

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: P1272939

Luminaire Tested: P3AS02R209830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272939
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: P3AS02R209830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

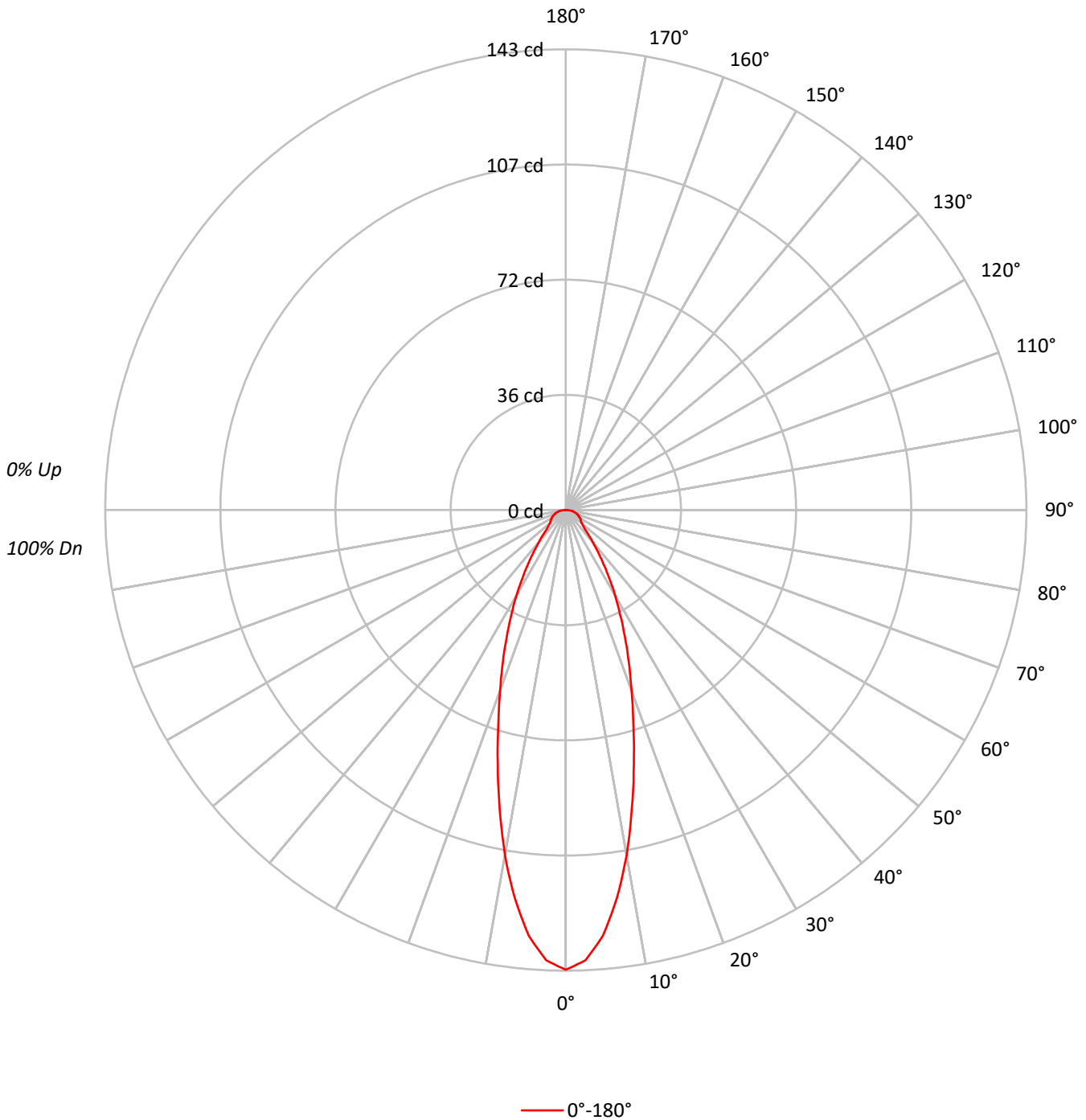
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 88.0 lumens
Efficiency: N/A
Efficacy: 24.5 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): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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: P1272939
CATALOG NUMBER: P3AS02R209830DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1272939
 CATALOG NUMBER: P3AS02R209830DE010 E3PHLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31291
5°	29188
10°	24226
15°	18525
20°	13908
25°	10476
30°	7748
35°	5407
40°	3721
45°	2574
50°	2217
55°	2179
60°	2281
65°	2283
70°	2308
75°	2372
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 3024 cd/sqm



TEST NUMBER: P1272939

CATALOG NUMBER: P3AS02R209830DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	13.5
10°-20°	22.7	25.8
20°-30°	20.0	22.7
30°-40°	12.9	14.6
40°-50°	6.9	7.8
50°-60°	5.1	5.8
60°-70°	4.4	5.0
70°-80°	3.1	3.5
80°-90°	1.2	1.3
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
<hr/>		
0°-30°	54.5	62.0
0°-40°	67.4	76.6
0°-60°	79.4	90.2
0°-90°	88.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	143	
5°	133	12
15°	82	23
25°	43	20
35°	20	13
45°	8	7
55°	6	5
65°	4	4
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1272939
CATALOG NUMBER: P3AS02R209830DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	142.7
2.5°	139.9
5°	132.6
7.5°	121.5
10°	108.8
12.5°	94.8
15°	81.6
17.5°	69.7
20°	59.6
22.5°	51.0
25°	43.3
27.5°	36.5
30°	30.6
32.5°	25.1
35°	20.2
37.5°	16.3
40°	13.0
42.5°	10.4
45°	8.3
47.5°	7.3
50°	6.5
52.5°	6.0
55°	5.7
57.5°	5.4
60°	5.2
62.5°	4.7
65°	4.4
67.5°	4.1
70°	3.6
72.5°	3.4
75°	2.8
77.5°	2.6
80°	2.1
82.5°	1.8
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)