

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: P1289051

Luminaire Tested: P3A05R30W2N902765DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289051
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902765DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

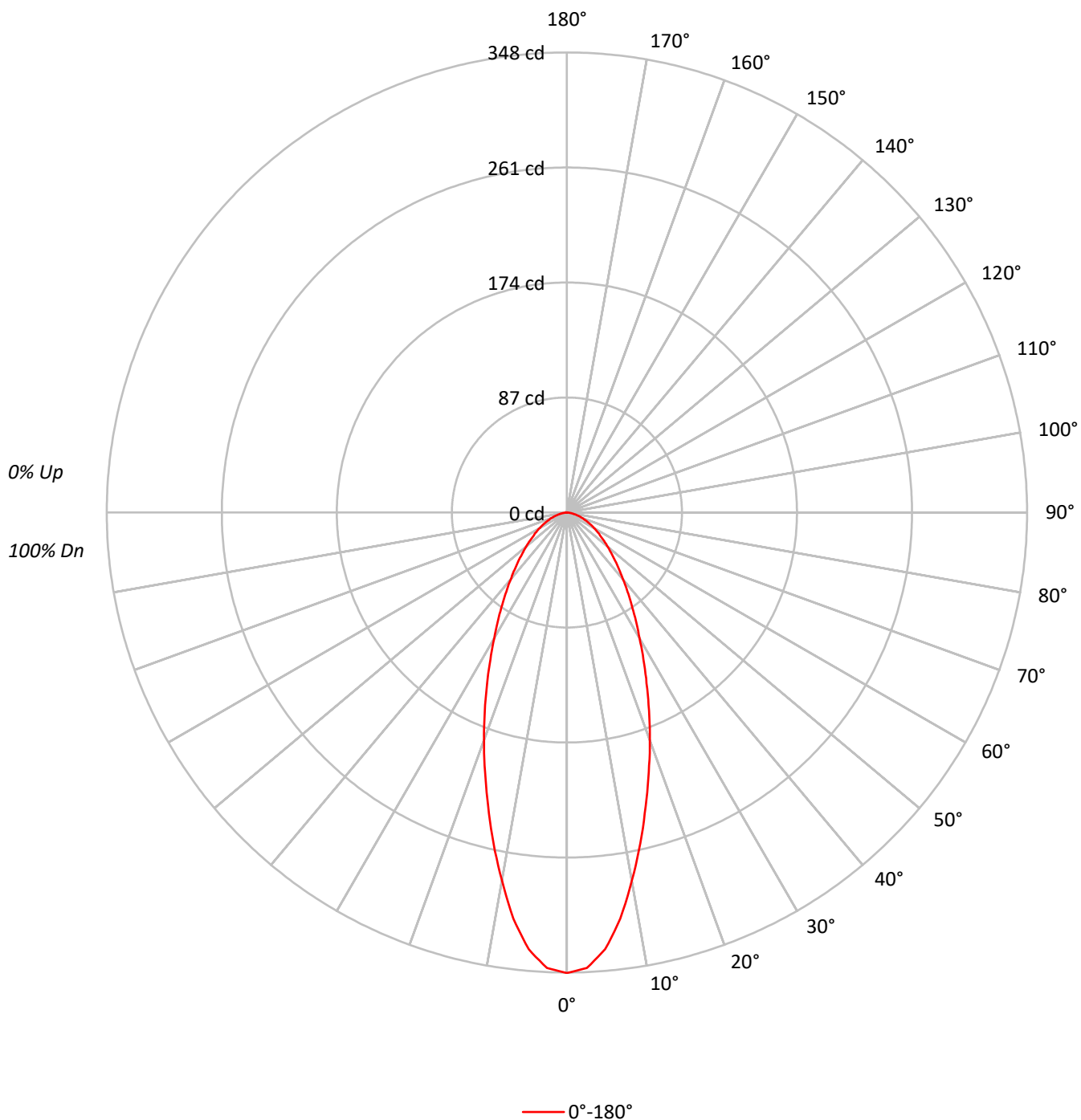
Lumens per Lamp: N/A
Luminaire Lumens: 309.9 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10		0			
RCR																										
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102		100			
1	112	108	105	102		109	106	103	100		102	99	97		98	96	94		94	93	91		90			
2	104	98	93	88		102	96	91	87		93	89	85		90	86	83		87	84	82		80			
3	97	89	83	78		95	88	82	77		85	80	76		82	78	75		80	76	73		71			
4	91	82	75	69		89	80	74	69		78	72	68		76	71	67		74	70	66		65			
5	85	75	68	63		84	74	67	62		72	66	62		70	65	61		69	64	61		59			
6	80	69	62	57		79	69	62	57		67	61	56		65	60	56		64	59	56		54			
7	76	65	57	52		74	64	57	52		62	56	52		61	56	52		60	55	51		50			
8	72	60	53	48		70	60	53	48		59	52	48		57	52	48		56	51	48		46			
9	68	57	50	45		67	56	49	45		55	49	45		54	49	45		53	48	44		43			
10	64	53	47	42		63	53	46	42		52	46	42		51	46	42		50	45	42		40			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76397
5°	73013
10°	62969
15°	52191
20°	42797
25°	34502
30°	27802
35°	22781
40°	18921
45°	16033
50°	13714
55°	11851
60°	10569
65°	9236
70°	8078
75°	6778
80°	5051
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16033 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.1	9.7
10°-20°	64.1	20.7
20°-30°	65.7	21.2
30°-40°	53.7	17.3
40°-50°	40.2	13.0
50°-60°	28.2	9.1
60°-70°	17.7	5.7
70°-80°	8.5	2.7
80°-90°	1.6	0.5
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°	159.9	51.6
0°-40°	213.6	68.9
0°-60°	282.0	91.0
0°-90°	309.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	309.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	348	
5°	332	30
15°	230	64
25°	143	66
35°	85	54
45°	52	40
55°	31	28
65°	18	18
75°	8	9
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	348.4
2.5°	344.9
5°	331.7
7.5°	309.8
10°	282.8
12.5°	256.4
15°	229.9
17.5°	205.8
20°	183.4
22.5°	162.1
25°	142.6
27.5°	125.3
30°	109.8
32.5°	97.1
35°	85.1
37.5°	75.3
40°	66.1
42.5°	58.6
45°	51.7
47.5°	45.4
50°	40.2
52.5°	35.6
55°	31.0
57.5°	27.6
60°	24.1
62.5°	20.7
65°	17.8
67.5°	14.9
70°	12.6
72.5°	10.3
75°	8.0
77.5°	5.7
80°	4.0
82.5°	2.3
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)