

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: P1285002

Luminaire Tested: P3AS13R35B2750DE010 E3PH1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285002
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3PH1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

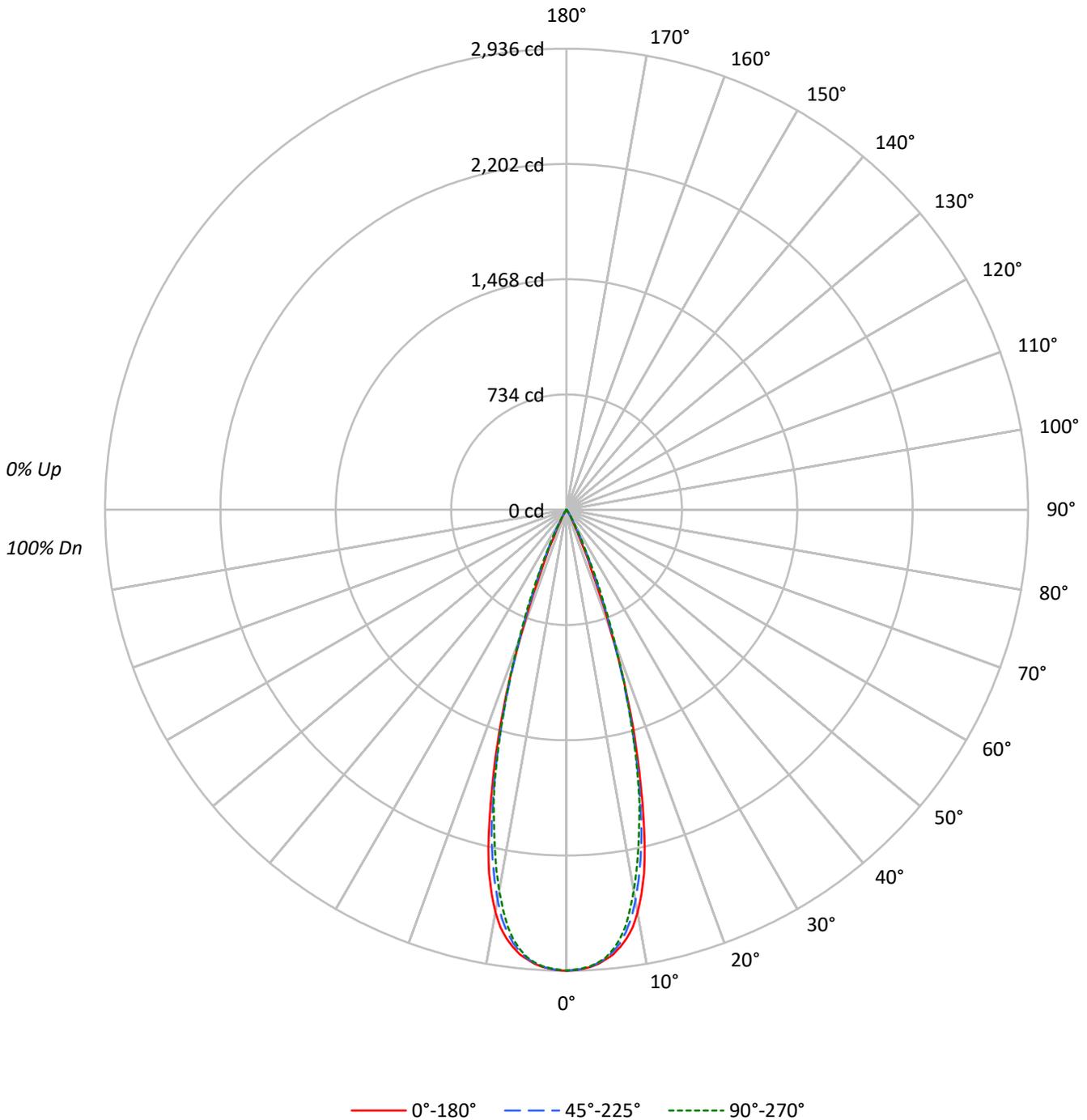
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 891.0 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1285002
CATALOG NUMBER: P3AS13R35B2750DE010 E3PH1MW_2700K

Luminous Intensity Polar Plot





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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	643698	643698	643698
5°	632642	631299	629957
10°	579816	562381	548710
15°	415190	401932	397051
20°	192517	199144	206121
25°	45680	64988	67770
30°	13420	15344	17294
35°	3078	4926	4524
40°	658	1317	887
45°	248	248	248
50°	273	0	273
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 288 cd/sqm



TEST NUMBER: P1285002

CATALOG NUMBER: P3AS13R35B2750DE010 E3PH1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.5	29.6
10°-20°	471.2	52.9
20°-30°	141.8	15.9
30°-40°	13.6	1.5
40°-50°	0.9	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	876.5	98.4
0°-40°	890.0	99.9
0°-60°	891.0	100.0
0°-90°	891.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	891.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2936	2936	2936	2936	2936	
5°	2874	2873	2868	2864	2862	267
15°	1829	1815	1770	1763	1749	483
25°	189	208	269	280	280	122
35°	12	15	18	20	17	11
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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 CATALOG NUMBER: P3AS13R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2935.5	2935.5	2935.5	2935.5	2935.5
1°	2934.0	2934.0	2932.5	2932.5	2929.4
2°	2927.1	2927.9	2924.8	2924.0	2921.7
3°	2916.4	2914.0	2914.0	2912.5	2911.0
4°	2899.5	2894.9	2893.3	2894.1	2891.0
5°	2874.1	2873.4	2868.0	2864.2	2861.9
6°	2846.5	2841.1	2829.6	2819.7	2817.3
7°	2805.1	2793.6	2783.6	2762.9	2759.8
8°	2754.4	2736.0	2714.5	2685.3	2683.8
9°	2692.3	2662.3	2632.4	2593.2	2579.4
10°	2604.0	2576.4	2525.7	2491.2	2464.3
11°	2494.2	2459.7	2400.6	2359.2	2336.9
12°	2369.9	2337.7	2268.6	2231.0	2199.5
13°	2210.3	2183.4	2119.0	2077.5	2053.0
14°	2025.3	2005.4	1944.0	1925.6	1917.1
15°	1828.9	1815.0	1770.5	1762.9	1749.0
17.5°	1346.1	1323.1	1297.8	1302.4	1307.0
20°	825.0	857.3	853.4	870.3	883.3
22.5°	411.4	452.8	501.2	530.3	544.9
25°	188.8	208.0	268.6	280.1	280.1
27.5°	95.2	99.8	126.6	128.9	135.1
30°	53.0	56.8	60.6	67.5	68.3
32.5°	26.9	31.5	33.0	36.8	35.3
35°	11.5	15.3	18.4	20.0	16.9
37.5°	5.4	6.9	10.0	9.2	6.9
40°	2.3	3.1	4.6	3.8	3.1
42.5°	1.5	1.5	2.3	1.5	1.5
45°	0.8	0.8	0.8	0.8	0.8
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.0	0.0	0.0	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1285002
CATALOG NUMBER: P3AS13R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)