

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: P1259117

Luminaire Tested: P3AS05R129050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259117
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: P3AS05R129050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

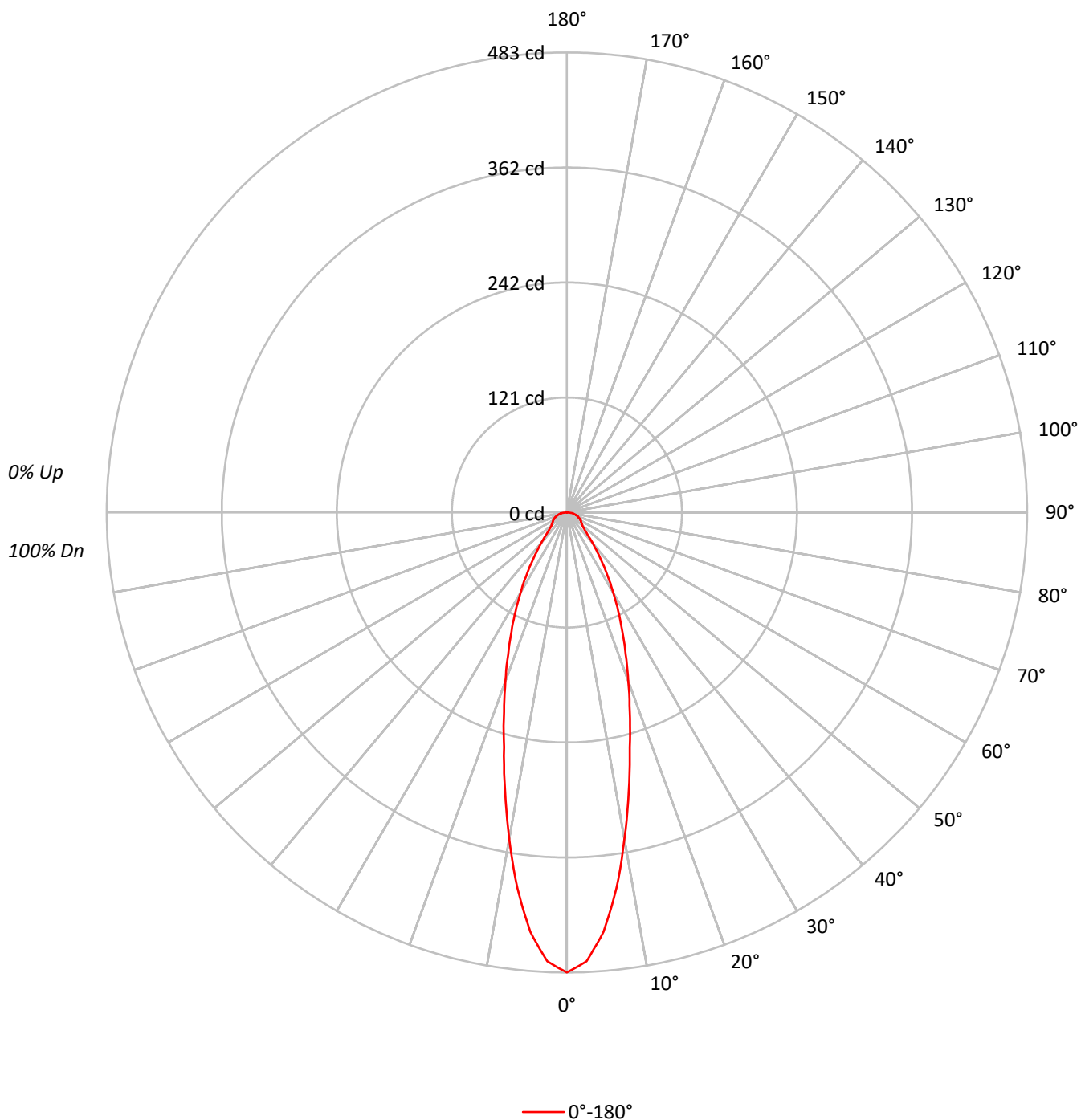
Lumens per Lamp: N/A
Luminaire Lumens: 283.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	71		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°	105913
5°	97248
10°	77487
15°	57912
20°	43987
25°	33292
30°	24637
35°	17587
40°	12051
45°	8435
50°	7164
55°	7034
60°	7324
65°	7731
70°	7886
75°	8133
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10248 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	13.8
10°-20°	71.6	25.3
20°-30°	63.4	22.4
30°-40°	41.5	14.7
40°-50°	22.2	7.8
50°-60°	16.8	5.9
60°-70°	14.4	5.1
70°-80°	9.9	3.5
80°-90°	4.1	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°	174.1	61.5
0°-40°	215.6	76.2
0°-60°	254.6	90.0
0°-90°	283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	483	
5°	442	39
15°	255	72
25°	138	63
35°	66	42
45°	27	22
55°	18	17
65°	15	14
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	483.0
2.5°	471.6
5°	441.8
7.5°	398.0
10°	348.0
12.5°	299.8
15°	255.1
17.5°	219.2
20°	188.5
22.5°	161.3
25°	137.6
27.5°	116.6
30°	97.3
32.5°	80.7
35°	65.7
37.5°	52.6
40°	42.1
42.5°	33.3
45°	27.2
47.5°	23.7
50°	21.0
52.5°	20.2
55°	18.4
57.5°	17.5
60°	16.7
62.5°	15.8
65°	14.9
67.5°	13.1
70°	12.3
72.5°	10.5
75°	9.6
77.5°	7.9
80°	7.0
82.5°	6.1
85°	3.5
87.5°	1.8
90°	0.0

(END OF REPORT)