

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: P1295533

Luminaire Tested: P3A13R15W2N902765DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295533
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902765DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

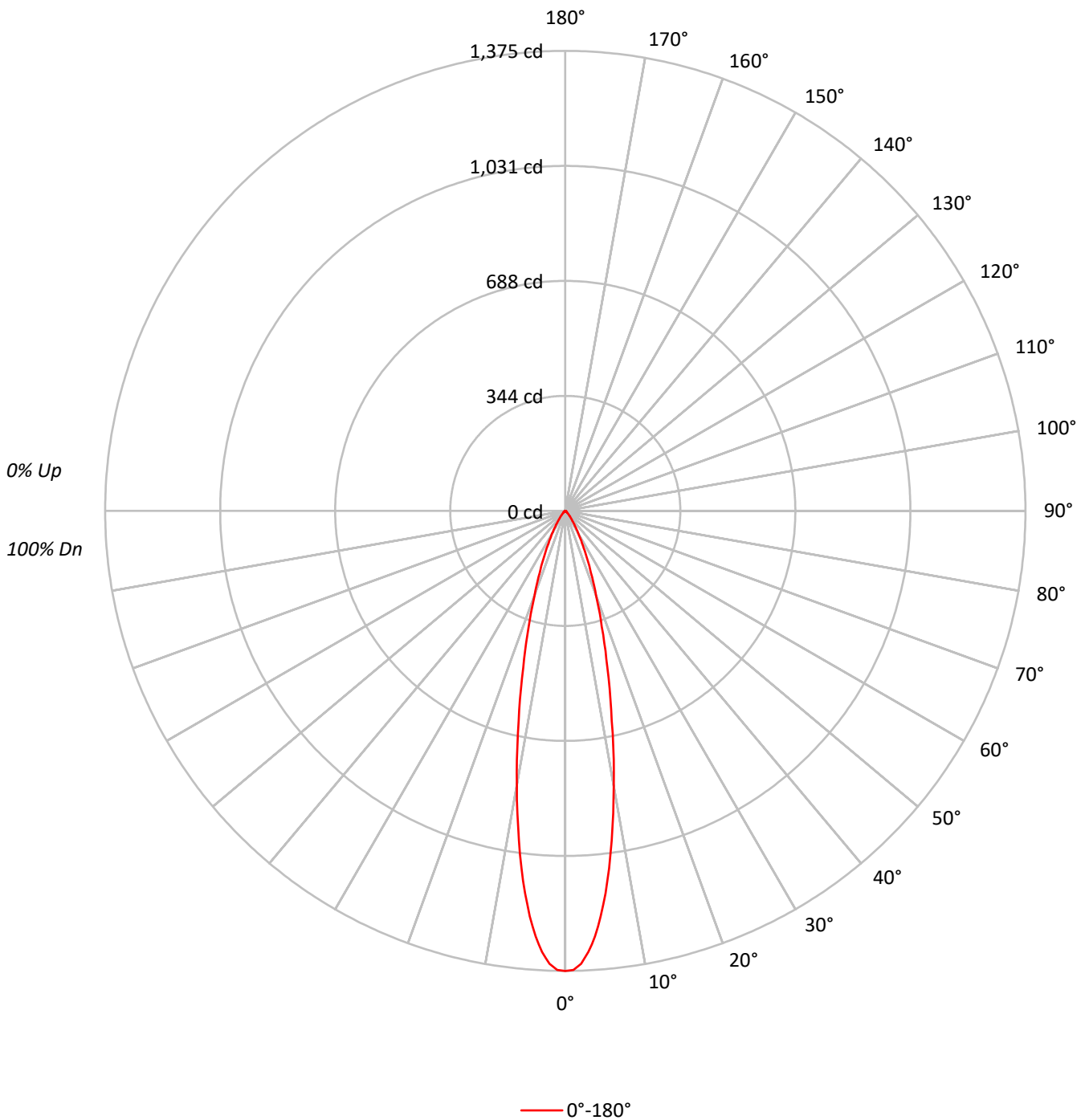
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 353.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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: P1295533
CATALOG NUMBER: P3A13R15W2N902765DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1295533

CATALOG NUMBER: P3A13R15W2N902765DE010 E3DL1GPH_2700K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	93	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	88	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	85	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	81	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	78	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	75	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	73	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	68	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	301555
5°	267686
10°	185879
15°	109921
20°	62609
25°	35784
30°	19801
35°	10547
40°	5840
45°	3163
50°	1979
55°	1567
60°	1360
65°	1245
70°	1090
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3163 cd/sqm



TEST NUMBER: P1295533

CATALOG NUMBER: P3A13R15W2N902765DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.4	29.3
10°-20°	136.5	38.7
20°-30°	70.3	19.9
30°-40°	26.4	7.5
40°-50°	8.6	2.4
50°-60°	3.7	1.1
60°-70°	2.3	0.7
70°-80°	1.4	0.4
80°-90°	0.4	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°	310.1	87.9
0°-40°	336.5	95.3
0°-60°	348.9	98.8
0°-90°	353.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1375	
5°	1216	103
15°	484	136
25°	148	70
35°	39	26
45°	10	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1295533
CATALOG NUMBER: P3A13R15W2N902765DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1375.2
1°	1372.5
2°	1354.5
3°	1320.1
4°	1274.9
5°	1216.1
6°	1149.4
7°	1076.3
8°	995.0
9°	914.8
10°	834.8
12.5°	642.4
15°	484.2
17.5°	362.5
20°	268.3
22.5°	200.3
25°	147.9
27.5°	107.8
30°	78.2
32.5°	55.4
35°	39.4
37.5°	28.2
40°	20.4
42.5°	14.6
45°	10.2
47.5°	7.5
50°	5.8
52.5°	4.8
55°	4.1
57.5°	3.4
60°	3.1
62.5°	2.7
65°	2.4
67.5°	2.0
70°	1.7
72.5°	1.7
75°	1.4
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)