

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: P1296833

Luminaire Tested: P3A13R35W2N902765DE010 E3DL1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296833
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902765DE010 E3DL1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

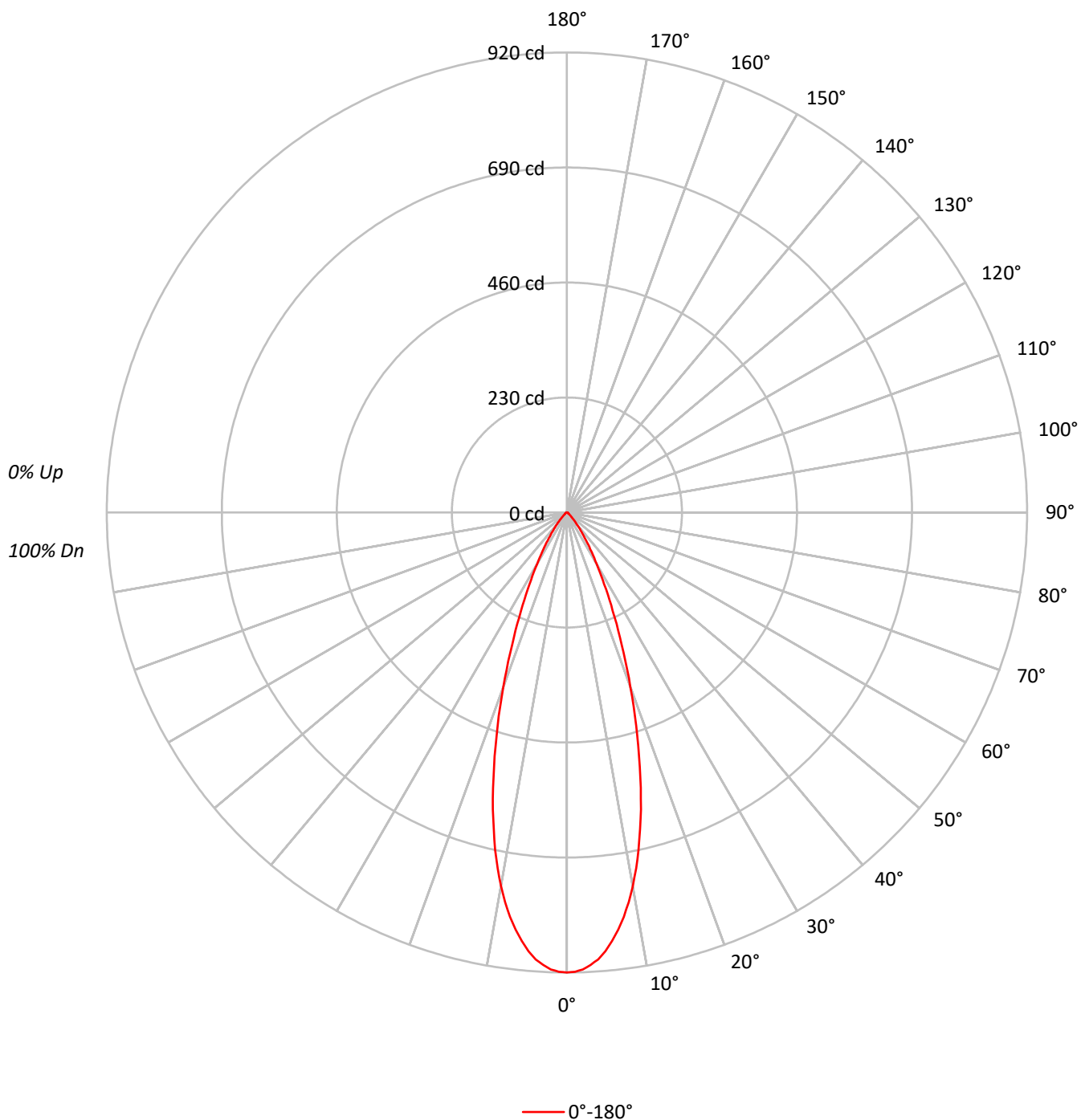
Lumens per Lamp: N/A
Luminaire Lumens: 400.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296833

CATALOG NUMBER: P3A13R35W2N902765DE010 E3DL1GPH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1296833

CATALOG NUMBER: P3A13R35W2N902765DE010 E3DL1GPH_3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96		95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91		90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	88	86		85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82		80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78		76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74		73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71		70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68		66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	68	65		64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	201738
5°	193880
10°	168935
15°	129399
20°	86574
25°	52382
30°	30055
35°	16811
40°	8931
45°	4590
50°	2217
55°	1759
60°	1667
65°	1401
70°	1475
75°	1271
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4590 cd/sqm

TEST NUMBER: P1296833

CATALOG NUMBER: P3A13R35W2N902765DE010 E3DL1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	20.0
10°-20°	155.3	38.8
20°-30°	101.7	25.4
30°-40°	41.2	10.3
40°-50°	12.4	3.1
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.6	0.1
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°	337.1	84.3
0°-40°	378.4	94.6
0°-60°	395.0	98.7
0°-90°	400.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	400.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	920	
5°	881	80
15°	570	155
25°	216	102
35°	63	41
45°	15	12
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1296833

CATALOG NUMBER: P3A13R35W2N902765DE010 E3DL1GPH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	920.0
1°	918.5
2°	914.3
3°	905.9
4°	896.0
5°	880.8
6°	861.8
7°	840.5
8°	816.5
9°	789.1
10°	758.7
11°	724.8
12°	689.4
13°	649.9
14°	612.2
15°	570.0
17.5°	467.6
20°	371.0
22.5°	285.4
25°	216.5
27.5°	161.3
30°	118.7
32.5°	87.1
35°	62.8
37.5°	44.5
40°	31.2
42.5°	21.7
45°	14.8
47.5°	9.9
50°	6.5
52.5°	4.9
55°	4.6
57.5°	4.2
60°	3.8
62.5°	3.4
65°	2.7
67.5°	2.3
70°	2.3
72.5°	1.9
75°	1.5
77.5°	1.1
80°	1.1
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1296833

CATALOG NUMBER: P3A13R35W2N902765DE010 E3DL1GPH_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)