

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: P1245998

Luminaire Tested: P3A05R129024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245998
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

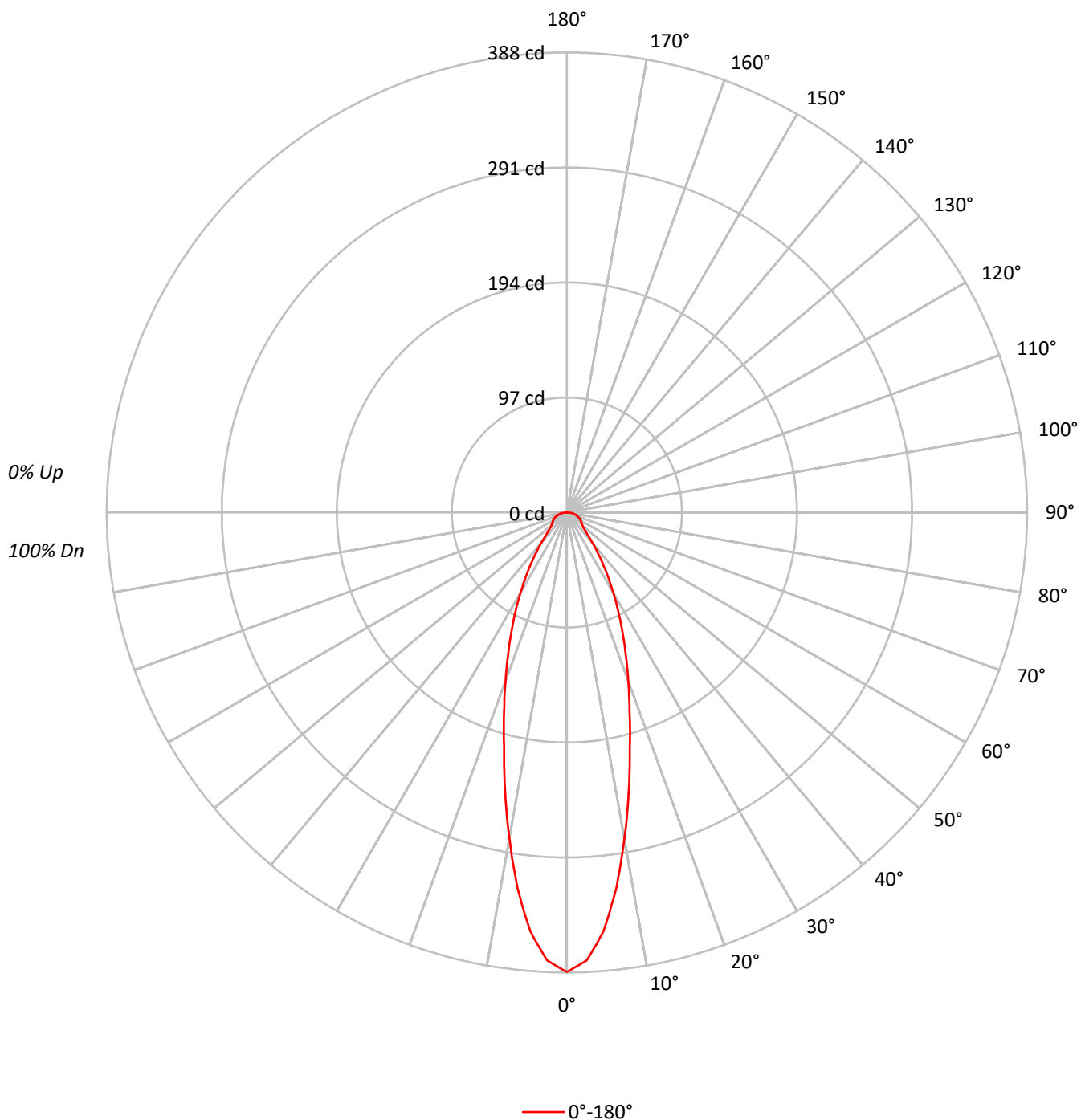
Lumens per Lamp: N/A
Luminaire Lumens: 227.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	72		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84971
5°	78010
10°	62168
15°	46447
20°	35283
25°	26711
30°	19775
35°	14107
40°	9675
45°	6760
50°	5765
55°	5658
60°	5877
65°	6226
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°	31.4	13.8
10°-20°	57.4	25.3
20°-30°	50.9	22.4
30°-40°	33.3	14.7
40°-50°	17.8	7.8
50°-60°	13.5	5.9
60°-70°	11.6	5.1
70°-80°	7.9	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°	139.6	61.5
0°-40°	172.9	76.2
0°-60°	204.2	90.0
0°-90°	227.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	227.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	388	
5°	354	31
15°	205	57
25°	110	51
35°	53	33
45°	22	18
55°	15	13
65°	12	12
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	387.5
2.5°	378.3
5°	354.4
7.5°	319.2
10°	279.2
12.5°	240.5
15°	204.6
17.5°	175.8
20°	151.2
22.5°	129.4
25°	110.4
27.5°	93.5
30°	78.1
32.5°	64.7
35°	52.7
37.5°	42.2
40°	33.8
42.5°	26.7
45°	21.8
47.5°	19.0
50°	16.9
52.5°	16.2
55°	14.8
57.5°	14.1
60°	13.4
62.5°	12.7
65°	12.0
67.5°	10.5
70°	9.8
72.5°	8.4
75°	7.7
77.5°	6.3
80°	5.6
82.5°	4.9
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)