

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: P1252956

Luminaire Tested: P3AS24R159030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252956
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: P3AS24R159030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

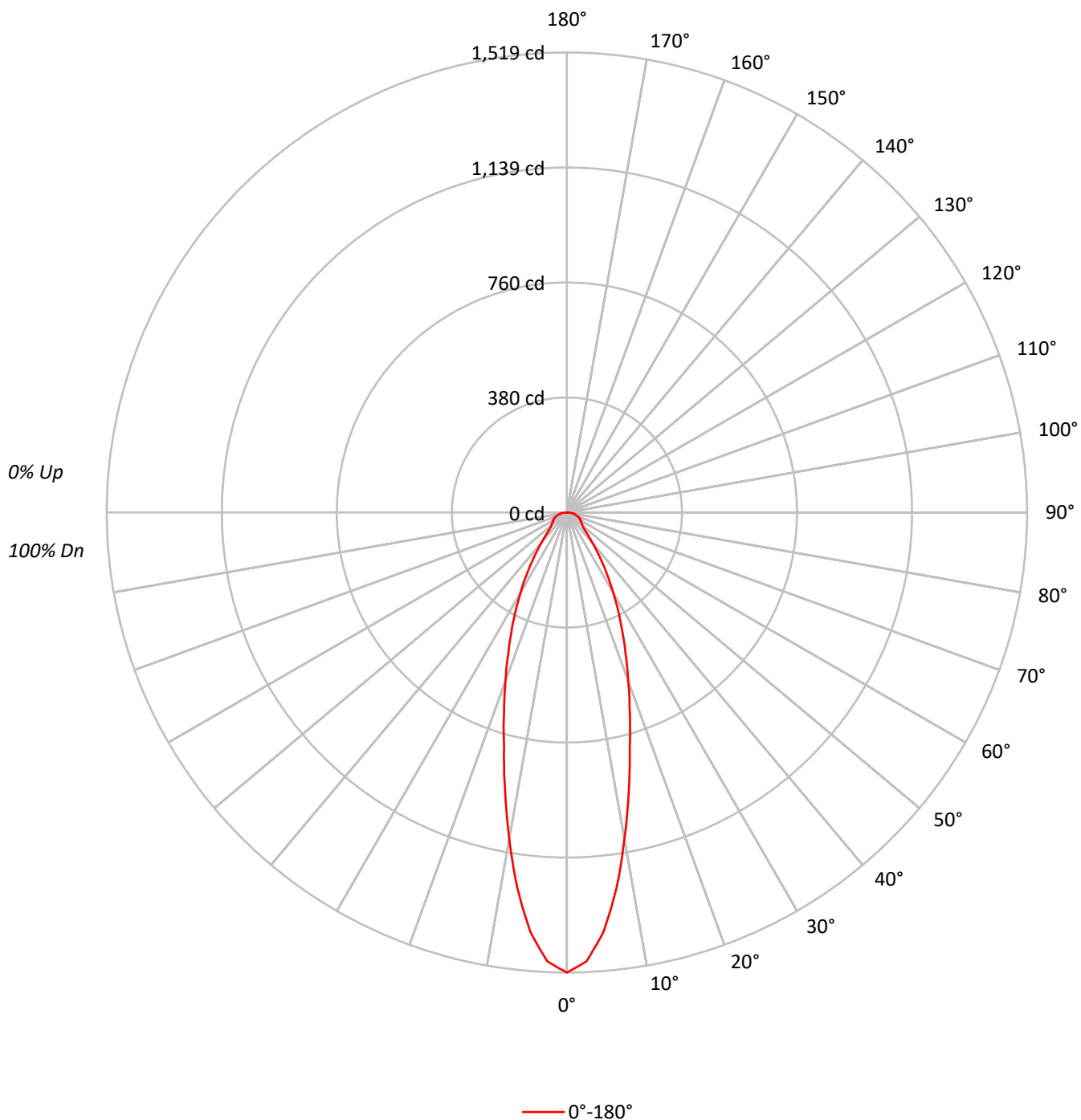
Lumens per Lamp: N/A
Luminaire Lumens: 890.0 lumens
Efficiency: N/A
Efficacy: 30.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	333109
5°	305854
10°	243705
15°	182135
20°	138332
25°	104716
30°	77480
35°	55359
40°	37871
45°	26514
50°	22583
55°	22135
60°	22981
65°	24335
70°	24748
75°	25671
80°	27908
85°	27676

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 32424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.1	13.8
10°-20°	225.0	25.3
20°-30°	199.4	22.4
30°-40°	130.6	14.7
40°-50°	69.8	7.8
50°-60°	52.7	5.9
60°-70°	45.4	5.1
70°-80°	31.3	3.5
80°-90°	12.7	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°	547.5	61.5
0°-40°	678.0	76.2
0°-60°	800.5	89.9
0°-90°	890.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	890.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1519	
5°	1390	123
15°	802	225
25°	433	199
35°	207	131
45°	86	70
55°	58	53
65°	47	45
75°	30	31
85°	11	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1519.1
2.5°	1483.3
5°	1389.5
7.5°	1251.7
10°	1094.5
12.5°	942.9
15°	802.3
17.5°	689.3
20°	592.8
22.5°	507.3
25°	432.8
27.5°	366.7
30°	306.0
32.5°	253.6
35°	206.8
37.5°	165.4
40°	132.3
42.5°	104.8
45°	85.5
47.5°	74.4
50°	66.2
52.5°	63.4
55°	57.9
57.5°	55.1
60°	52.4
62.5°	49.6
65°	46.9
67.5°	41.4
70°	38.6
72.5°	33.1
75°	30.3
77.5°	24.8
80°	22.1
82.5°	19.3
85°	11.0
87.5°	5.5
90°	0.0

(END OF REPORT)