

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: P1252982

Luminaire Tested: P3AS24R209030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252982
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

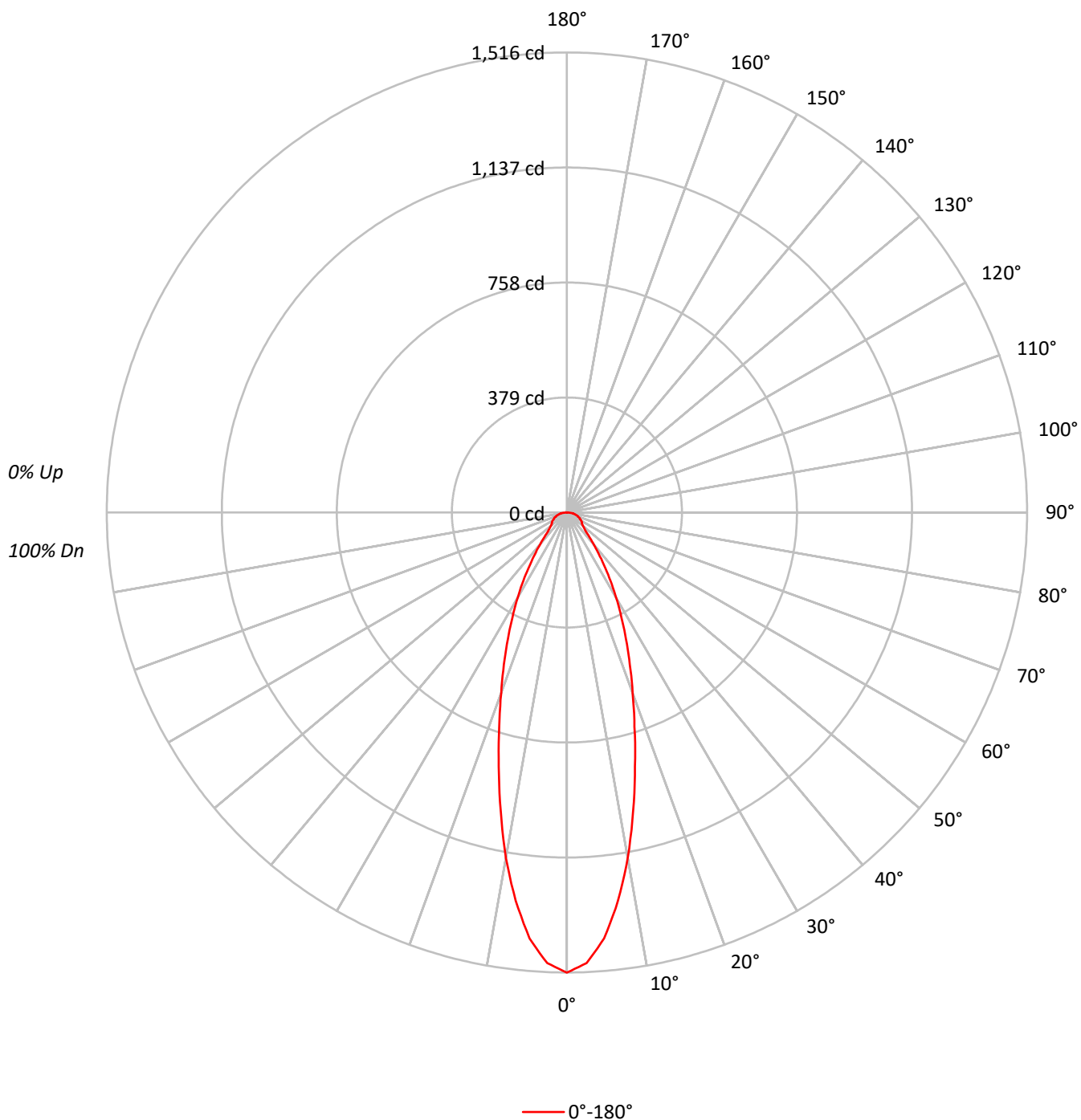
Lumens per Lamp: N/A
Luminaire Lumens: 935.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	332495
5°	310147
10°	257354
15°	196800
20°	147690
25°	111200
30°	82215
35°	57447
40°	39388
45°	27321
50°	23470
55°	23129
60°	24121
65°	24283
70°	24684
75°	25671
80°	27781
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°	126.2	13.5
10°-20°	241.0	25.8
20°-30°	212.0	22.7
30°-40°	136.9	14.6
40°-50°	72.6	7.8
50°-60°	54.5	5.8
60°-70°	46.3	5.0
70°-80°	32.7	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°	579.3	62.0
0°-40°	716.2	76.6
0°-60°	843.2	90.2
0°-90°	935.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	935.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1516	
5°	1409	126
15°	867	241
25°	460	212
35°	215	137
45°	88	73
55°	60	55
65°	47	46
75°	30	33
85°	11	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1516.3
2.5°	1486.0
5°	1409.0
7.5°	1290.6
10°	1155.8
12.5°	1007.2
15°	866.9
17.5°	740.3
20°	632.9
22.5°	542.1
25°	459.6
27.5°	388.0
30°	324.7
32.5°	266.9
35°	214.6
37.5°	173.4
40°	137.6
42.5°	110.1
45°	88.1
47.5°	77.1
50°	68.8
52.5°	63.3
55°	60.5
57.5°	57.8
60°	55.0
62.5°	49.5
65°	46.8
67.5°	44.0
70°	38.5
72.5°	35.8
75°	30.3
77.5°	27.5
80°	22.0
82.5°	19.3
85°	11.0
87.5°	5.5
90°	0.0

(END OF REPORT)