

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: P1252637

Luminaire Tested: P3AS20R209030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252637
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: P3AS20R209030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

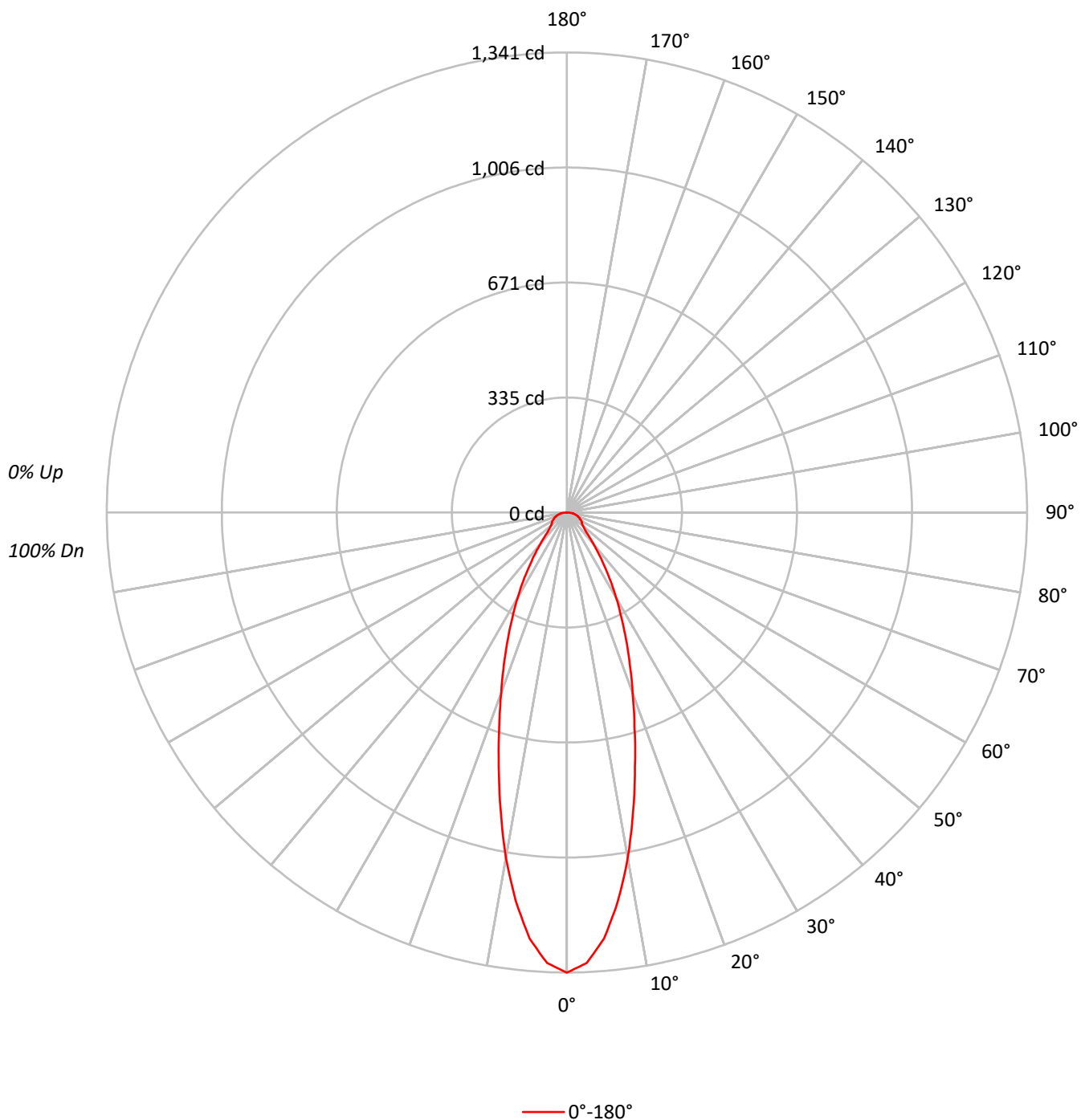
Lumens per Lamp: N/A
Luminaire Lumens: 827.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	294099
5°	274311
10°	227629
15°	174053
20°	130631
25°	98352
30°	72720
35°	50835
40°	34837
45°	24158
50°	20775
55°	20453
60°	21358
65°	21481
70°	21863
75°	22706
80°	24624
85°	24405

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 28560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.6	13.5
10°-20°	213.2	25.8
20°-30°	187.6	22.7
30°-40°	121.1	14.6
40°-50°	64.2	7.8
50°-60°	48.2	5.8
60°-70°	41.0	5.0
70°-80°	28.9	3.5
80°-90°	11.3	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°	512.4	62.0
0°-40°	633.5	76.6
0°-60°	745.9	90.2
0°-90°	827.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	827.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1341	
5°	1246	112
15°	767	213
25°	406	188
35°	190	121
45°	78	64
55°	54	48
65°	41	41
75°	27	29
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1341.2
2.5°	1314.4
5°	1246.2
7.5°	1141.6
10°	1022.3
12.5°	890.9
15°	766.7
17.5°	654.8
20°	559.8
22.5°	479.5
25°	406.5
27.5°	343.2
30°	287.2
32.5°	236.1
35°	189.9
37.5°	153.3
40°	121.7
42.5°	97.4
45°	77.9
47.5°	68.2
50°	60.9
52.5°	56.0
55°	53.5
57.5°	51.1
60°	48.7
62.5°	43.8
65°	41.4
67.5°	38.9
70°	34.1
72.5°	31.6
75°	26.8
77.5°	24.3
80°	19.5
82.5°	17.0
85°	9.7
87.5°	4.9
90°	0.0

(END OF REPORT)