

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: P1271278

Luminaire Tested: P3AS05R309827DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271278
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: P3AS05R309827DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

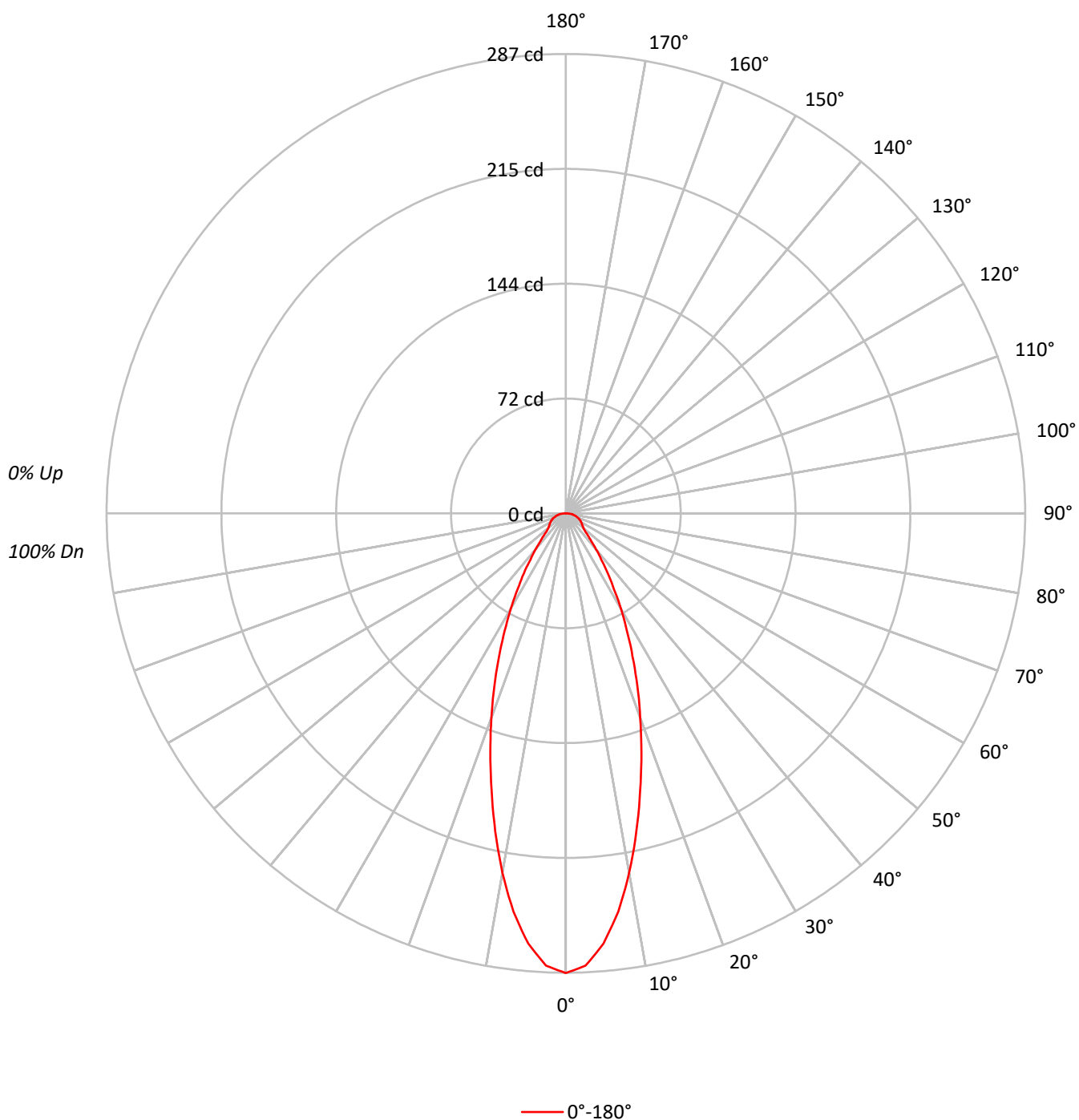
Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	102	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°	62977
5°	59388
10°	50767
15°	40681
20°	31713
25°	23856
30°	17395
35°	12260
40°	8416
45°	6016
50°	4912
55°	4741
60°	4824
65°	4929
70°	5129
75°	5507
80°	5683
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 6720 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.4	12.6
10°-20°	49.8	25.7
20°-30°	45.4	23.4
30°-40°	28.9	14.9
40°-50°	15.4	8.0
50°-60°	11.3	5.8
60°-70°	9.5	4.9
70°-80°	6.7	3.4
80°-90°	2.7	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°	119.6	61.6
0°-40°	148.5	76.5
0°-60°	175.2	90.3
0°-90°	194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	287	
5°	270	24
15°	179	50
25°	99	45
35°	46	29
45°	19	15
55°	12	11
65°	10	10
75°	6	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	287.2
2.5°	282.8
5°	269.8
7.5°	250.9
10°	228.0
12.5°	203.6
15°	179.2
17.5°	156.8
20°	135.9
22.5°	116.5
25°	98.6
27.5°	82.6
30°	68.7
32.5°	55.8
35°	45.8
37.5°	36.3
40°	29.4
42.5°	23.4
45°	19.4
47.5°	15.9
50°	14.4
52.5°	13.4
55°	12.4
57.5°	11.9
60°	11.0
62.5°	10.5
65°	9.5
67.5°	9.0
70°	8.0
72.5°	7.0
75°	6.5
77.5°	5.5
80°	4.5
82.5°	4.0
85°	2.5
87.5°	1.0
90°	0.0

(END OF REPORT)