.0
27.5°	257.5
30°	214.9
32.5°	178.1
35°	145.2
37.5°	116.2
40°	92.9
42.5°	73.6
45°	60.0
47.5°	52.3
50°	46.5
52.5°	44.5
55°	40.7
57.5°	38.7
60°	36.8
62.5°	34.8
65°	32.9
67.5°	29.0
70°	27.1
72.5°	23.2
75°	21.3
77.5°	17.4
80°	15.5
82.5°	13.6
85°	7.7
87.5°	3.9
90°	0.0

(END OF REPORT)