

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: P1288449

Luminaire Tested: P3A05R25W2N902750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902750DE010 E3DLD1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

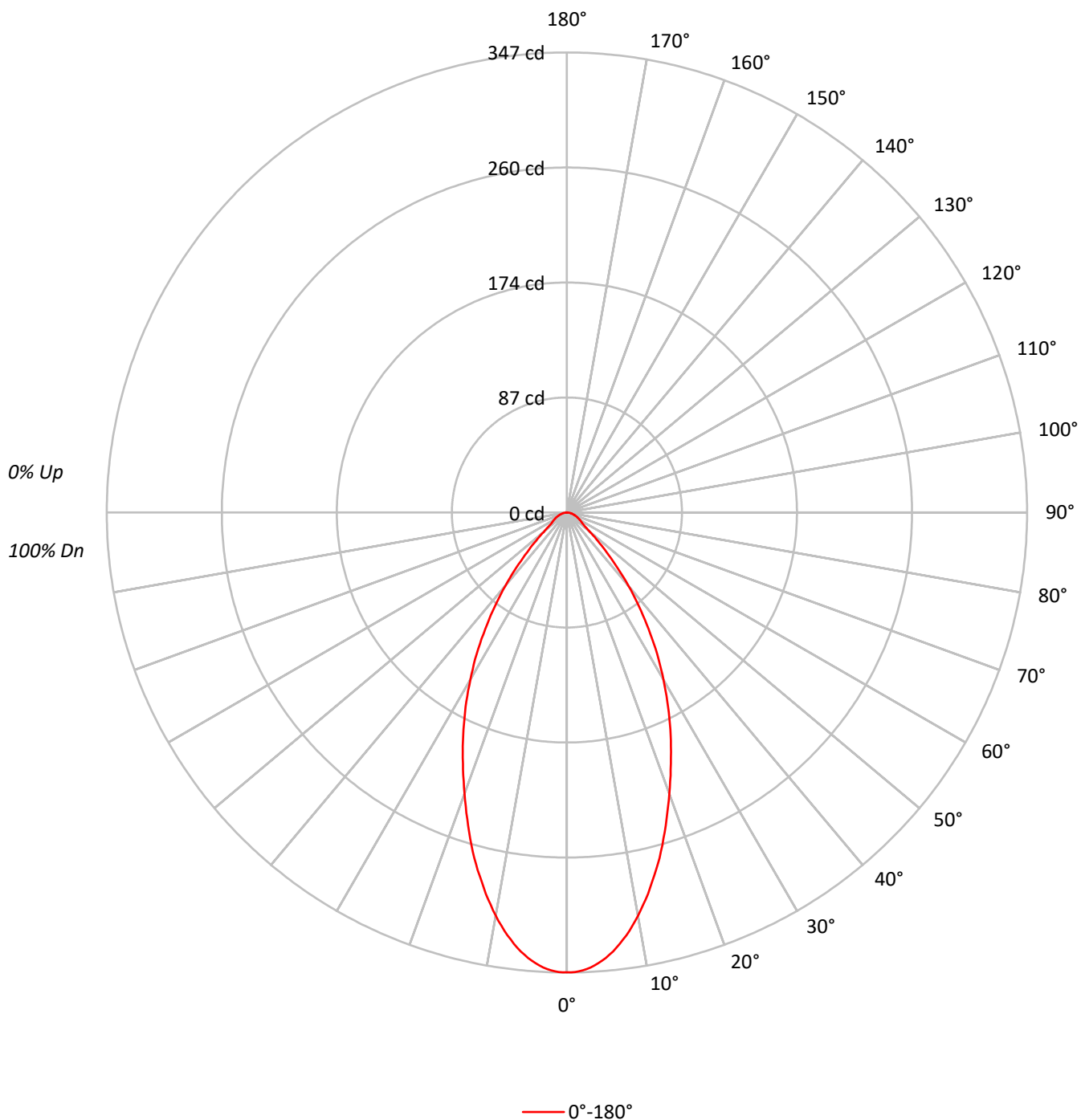
Lumens per Lamp: N/A
Luminaire Lumens: 320.1 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288449

CATALOG NUMBER: P3A05R25W2N902750DE010 E3DLD1H_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288449

CATALOG NUMBER: P3A05R25W2N902750DE010 E3DLD1H_5000K

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76047
5°	74246
10°	68803
15°	61272
20°	52645
25°	44761
30°	36841
35°	28697
40°	20667
45°	13118
50°	7744
55°	5352
60°	4912
65°	4566
70°	4103
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13118 cd/sqm

TEST NUMBER: P1288449

CATALOG NUMBER: P3A05R25W2N902750DE010 E3DLD1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.3	9.8
10°-20°	74.9	23.4
20°-30°	84.6	26.4
30°-40°	67.0	20.9
40°-50°	33.8	10.6
50°-60°	13.6	4.2
60°-70°	8.7	2.7
70°-80°	4.8	1.5
80°-90°	1.4	0.4
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°	190.9	59.6
0°-40°	257.8	80.5
0°-60°	305.2	95.4
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°	347	
5°	337	31
15°	270	75
25°	185	85
35°	107	67
45°	42	34
55°	14	14
65°	9	9
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1288449

CATALOG NUMBER: P3A05R25W2N902750DE010 E3DLD1H_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	346.8
1°	346.8
2°	345.6
3°	343.6
4°	340.8
5°	337.3
6°	332.9
7°	327.7
8°	322.1
9°	315.7
10°	309.0
11°	301.4
12°	294.2
13°	285.8
14°	277.9
15°	269.9
17.5°	247.6
20°	225.6
22.5°	204.9
25°	185.0
27.5°	165.4
30°	145.5
32.5°	126.8
35°	107.2
37.5°	89.3
40°	72.2
42.5°	56.2
45°	42.3
47.5°	31.5
50°	22.7
52.5°	17.1
55°	14.0
57.5°	12.8
60°	11.2
62.5°	10.0
65°	8.8
67.5°	7.6
70°	6.4
72.5°	5.6
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4



TEST NUMBER: P1288449

CATALOG NUMBER: P3A05R25W2N902750DE010 E3DLD1H_5000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)