

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: P1296745

Luminaire Tested: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296745
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 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

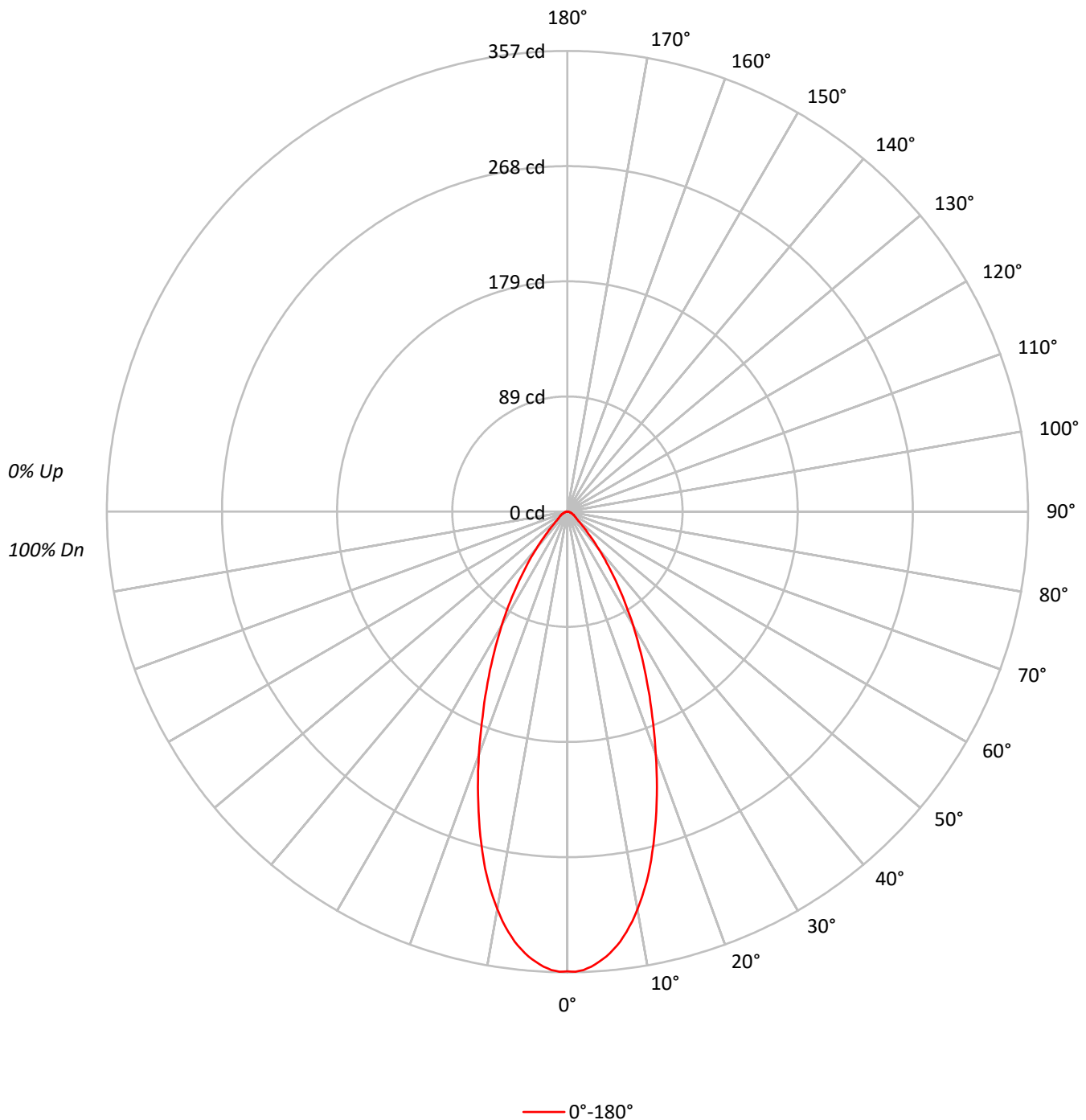
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 19.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296745

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296745

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78108
5°	76183
10°	69649
15°	59115
20°	46787
25°	35397
30°	25776
35°	17427
40°	10706
45°	6140
50°	3718
55°	3020
60°	2631
65°	2335
70°	1923
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6140 cd/sqm

TEST NUMBER: P1296745

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	13.2
10°-20°	71.8	29.5
20°-30°	67.2	27.6
30°-40°	41.1	16.9
40°-50°	16.2	6.7
50°-60°	7.1	2.9
60°-70°	4.4	1.8
70°-80°	2.4	1.0
80°-90°	0.8	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°	170.9	70.4
0°-40°	212.0	87.3
0°-60°	235.4	96.9
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	356	
5°	346	32
15°	260	72
25°	146	67
35°	65	41
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1296745

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	356.2
1°	356.6
2°	355.4
3°	353.2
4°	349.8
5°	346.1
6°	341.2
7°	335.6
8°	328.9
9°	321.4
10°	312.8
11°	303.8
12°	294.1
13°	283.6
14°	272.0
15°	260.4
17.5°	230.5
20°	200.5
22.5°	171.7
25°	146.3
27.5°	122.7
30°	101.8
32.5°	82.3
35°	65.1
37.5°	49.8
40°	37.4
42.5°	26.9
45°	19.8
47.5°	14.2
50°	10.9
52.5°	9.0
55°	7.9
57.5°	6.7
60°	6.0
62.5°	5.2
65°	4.5
67.5°	3.7
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4



TEST NUMBER: P1296745

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)