

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: P1289130

Luminaire Tested: P3A05R35W2N902750DE010 E3DLD1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289130
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R35W2N902750DE010 E3DLD1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

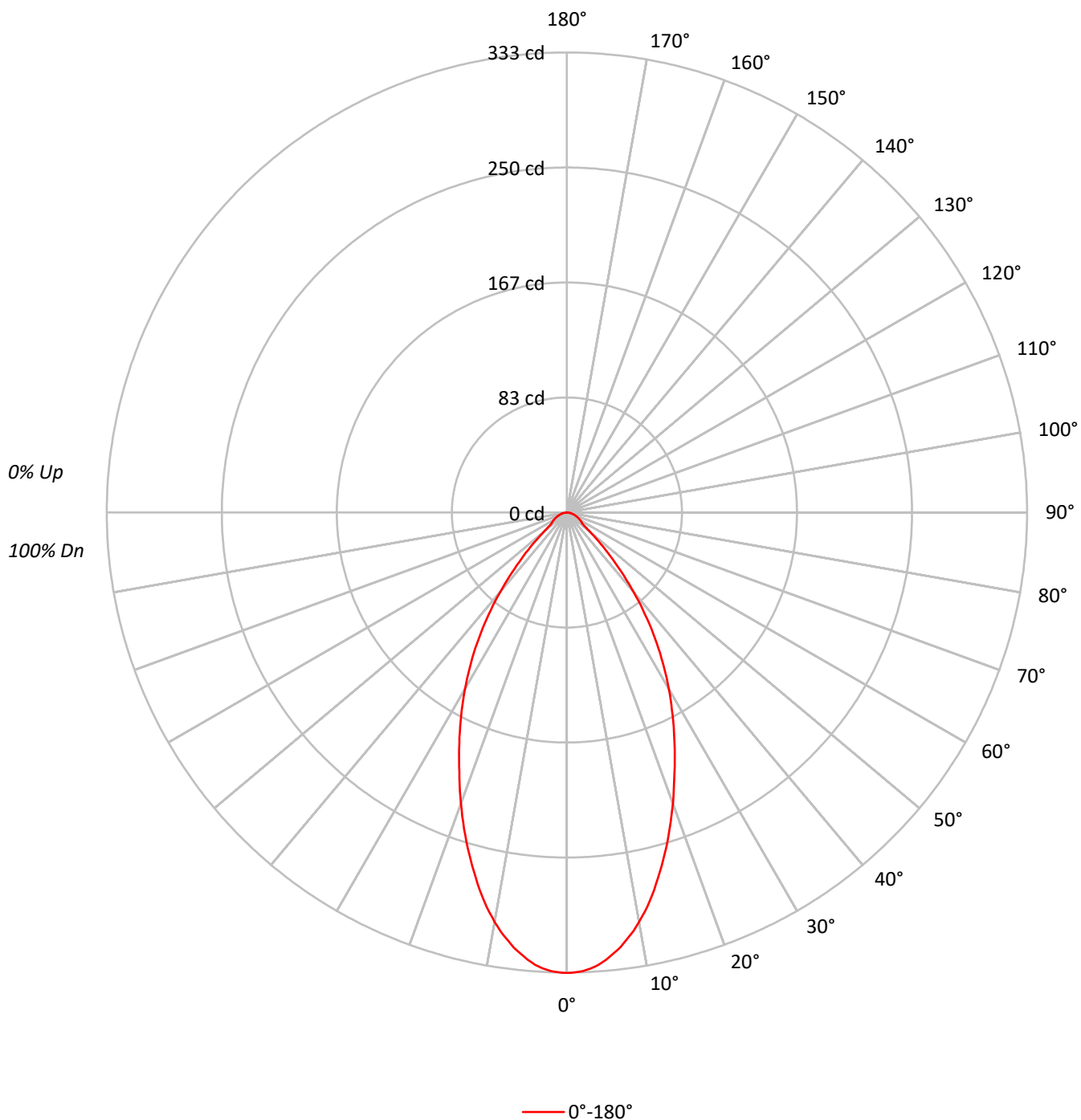
Lumens per Lamp: N/A
Luminaire Lumens: 320.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1289130

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLD1H_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1289130

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLD1H_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	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73108
5°	71538
10°	66999
15°	60137
20°	52318
25°	44591
30°	37348
35°	29741
40°	21497
45°	13614
50°	7403
55°	5123
60°	4868
65°	4514
70°	4296
75°	3643
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13614 cd/sqm

TEST NUMBER: P1289130

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLD1H_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	9.5
10°-20°	73.7	23.0
20°-30°	84.5	26.4
30°-40°	68.9	21.5
40°-50°	34.7	10.9
50°-60°	12.9	4.0
60°-70°	8.7	2.7
70°-80°	4.8	1.5
80°-90°	1.5	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°	188.5	58.9
0°-40°	257.4	80.4
0°-60°	305.1	95.3
0°-90°	320.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	320.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	333	
5°	325	30
15°	265	74
25°	184	85
35°	111	69
45°	44	35
55°	13	13
65°	9	9
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1289130

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLD1H_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	333.4
1°	333.0
2°	332.2
3°	330.6
4°	328.2
5°	325.0
6°	321.1
7°	317.1
8°	312.0
9°	306.9
10°	300.9
11°	294.6
12°	287.9
13°	280.4
14°	272.5
15°	264.9
17.5°	244.8
20°	224.2
22.5°	203.3
25°	184.3
27.5°	165.7
30°	147.5
32.5°	129.3
35°	111.1
37.5°	92.9
40°	75.1
42.5°	58.5
45°	43.9
47.5°	31.6
50°	21.7
52.5°	15.8
55°	13.4
57.5°	12.3
60°	11.1
62.5°	9.9
65°	8.7
67.5°	7.5
70°	6.7
72.5°	5.5
75°	4.3
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.8



TEST NUMBER: P1289130

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DLD1H_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)