

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: P1264291

Luminaire Tested: P3AS05R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264291
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: P3AS05R309730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

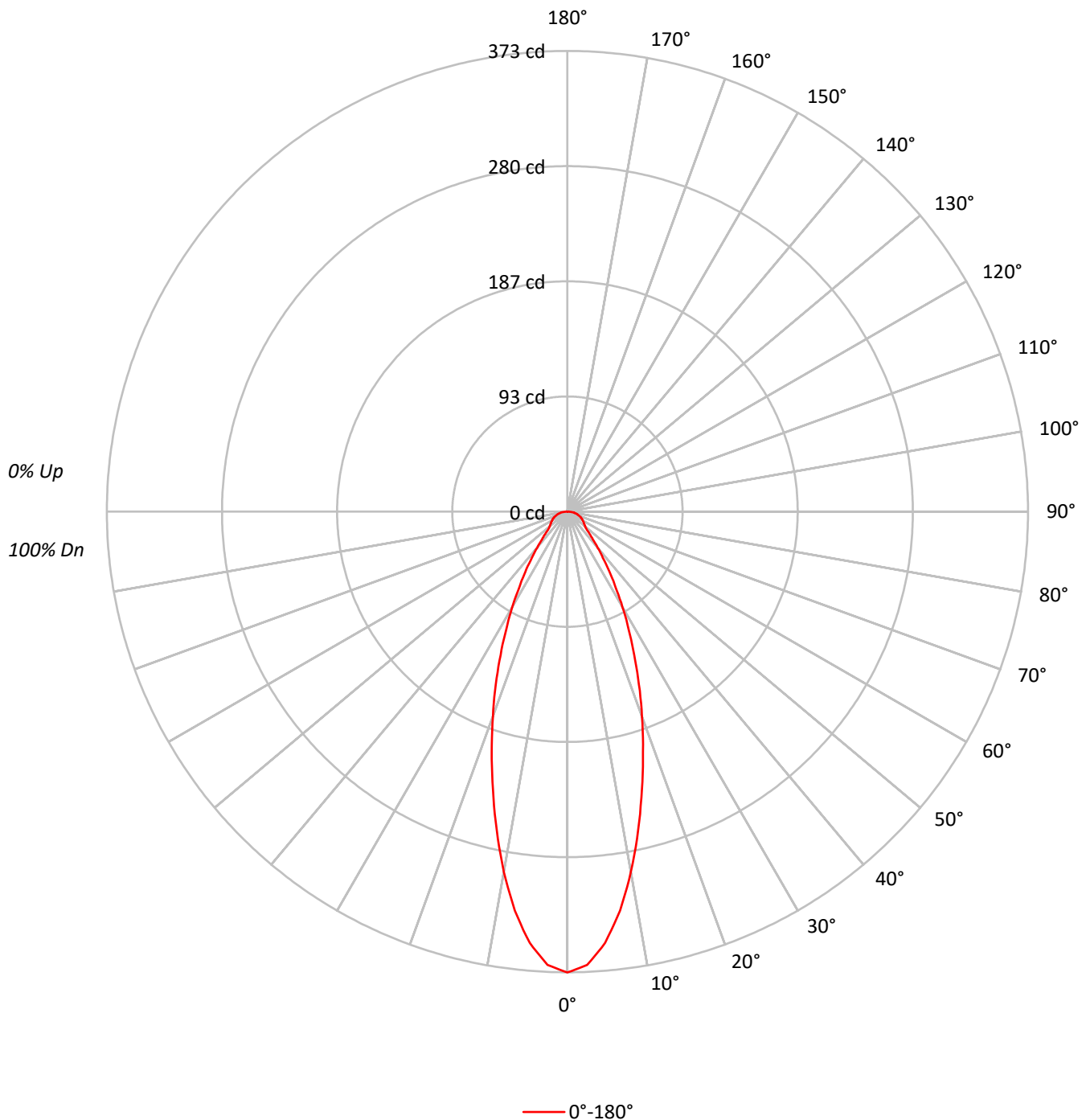
Lumens per Lamp: N/A
Luminaire Lumens: 252.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	81814
5°	77151
10°	65953
15°	52849
20°	41187
25°	30970
30°	22586
35°	15928
40°	10935
45°	7815
50°	6413
55°	6193
60°	6228
65°	6382
70°	6604
75°	7117
80°	7324
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8736 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	12.6
10°-20°	64.7	25.7
20°-30°	58.9	23.4
30°-40°	37.5	14.9
40°-50°	20.1	8.0
50°-60°	14.7	5.8
60°-70°	12.3	4.9
70°-80°	8.6	3.4
80°-90°	3.4	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°	155.3	61.6
0°-40°	192.8	76.5
0°-60°	227.6	90.3
0°-90°	252.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	373	
5°	350	32
15°	233	65
25°	128	59
35°	60	38
45°	25	20
55°	16	15
65°	12	12
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	373.1
2.5°	367.3
5°	350.5
7.5°	325.9
10°	296.2
12.5°	264.5
15°	232.8
17.5°	203.7
20°	176.5
22.5°	151.3
25°	128.0
27.5°	107.3
30°	89.2
32.5°	72.4
35°	59.5
37.5°	47.2
40°	38.2
42.5°	30.4
45°	25.2
47.5°	20.7
50°	18.8
52.5°	17.5
55°	16.2
57.5°	15.5
60°	14.2
62.5°	13.6
65°	12.3
67.5°	11.6
70°	10.3
72.5°	9.1
75°	8.4
77.5°	7.1
80°	5.8
82.5°	5.2
85°	3.2
87.5°	1.3
90°	0.0

(END OF REPORT)