

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: P1258428

Luminaire Tested: P3AS24R259040D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259040D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

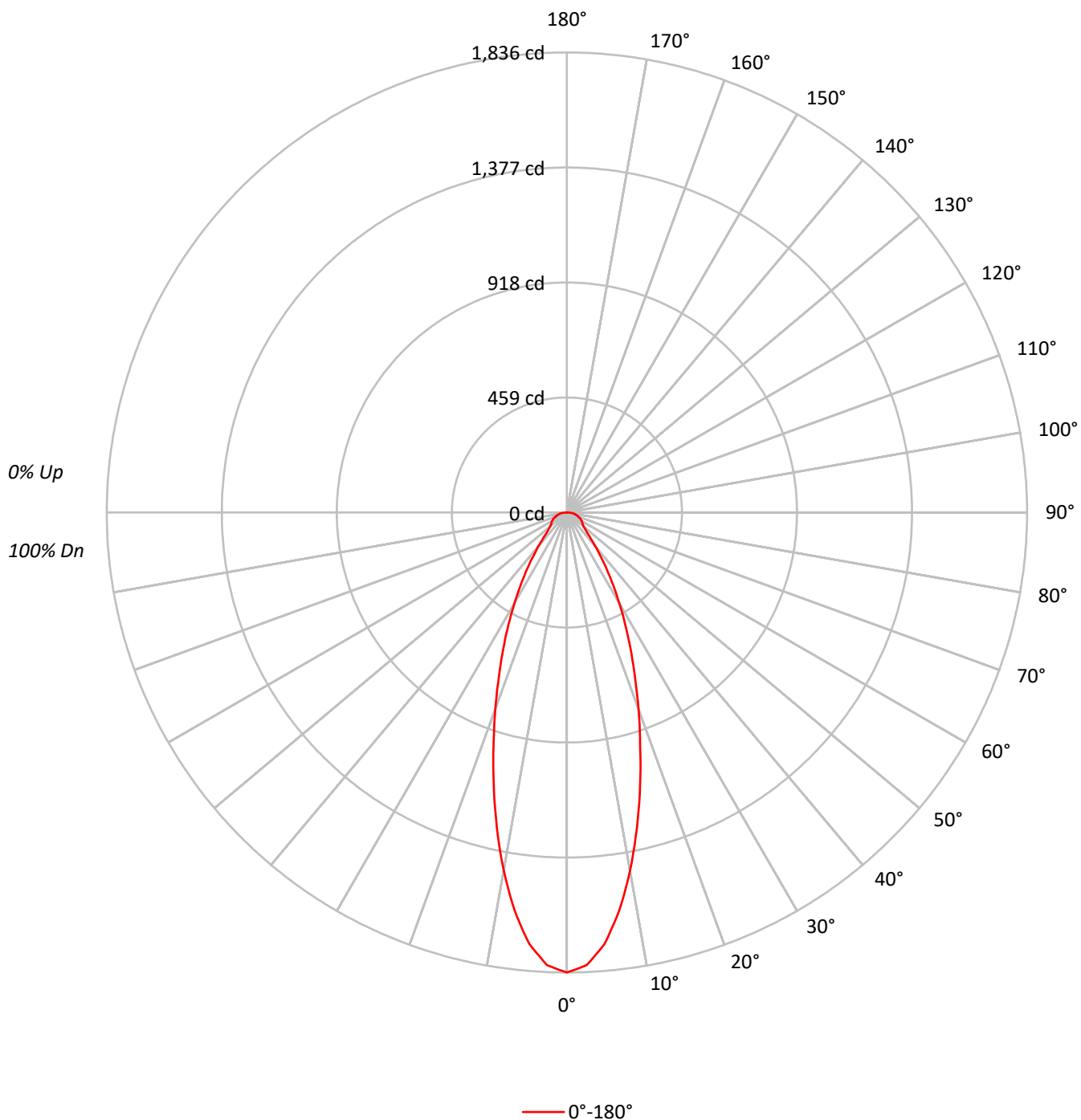
Lumens per Lamp: N/A
Luminaire Lumens: 1198.1 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	402534
5°	380298
10°	323241
15°	256029
20°	194594
25°	145145
30°	105561
35°	74686
40°	50666
45°	35353
50°	29679
55°	28673
60°	30261
65°	31132
70°	30774
75°	33042
80°	37884
85°	37739

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 40319 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	13.0
10°-20°	312.2	26.1
20°-30°	276.4	23.1
30°-40°	176.1	14.7
40°-50°	93.2	7.8
50°-60°	68.5	5.7
60°-70°	58.3	4.9
70°-80°	41.2	3.4
80°-90°	16.3	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°	744.5	62.1
0°-40°	920.6	76.8
0°-60°	1082.2	90.3
0°-90°	1198.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1198.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1836	
5°	1728	156
15°	1128	312
25°	600	276
35°	279	176
45°	114	93
55°	75	68
65°	60	58
75°	39	41
85°	15	16
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1835.7
2.5°	1808.7
5°	1727.7
7.5°	1601.7
10°	1451.7
12.5°	1289.8
15°	1127.8
17.5°	971.8
20°	833.9
22.5°	707.9
25°	599.9
27.5°	503.9
30°	416.9
32.5°	341.9
35°	279.0
37.5°	222.0
40°	177.0
42.5°	141.0
45°	114.0
47.5°	99.0
50°	87.0
52.5°	81.0
55°	75.0
57.5°	72.0
60°	69.0
62.5°	63.0
65°	60.0
67.5°	54.0
70°	48.0
72.5°	45.0
75°	39.0
77.5°	33.0
80°	30.0
82.5°	24.0
85°	15.0
87.5°	6.0
90°	0.0

(END OF REPORT)