

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: P1256897

Luminaire Tested: P3AS09R159040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256897
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: P3AS09R159040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

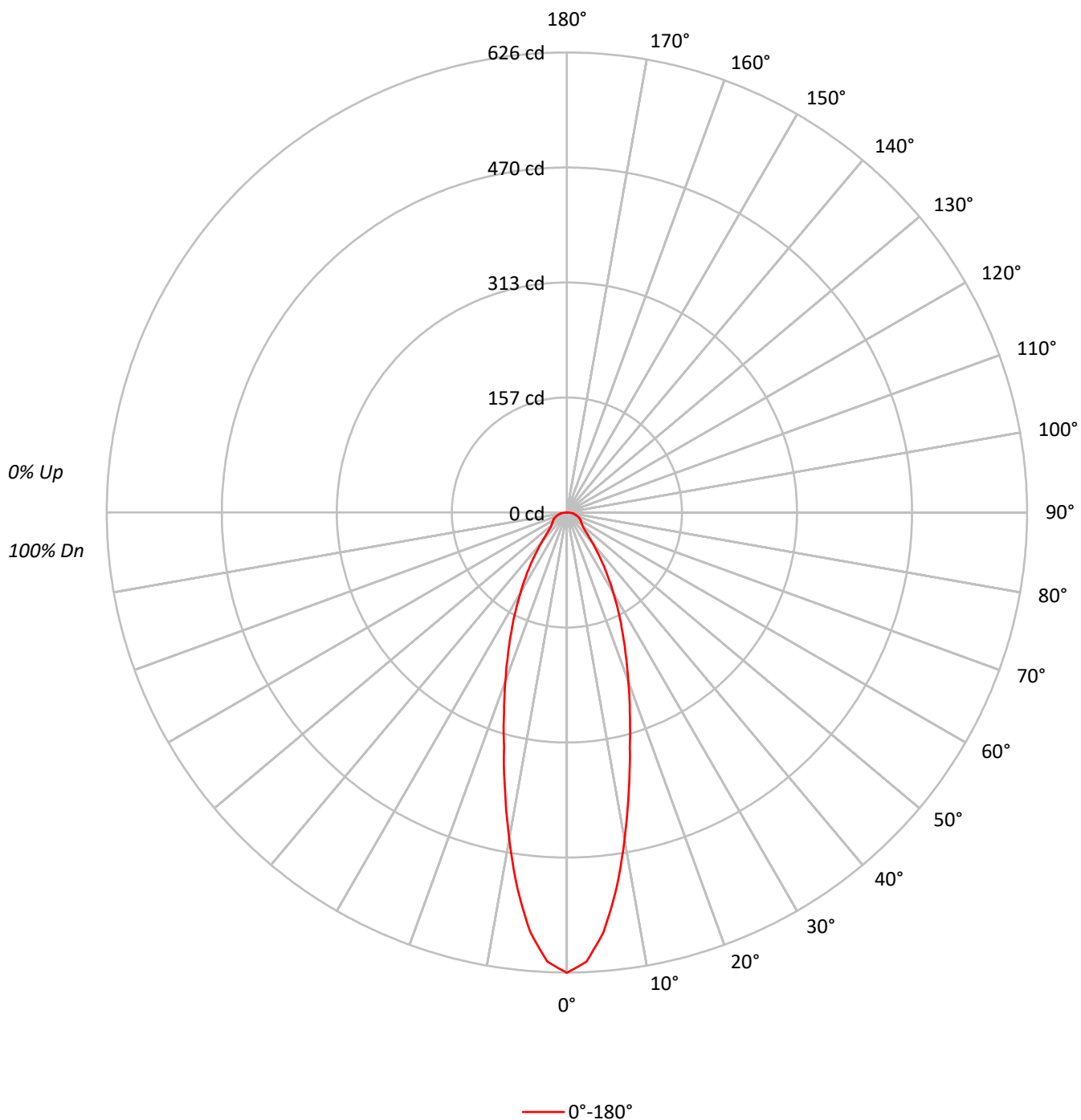
Lumens per Lamp: N/A
Luminaire Lumens: 367.0 lumens
Efficiency: N/A
Efficacy: 33.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	137357
5°	126128
10°	100488
15°	75097
20°	57032
25°	43188
30°	31954
35°	22834
40°	15629
45°	10916
50°	9313
55°	9137
60°	9473
65°	10014
70°	10194
75°	10590
80°	11491
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13440 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	13.8
10°-20°	92.8	25.3
20°-30°	82.2	22.4
30°-40°	53.8	14.7
40°-50°	28.8	7.8
50°-60°	21.7	5.9
60°-70°	18.7	5.1
70°-80°	12.9	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°	225.7	61.5
0°-40°	279.6	76.2
0°-60°	330.1	90.0
0°-90°	367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	367.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	626	
5°	573	51
15°	331	93
25°	178	82
35°	85	54
45°	35	29
55°	24	22
65°	19	19
75°	12	13
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	626.4
2.5°	611.6
5°	573.0
7.5°	516.1
10°	451.3
12.5°	388.8
15°	330.8
17.5°	284.2
20°	244.4
22.5°	209.2
25°	178.5
27.5°	151.2
30°	126.2
32.5°	104.6
35°	85.3
37.5°	68.2
40°	54.6
42.5°	43.2
45°	35.2
47.5°	30.7
50°	27.3
52.5°	26.1
55°	23.9
57.5°	22.7
60°	21.6
62.5°	20.5
65°	19.3
67.5°	17.1
70°	15.9
72.5°	13.6
75°	12.5
77.5°	10.2
80°	9.1
82.5°	8.0
85°	4.5
87.5°	2.3
90°	0.0

(END OF REPORT)