

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: P1265803

Luminaire Tested: P3AS20R309730D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265803
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309730D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

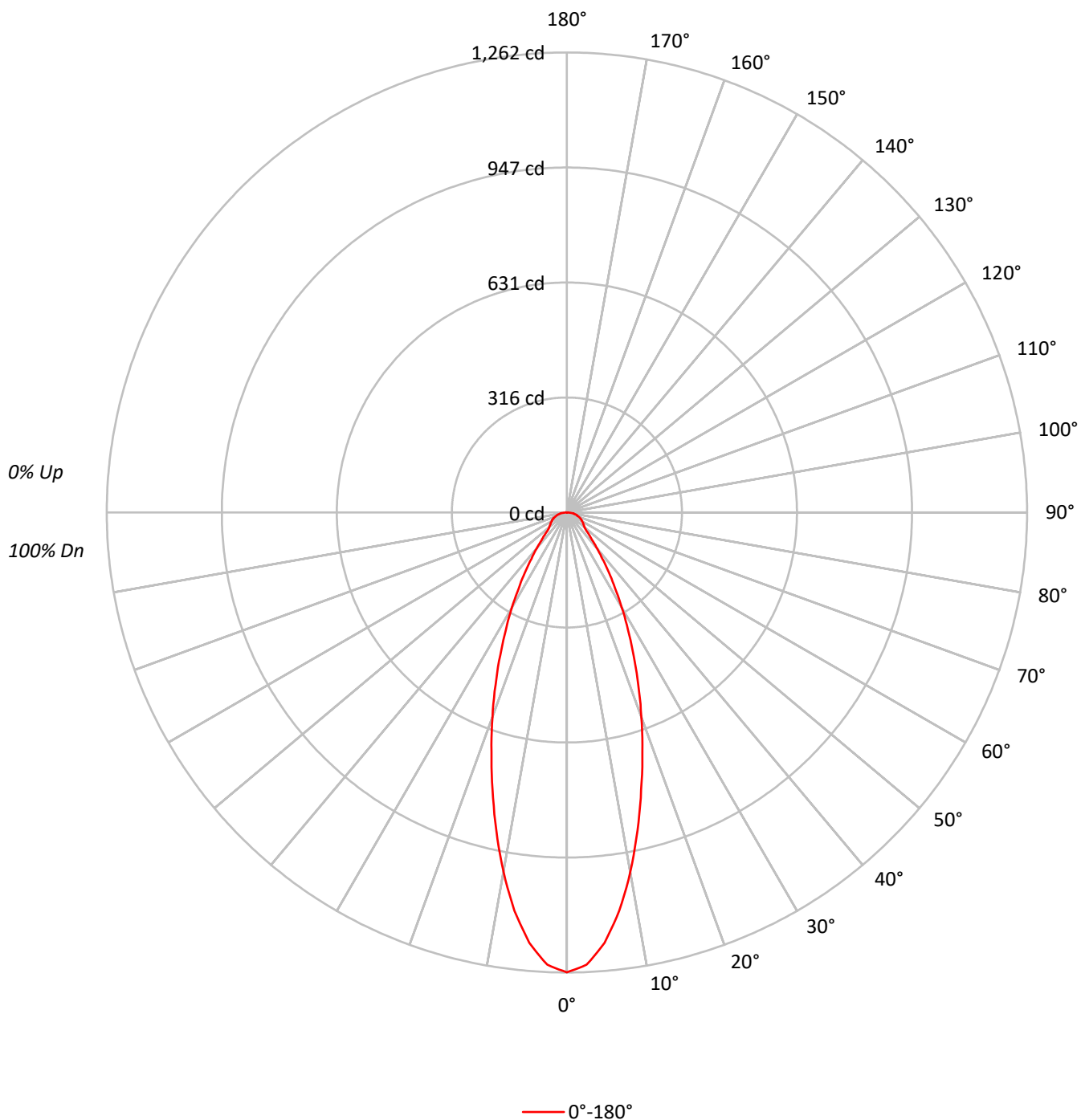
Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 29.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	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	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276623
5°	260840
10°	222953
15°	178684
20°	139289
25°	104740
30°	76392
35°	53833
40°	36926
45°	26452
50°	21628
55°	20912
60°	21095
65°	21533
70°	22440
75°	24061
80°	24877
85°	27424

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 29400 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.2	12.6
10°-20°	218.7	25.7
20°-30°	199.3	23.4
30°-40°	126.8	14.9
40°-50°	67.9	8.0
50°-60°	49.7	5.8
60°-70°	41.7	4.9
70°-80°	29.1	3.4
80°-90°	11.6	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°	525.2	61.6
0°-40°	652.0	76.5
0°-60°	769.6	90.3
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1262	
5°	1185	107
15°	787	219
25°	433	199
35°	201	127
45°	85	68
55°	55	50
65°	42	42
75°	28	29
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1261.5
2.5°	1241.8
5°	1185.0
7.5°	1101.9
10°	1001.3
12.5°	894.2
15°	787.1
17.5°	688.7
20°	596.9
22.5°	511.6
25°	432.9
27.5°	362.9
30°	301.7
32.5°	244.9
35°	201.1
37.5°	159.6
40°	129.0
42.5°	102.8
45°	85.3
47.5°	70.0
50°	63.4
52.5°	59.0
55°	54.7
57.5°	52.5
60°	48.1
62.5°	45.9
65°	41.5
67.5°	39.4
70°	35.0
72.5°	30.6
75°	28.4
77.5°	24.0
80°	19.7
82.5°	17.5
85°	10.9
87.5°	4.4
90°	0.0

(END OF REPORT)