

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: P1288506

Luminaire Tested: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

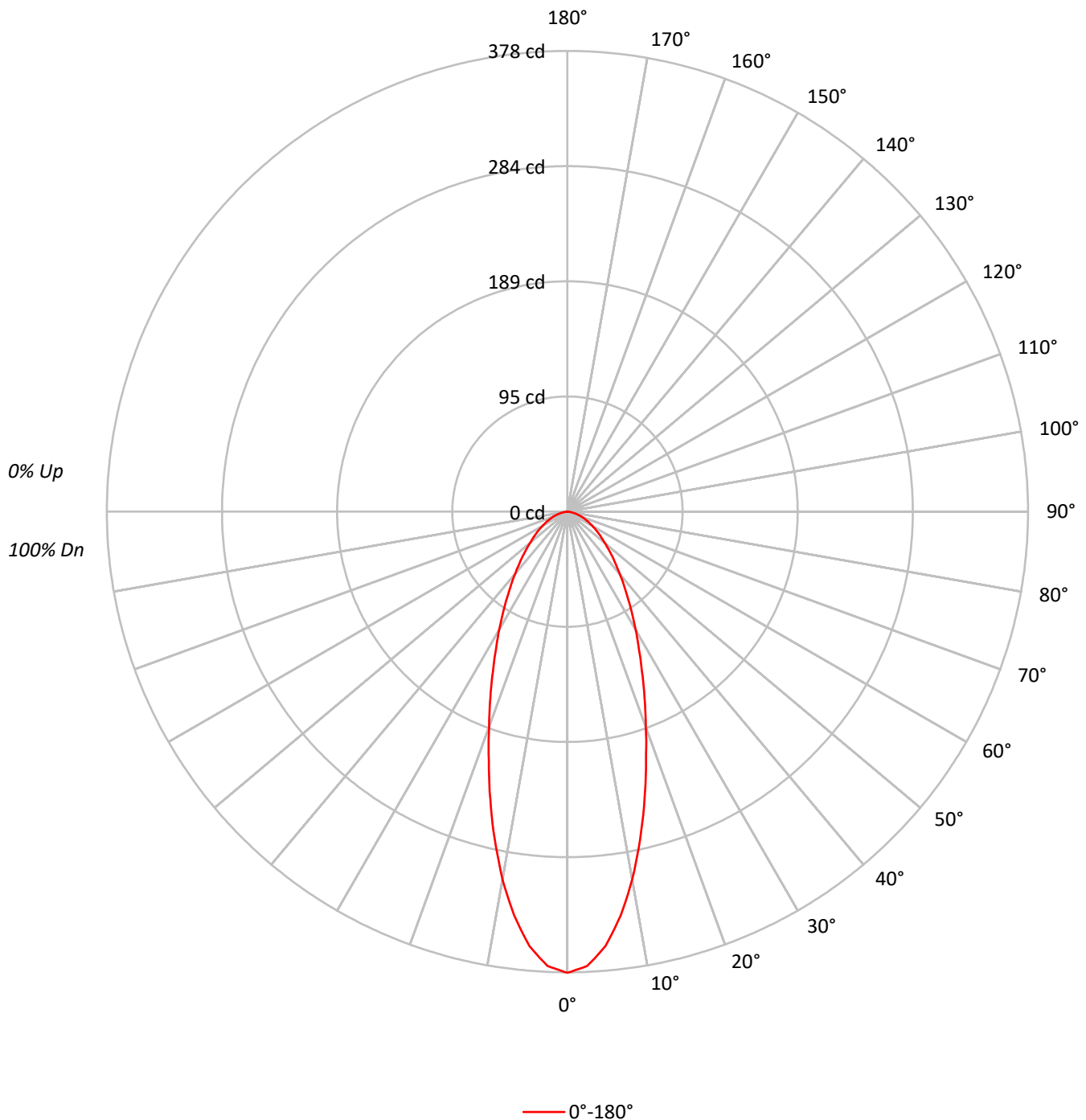
Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1288506

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1288506

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K

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		95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82976
5°	78758
10°	68224
15°	55528
20°	43894
25°	34986
30°	28359
35°	23102
40°	19150
45°	16126
50°	13646
55°	12004
60°	10525
65°	9184
70°	8078
75°	6778
80°	5051
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 16126 cd/sqm

TEST NUMBER: P1288506

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	10.2
10°-20°	67.8	21.3
20°-30°	66.9	21.0
30°-40°	54.4	17.1
40°-50°	40.4	12.7
50°-60°	28.2	8.9
60°-70°	17.7	5.6
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°	167.2	52.6
0°-40°	221.6	69.7
0°-60°	290.2	91.3
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	378	
5°	358	32
15°	245	68
25°	145	67
35°	86	54
45°	52	40
55°	31	28
65°	18	18
75°	8	9
85°	1	2
90°	0	

TEST NUMBER: P1288506

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	378.4
2.5°	373.2
5°	357.8
7.5°	334.4
10°	306.4
12.5°	275.5
15°	244.6
17.5°	214.3
20°	188.1
22.5°	165.2
25°	144.6
27.5°	126.9
30°	112.0
32.5°	98.3
35°	86.3
37.5°	76.0
40°	66.9
42.5°	58.9
45°	52.0
47.5°	45.7
50°	40.0
52.5°	35.4
55°	31.4
57.5°	27.4
60°	24.0
62.5°	20.6
65°	17.7
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)