

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: P1288507

Luminaire Tested: P3A05R25W2N902750DE010 E3PHLD1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288507
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: P3A05R25W2N902750DE010 E3PHLD1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

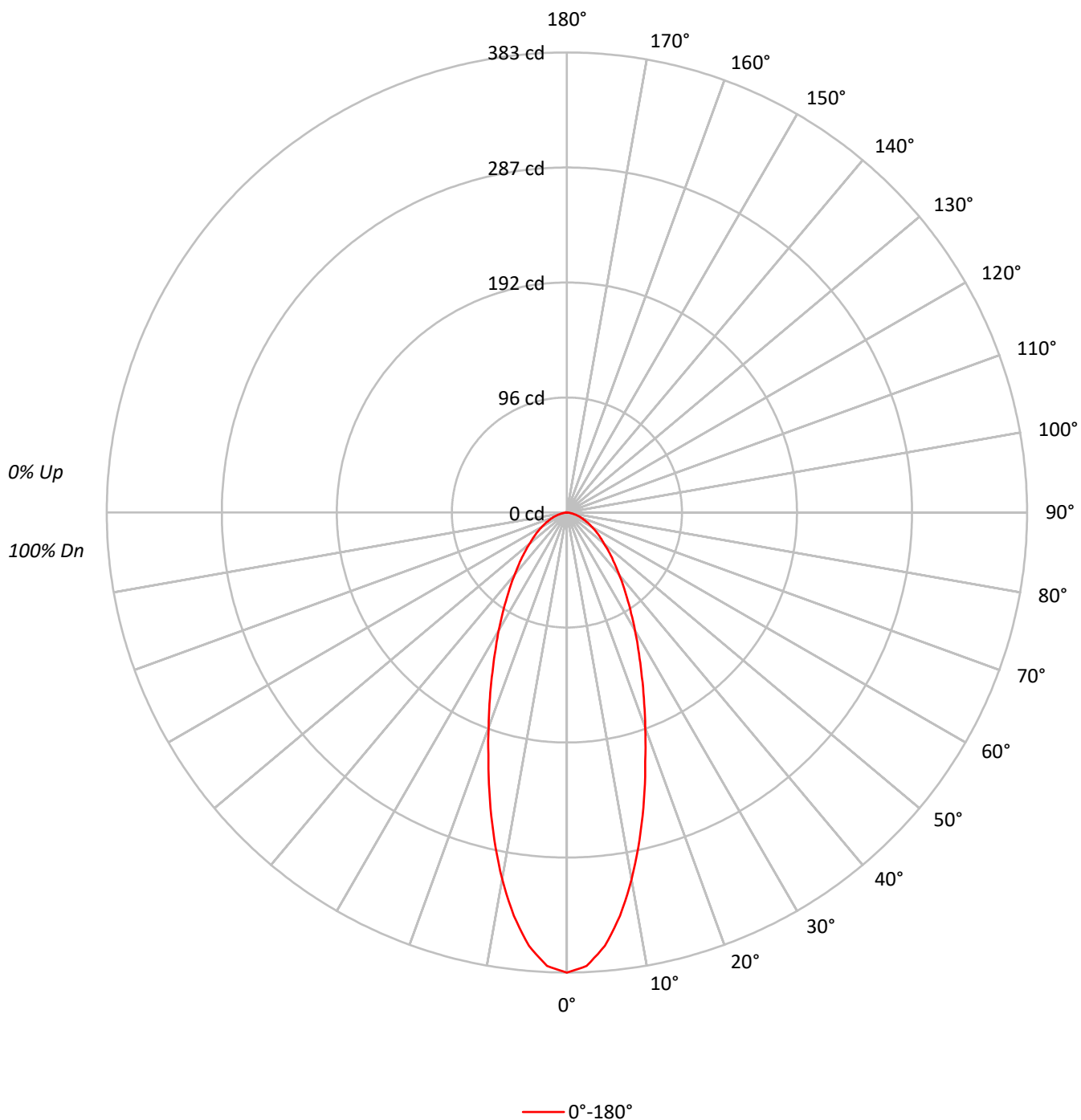
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 54.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288507

CATALOG NUMBER: P3A05R25W2N902750DE010 E3PHLD1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1288507

CATALOG NUMBER: P3A05R25W2N902750DE010 E3PHLD1MW_3500K

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°	84006
5°	79749
10°	69070
15°	56232
20°	44431
25°	35421
30°	28713
35°	23396
40°	19379
45°	16343
50°	13816
55°	12157
60°	10657
65°	9288
70°	8142
75°	6863
80°	5177
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16343 cd/sqm

TEST NUMBER: P1288507

CATALOG NUMBER: P3A05R25W2N902750DE010 E3PHLD1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	10.2
10°-20°	68.7	21.3
20°-30°	67.7	21.0
30°-40°	55.1	17.1
40°-50°	40.9	12.7
50°-60°	28.5	8.9
60°-70°	17.8	5.5
70°-80°	8.6	2.7
80°-90°	1.7	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°	169.3	52.6
0°-40°	224.4	69.7
0°-60°	293.8	91.3
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	383	
5°	362	33
15°	248	69
25°	146	68
35°	87	55
45°	53	41
55°	32	29
65°	18	18
75°	8	9
85°	1	2
90°	0	

TEST NUMBER: P1288507

CATALOG NUMBER: P3A05R25W2N902750DE010 E3PHLD1MW_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	383.1
2.5°	377.9
5°	362.3
7.5°	338.6
10°	310.2
12.5°	279.0
15°	247.7
17.5°	217.0
20°	190.4
22.5°	167.3
25°	146.4
27.5°	128.5
30°	113.4
32.5°	99.5
35°	87.4
37.5°	77.0
40°	67.7
42.5°	59.6
45°	52.7
47.5°	46.3
50°	40.5
52.5°	35.9
55°	31.8
57.5°	27.8
60°	24.3
62.5°	20.8
65°	17.9
67.5°	15.0
70°	12.7
72.5°	10.4
75°	8.1
77.5°	5.8
80°	4.1
82.5°	2.3
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)