

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: P1288699

Luminaire Tested: P3A05R25W2N902765DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288699
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: P3A05R25W2N902765DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

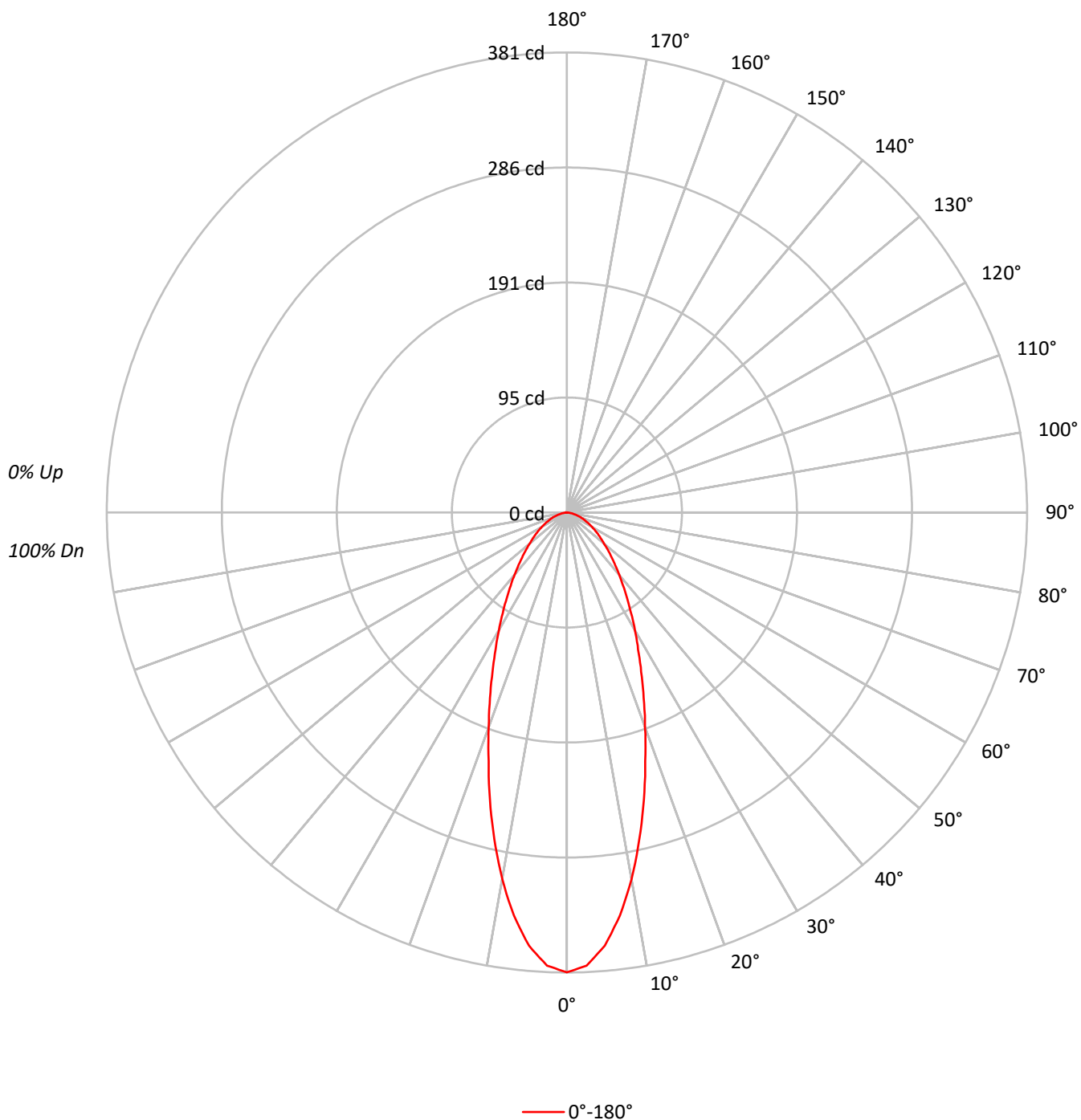
Lumens per Lamp: N/A
Luminaire Lumens: 320.1 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288699

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PHLD1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288699

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PHLD1MW_5000K

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	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°	83502
5°	79265
10°	68647
15°	55891
20°	44151
25°	35204
30°	28536
35°	23262
40°	19265
45°	16219
50°	13748
55°	12081
60°	10613
65°	9236
70°	8142
75°	6863
80°	5051
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16219 cd/sqm

TEST NUMBER: P1288699

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PHLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	10.2
10°-20°	68.3	21.3
20°-30°	67.3	21.0
30°-40°	54.8	17.1
40°-50°	40.6	12.7
50°-60°	28.4	8.9
60°-70°	17.8	5.6
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°	168.2	52.6
0°-40°	223.0	69.7
0°-60°	292.0	91.2
0°-90°	320.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	320.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	381	
5°	360	33
15°	246	68
25°	146	67
35°	87	55
45°	52	41
55°	32	28
65°	18	18
75°	8	9
85°	1	2
90°	0	

TEST NUMBER: P1288699

CATALOG NUMBER: P3A05R25W2N902765DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	380.8
2.5°	375.6
5°	360.1
7.5°	336.5
10°	308.3
12.5°	277.2
15°	246.2
17.5°	215.7
20°	189.2
22.5°	166.2
25°	145.5
27.5°	127.7
30°	112.7
32.5°	98.9
35°	86.9
37.5°	76.5
40°	67.3
42.5°	59.2
45°	52.3
47.5°	46.0
50°	40.3
52.5°	35.7
55°	31.6
57.5°	27.6
60°	24.2
62.5°	20.7
65°	17.8
67.5°	15.0
70°	12.7
72.5°	10.4
75°	8.1
77.5°	5.8
80°	4.0
82.5°	2.3
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)