

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: P1288470

Luminaire Tested: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288470
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

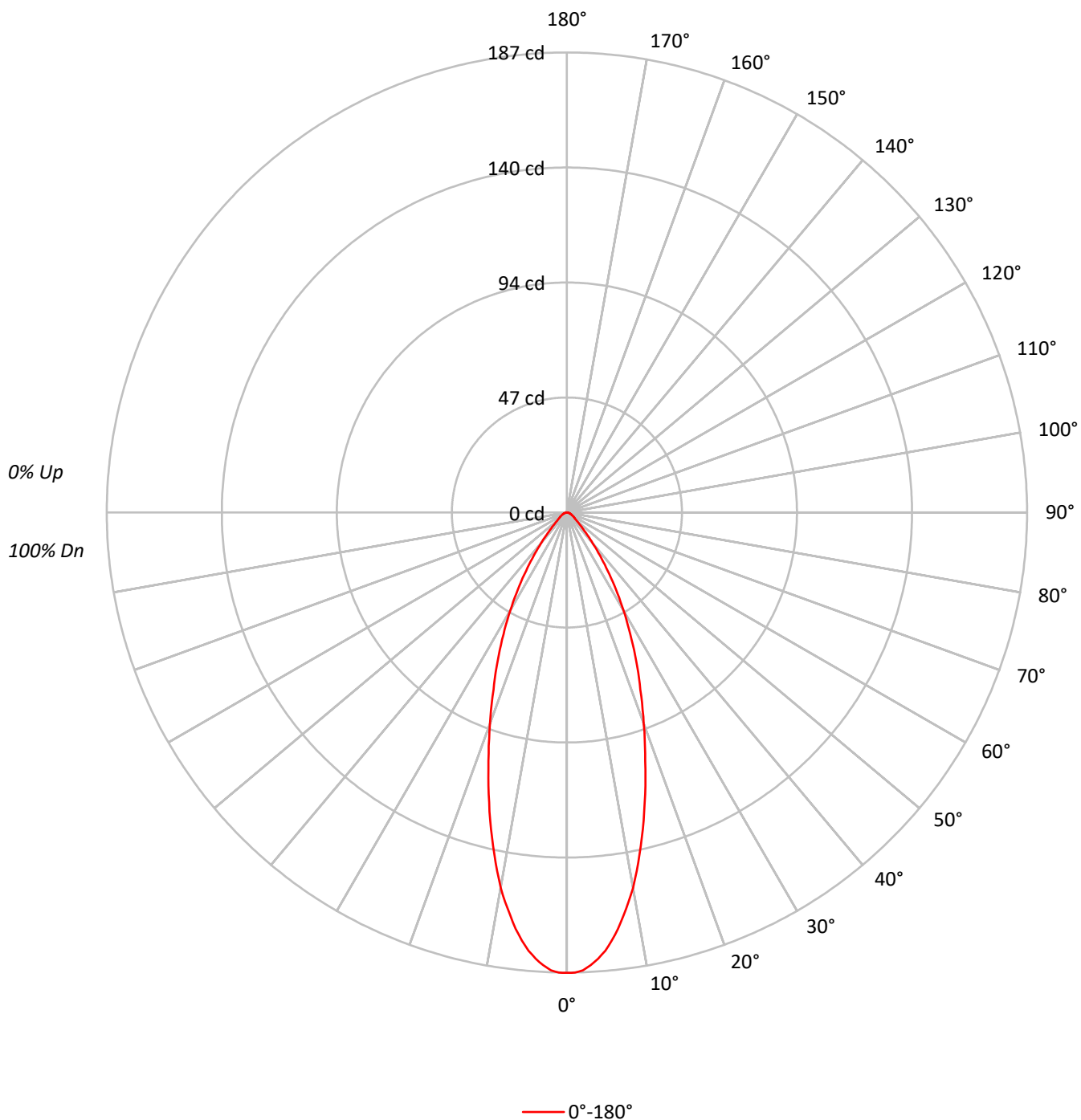
Lumens per Lamp: N/A
Luminaire Lumens: 113.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288470

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1288470

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41027
5°	39357
10°	34491
15°	27719
20°	21305
25°	16114
30°	11647
35°	7736
40°	4695
45°	2729
50°	1740
55°	1415
60°	1228
65°	1090
70°	898
75°	932
80°	631
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2729 cd/sqm

TEST NUMBER: P1288470

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	14.4
10°-20°	33.8	29.9
20°-30°	30.5	27.0
30°-40°	18.3	16.2
40°-50°	7.3	6.4
50°-60°	3.4	3.0
60°-70°	2.1	1.8
70°-80°	1.1	1.0
80°-90°	0.3	0.3
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°	80.6	71.3
0°-40°	98.9	87.5
0°-60°	109.6	96.9
0°-90°	113.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	113.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	187	
5°	179	16
15°	122	34
25°	67	31
35°	29	18
45°	9	7
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1288470

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	187.1
1°	187.1
2°	186.2
3°	184.3
4°	181.8
5°	178.8
6°	174.9
7°	170.5
8°	165.4
9°	160.3
10°	154.9
11°	148.5
12°	142.0
13°	135.5
14°	129.0
15°	122.1
17.5°	105.9
20°	91.3
22.5°	78.0
25°	66.6
27.5°	55.8
30°	46.0
32.5°	37.0
35°	28.9
37.5°	22.0
40°	16.4
42.5°	12.0
45°	8.8
47.5°	6.7
50°	5.1
52.5°	4.2
55°	3.7
57.5°	3.2
60°	2.8
62.5°	2.3
65°	2.1
67.5°	1.8
70°	1.4
72.5°	1.2
75°	1.1
77.5°	0.9
80°	0.5
82.5°	0.4
85°	0.4
87.5°	0.2



TEST NUMBER: P1288470

CATALOG NUMBER: P3AS05R25W2N902750DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)