

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: P1251827

Luminaire Tested: P3AS10R129030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251827
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: P3AS10R129030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

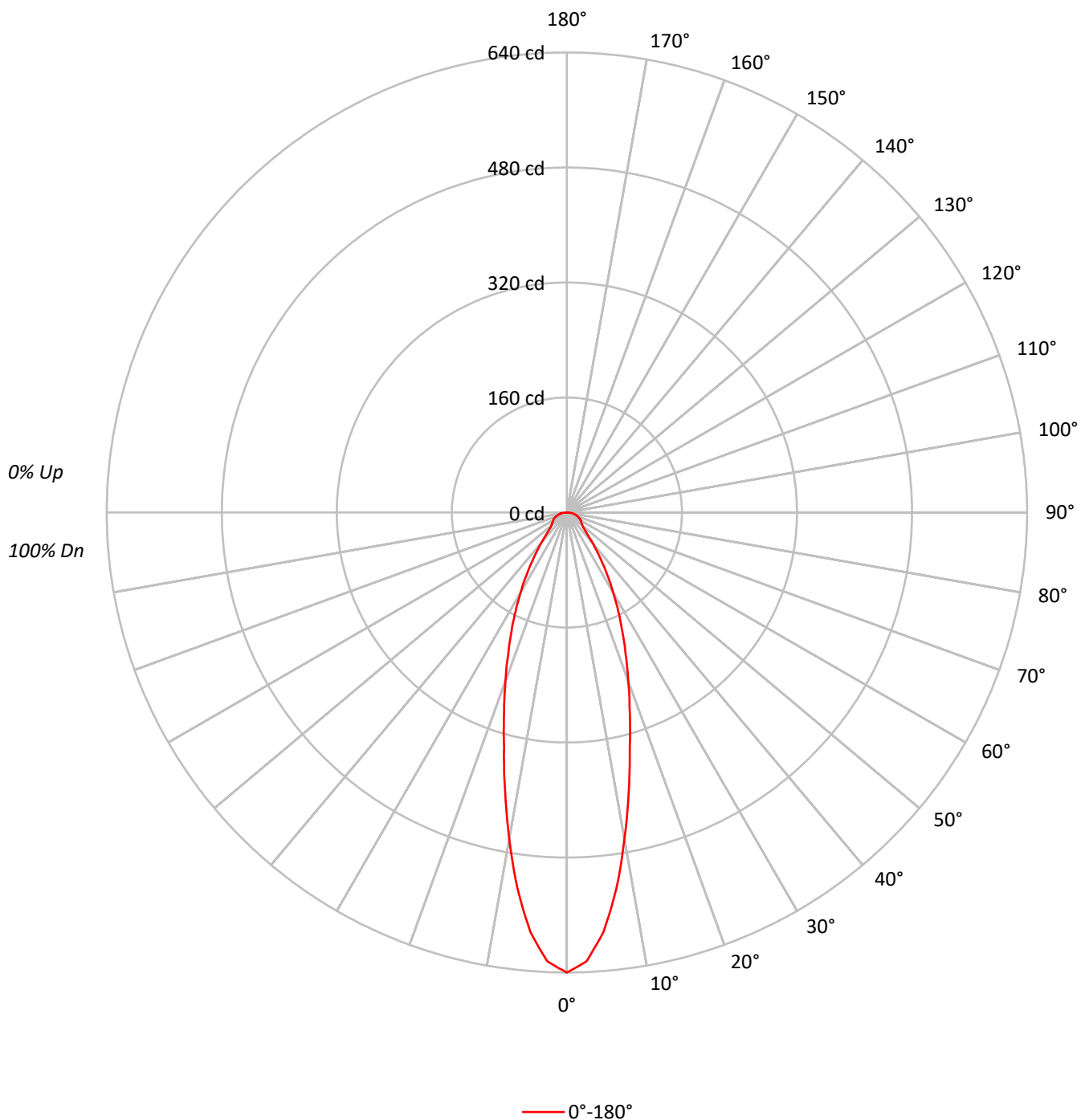
Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 32.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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°	140362
5°	128879
10°	102692
15°	76731
20°	58292
25°	44132
30°	32638
35°	23316
40°	15973
45°	11164
50°	9518
55°	9328
60°	9692
65°	10222
70°	10450
75°	10845
80°	11744
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13608 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	13.8
10°-20°	94.8	25.3
20°-30°	84.0	22.4
30°-40°	55.0	14.7
40°-50°	29.4	7.8
50°-60°	22.2	5.9
60°-70°	19.1	5.1
70°-80°	13.2	3.5
80°-90°	5.3	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°	230.7	61.5
0°-40°	285.7	76.2
0°-60°	337.3	90.0
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	640	
5°	586	52
15°	338	95
25°	182	84
35°	87	55
45°	36	29
55°	24	22
65°	20	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	640.1
2.5°	625.0
5°	585.5
7.5°	527.4
10°	461.2
12.5°	397.3
15°	338.0
17.5°	290.4
20°	249.8
22.5°	213.7
25°	182.4
27.5°	154.5
30°	128.9
32.5°	106.9
35°	87.1
37.5°	69.7
40°	55.8
42.5°	44.1
45°	36.0
47.5°	31.4
50°	27.9
52.5°	26.7
55°	24.4
57.5°	23.2
60°	22.1
62.5°	20.9
65°	19.7
67.5°	17.4
70°	16.3
72.5°	13.9
75°	12.8
77.5°	10.5
80°	9.3
82.5°	8.1
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)