

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: P1261912

Luminaire Tested: P3AS05R309727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261912
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: P3AS05R309727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

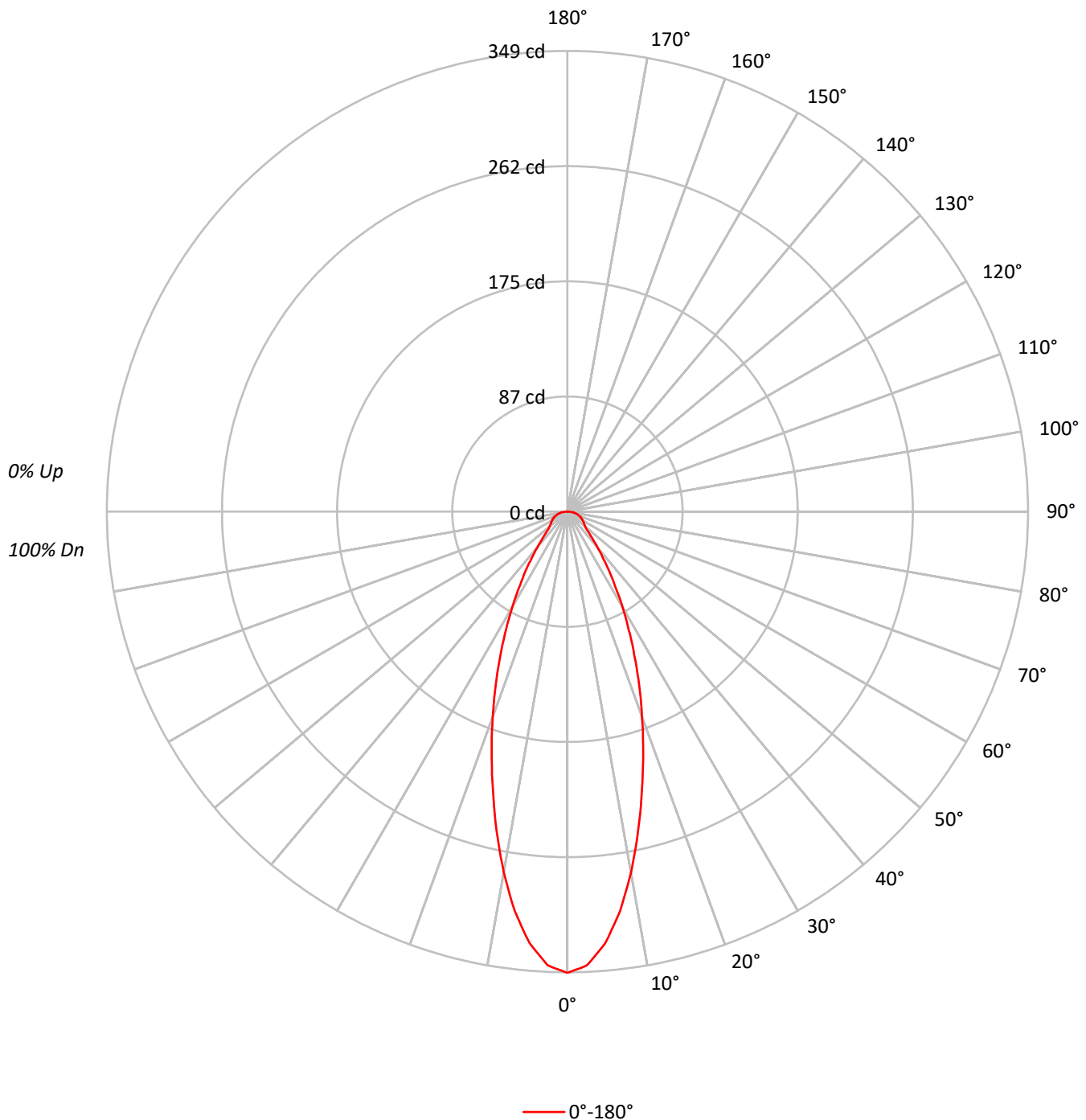
Lumens per Lamp: N/A
Luminaire Lumens: 236.0 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1261912

CATALOG NUMBER: P3AS05R309727DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261912

CATALOG NUMBER: P3AS05R309727DE010 E3PHLP1MW

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°	76617
5°	72243
10°	61767
15°	49490
20°	38573
25°	29010
30°	21168
35°	14910
40°	10219
45°	7319
50°	6004
55°	5773
60°	5833
65°	5967
70°	6219
75°	6693
80°	6945
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8064 cd/sqm

TEST NUMBER: P1261912

CATALOG NUMBER: P3AS05R309727DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.7	12.6
10°-20°	60.6	25.7
20°-30°	55.2	23.4
30°-40°	35.1	14.9
40°-50°	18.8	8.0
50°-60°	13.7	5.8
60°-70°	11.5	4.9
70°-80°	8.1	3.4
80°-90°	3.2	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°	145.5	61.6
0°-40°	180.6	76.5
0°-60°	213.2	90.3
0°-90°	236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	349	
5°	328	30
15°	218	61
25°	120	55
35°	56	35
45°	24	19
55°	15	14
65°	12	12
75°	8	8
85°	3	3
90°	0	

TEST NUMBER: P1261912

CATALOG NUMBER: P3AS05R309727DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	349.4
2.5°	344.0
5°	328.2
7.5°	305.2
10°	277.4
12.5°	247.7
15°	218.0
17.5°	190.8
20°	165.3
22.5°	141.7
25°	119.9
27.5°	100.5
30°	83.6
32.5°	67.8
35°	55.7
37.5°	44.2
40°	35.7
42.5°	28.5
45°	23.6
47.5°	19.4
50°	17.6
52.5°	16.4
55°	15.1
57.5°	14.5
60°	13.3
62.5°	12.7
65°	11.5
67.5°	10.9
70°	9.7
72.5°	8.5
75°	7.9
77.5°	6.7
80°	5.5
82.5°	4.8
85°	3.0
87.5°	1.2
90°	0.0

(END OF REPORT)