

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: P1246056

Luminaire Tested: P3A05R209024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246056
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: P3A05R209024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

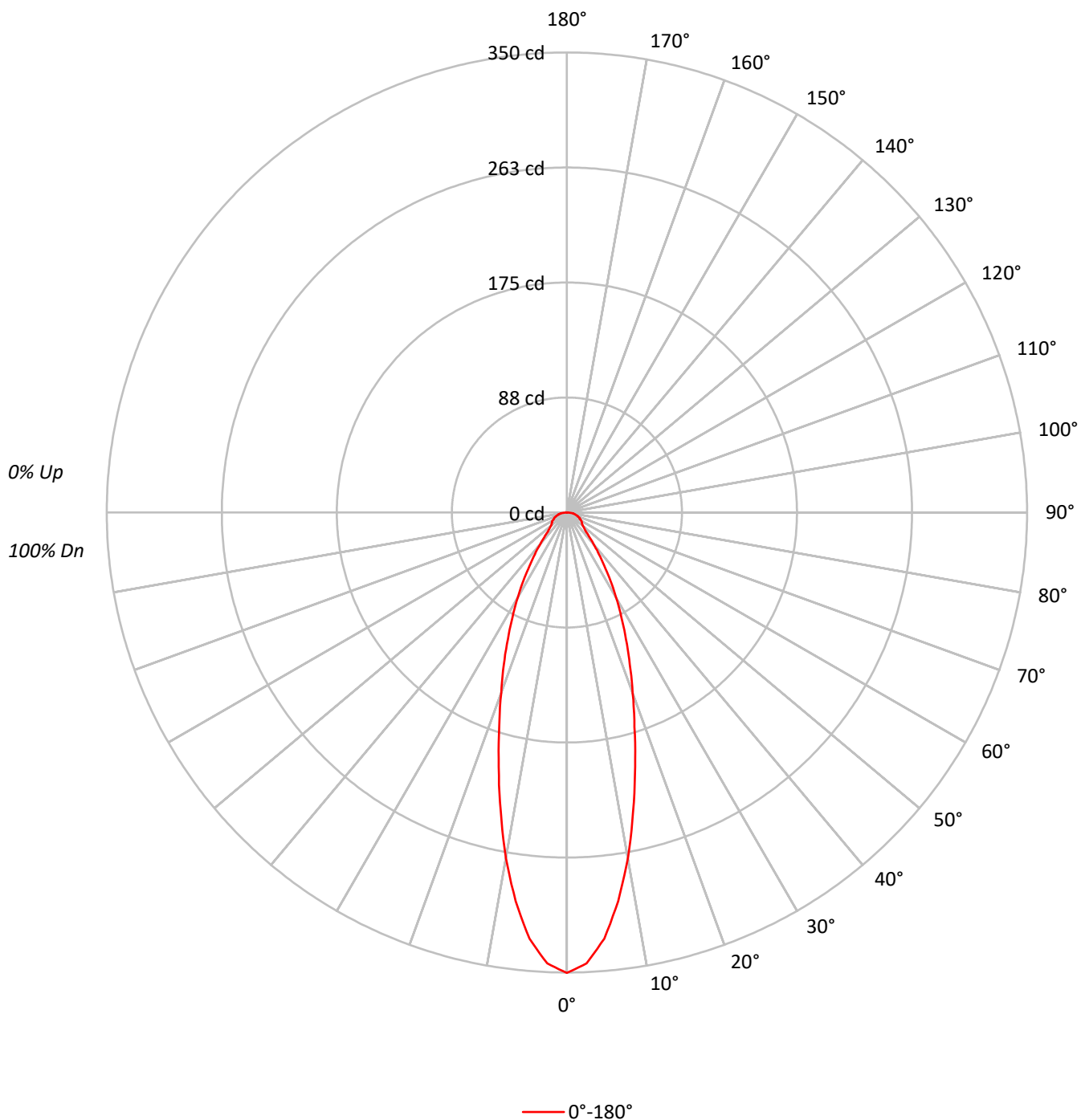
Lumens per Lamp: N/A
Luminaire Lumens: 216.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	76814
5°	71649
10°	59451
15°	45471
20°	34116
25°	25695
30°	18990
35°	13278
40°	9103
45°	6295
50°	5424
55°	5352
60°	5570
65°	5604
70°	5706
75°	5931
80°	6440
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 7560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.2	13.5
10°-20°	55.7	25.8
20°-30°	49.0	22.7
30°-40°	31.6	14.6
40°-50°	16.7	7.8
50°-60°	12.6	5.8
60°-70°	10.7	5.0
70°-80°	7.6	3.5
80°-90°	3.0	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°	133.8	61.9
0°-40°	165.5	76.6
0°-60°	194.8	90.2
0°-90°	216.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	216.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	350	
5°	326	29
15°	200	56
25°	106	49
35°	50	32
45°	20	17
55°	14	13
65°	11	11
75°	7	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	350.3
2.5°	343.3
5°	325.5
7.5°	298.2
10°	267.0
12.5°	232.7
15°	200.3
17.5°	171.0
20°	146.2
22.5°	125.2
25°	106.2
27.5°	89.6
30°	75.0
32.5°	61.7
35°	49.6
37.5°	40.1
40°	31.8
42.5°	25.4
45°	20.3
47.5°	17.8
50°	15.9
52.5°	14.6
55°	14.0
57.5°	13.4
60°	12.7
62.5°	11.4
65°	10.8
67.5°	10.2
70°	8.9
72.5°	8.3
75°	7.0
77.5°	6.4
80°	5.1
82.5°	4.5
85°	2.5
87.5°	1.3
90°	0.0

(END OF REPORT)