

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: P1296755

Luminaire Tested: P3A13R35W2N902750DE010 E3DLP1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296755
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902750DE010 E3DLP1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

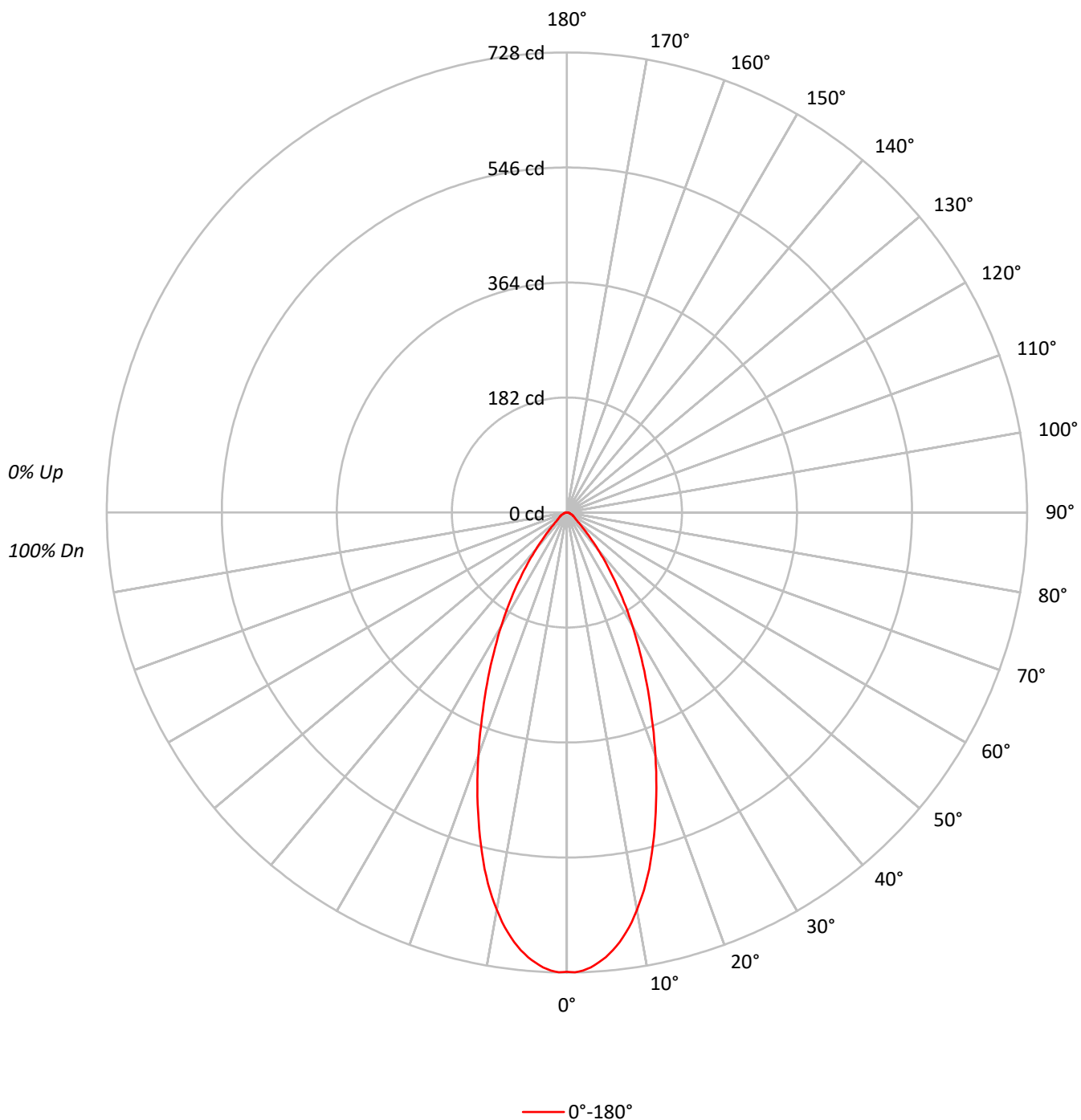
Lumens per Lamp: N/A
Luminaire Lumens: 496.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1296755

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296755

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1LI_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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159417
5°	155492
10°	142171
15°	120659
20°	95512
25°	72246
30°	52590
35°	35576
40°	21870
45°	12559
50°	7539
55°	6117
60°	5350
65°	4774
70°	3911
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12559 cd/sqm

TEST NUMBER: P1296755

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	13.2
10°-20°	146.5	29.5
20°-30°	137.1	27.6
30°-40°	83.9	16.9
40°-50°	33.1	6.7
50°-60°	14.5	2.9
60°-70°	9.1	1.8
70°-80°	4.8	1.0
80°-90°	1.7	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°	348.9	70.3
0°-40°	432.8	87.3
0°-60°	480.4	96.9
0°-90°	496.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	496.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	727	
5°	706	65
15°	532	147
25°	299	137
35°	133	84
45°	40	33
55°	16	15
65°	9	9
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1296755

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	727.0
1°	727.8
2°	725.5
3°	720.9
4°	714.1
5°	706.4
6°	696.5
7°	685.0
8°	671.3
9°	656.0
10°	638.5
11°	620.1
12°	600.3
13°	578.9
14°	555.2
15°	531.5
17.5°	470.4
20°	409.3
22.5°	350.5
25°	298.6
27.5°	250.5
30°	207.7
32.5°	168.0
35°	132.9
37.5°	101.6
40°	76.4
42.5°	55.0
45°	40.5
47.5°	29.0
50°	22.1
52.5°	18.3
55°	16.0
57.5°	13.7
60°	12.2
62.5°	10.7
65°	9.2
67.5°	7.6
70°	6.1
72.5°	5.3
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8



TEST NUMBER: P1296755

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1LI_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)