

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: P1268985

Luminaire Tested: P3A05R209740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268985
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: P3A05R209740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

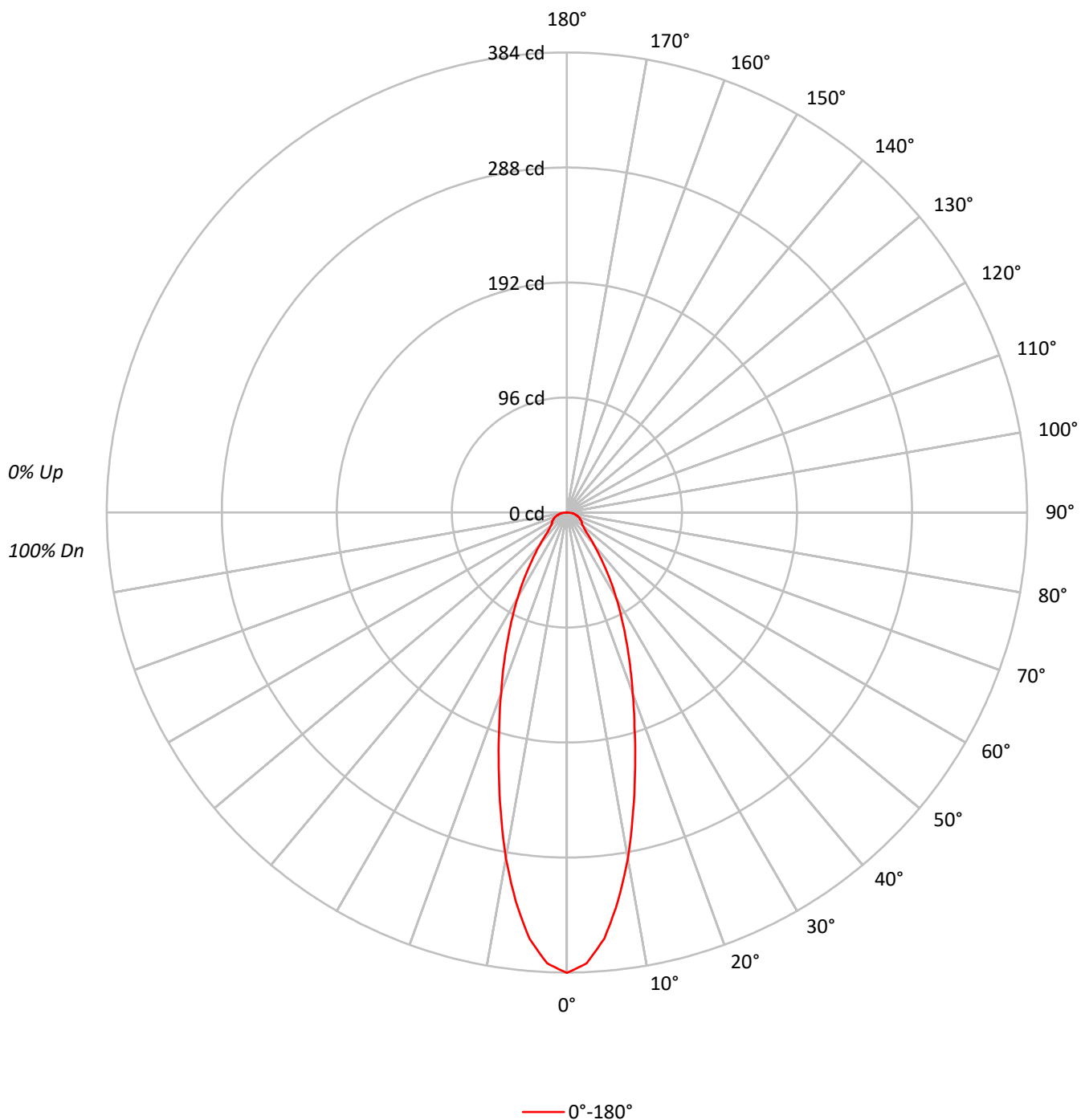
Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 32.9 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84270
5°	78604
10°	65240
15°	49875
20°	37430
25°	28187
30°	20839
35°	14562
40°	9990
45°	6915
50°	5936
55°	5849
60°	6140
65°	6174
70°	6283
75°	6524
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8232 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	13.5
10°-20°	61.1	25.8
20°-30°	53.8	22.7
30°-40°	34.7	14.6
40°-50°	18.4	7.8
50°-60°	13.8	5.8
60°-70°	11.8	5.0
70°-80°	8.3	3.5
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°	146.8	61.9
0°-40°	181.5	76.6
0°-60°	213.7	90.2
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	384	
5°	357	32
15°	220	61
25°	116	54
35°	54	35
45°	22	18
55°	15	14
65°	12	12
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	384.3
2.5°	376.7
5°	357.1
7.5°	327.1
10°	293.0
12.5°	255.3
15°	219.7
17.5°	187.6
20°	160.4
22.5°	137.4
25°	116.5
27.5°	98.4
30°	82.3
32.5°	67.7
35°	54.4
37.5°	43.9
40°	34.9
42.5°	27.9
45°	22.3
47.5°	19.5
50°	17.4
52.5°	16.0
55°	15.3
57.5°	14.6
60°	14.0
62.5°	12.6
65°	11.9
67.5°	11.2
70°	9.8
72.5°	9.1
75°	7.7
77.5°	7.0
80°	5.6
82.5°	4.9
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)