

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: P1255689

Luminaire Tested: P3AS24R209035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255689
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: P3AS24R209035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

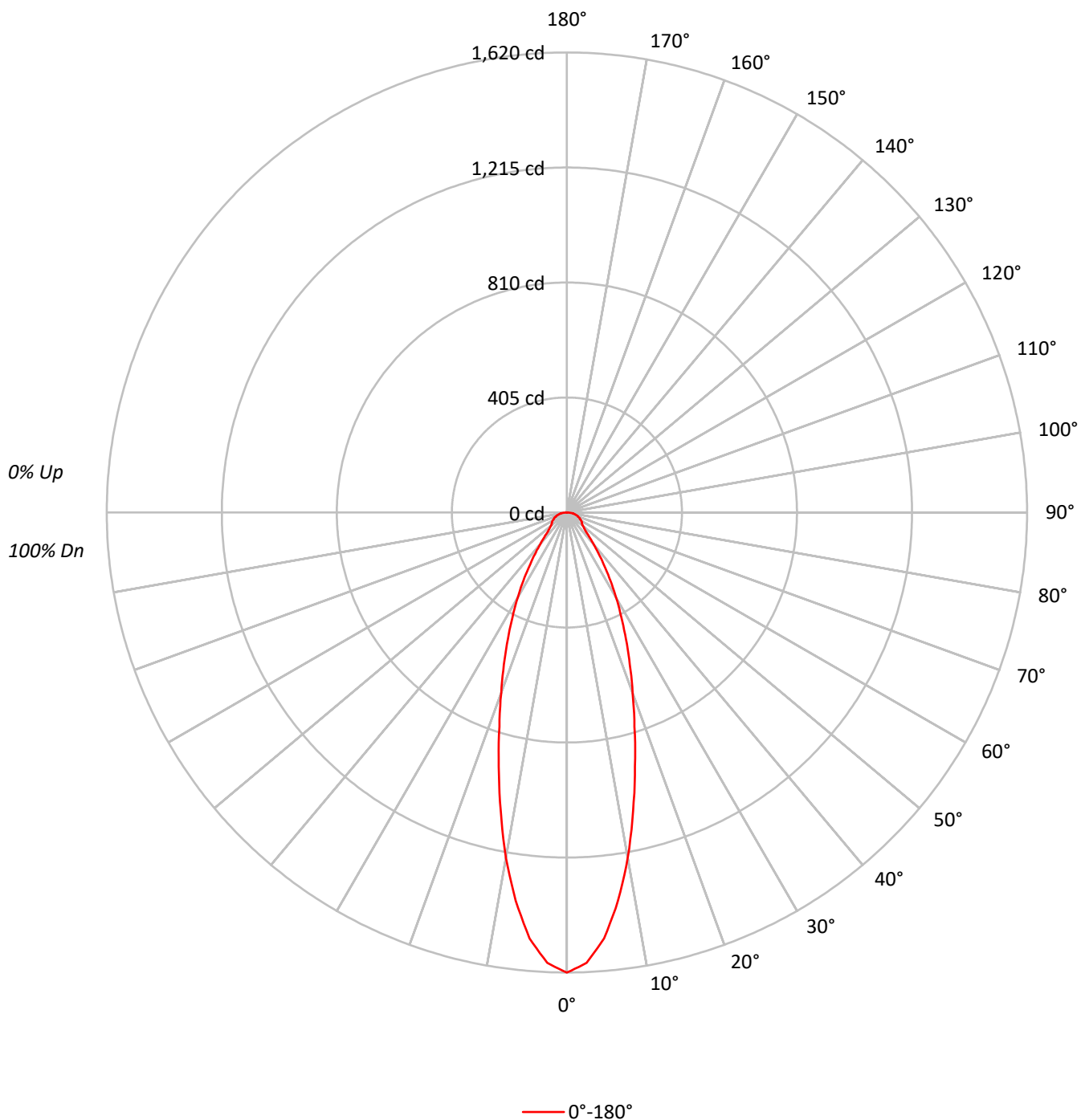
Lumens per Lamp: N/A
Luminaire Lumens: 999.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255689

CATALOG NUMBER: P3AS24R209035D010 E3PHLP1MW

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°	355257
5°	331366
10°	274967
15°	210262
20°	157817
25°	118797
30°	87862
35°	61382
40°	42079
45°	29181
50°	25074
55°	24735
60°	25787
65°	25943
70°	26415
75°	27366
80°	29675
85°	29688

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 34607 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.9	13.5
10°-20°	257.5	25.8
20°-30°	226.6	22.7
30°-40°	146.2	14.6
40°-50°	77.5	7.8
50°-60°	58.2	5.8
60°-70°	49.5	5.0
70°-80°	34.9	3.5
80°-90°	13.6	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°	619.0	62.0
0°-40°	765.2	76.6
0°-60°	900.9	90.2
0°-90°	999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	999.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1620	
5°	1505	135
15°	926	258
25°	491	227
35°	229	146
45°	94	78
55°	65	58
65°	50	50
75°	32	35
85°	12	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1620.1
2.5°	1587.7
5°	1505.4
7.5°	1379.0
10°	1234.9
12.5°	1076.1
15°	926.2
17.5°	790.9
20°	676.3
22.5°	579.2
25°	491.0
27.5°	414.6
30°	347.0
32.5°	285.2
35°	229.3
37.5°	185.2
40°	147.0
42.5°	117.6
45°	94.1
47.5°	82.3
50°	73.5
52.5°	67.6
55°	64.7
57.5°	61.7
60°	58.8
62.5°	52.9
65°	50.0
67.5°	47.0
70°	41.2
72.5°	38.2
75°	32.3
77.5°	29.4
80°	23.5
82.5°	20.6
85°	11.8
87.5°	5.9
90°	0.0

(END OF REPORT)