

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: P1285007

Luminaire Tested: P3AS13R35B2750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285007
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

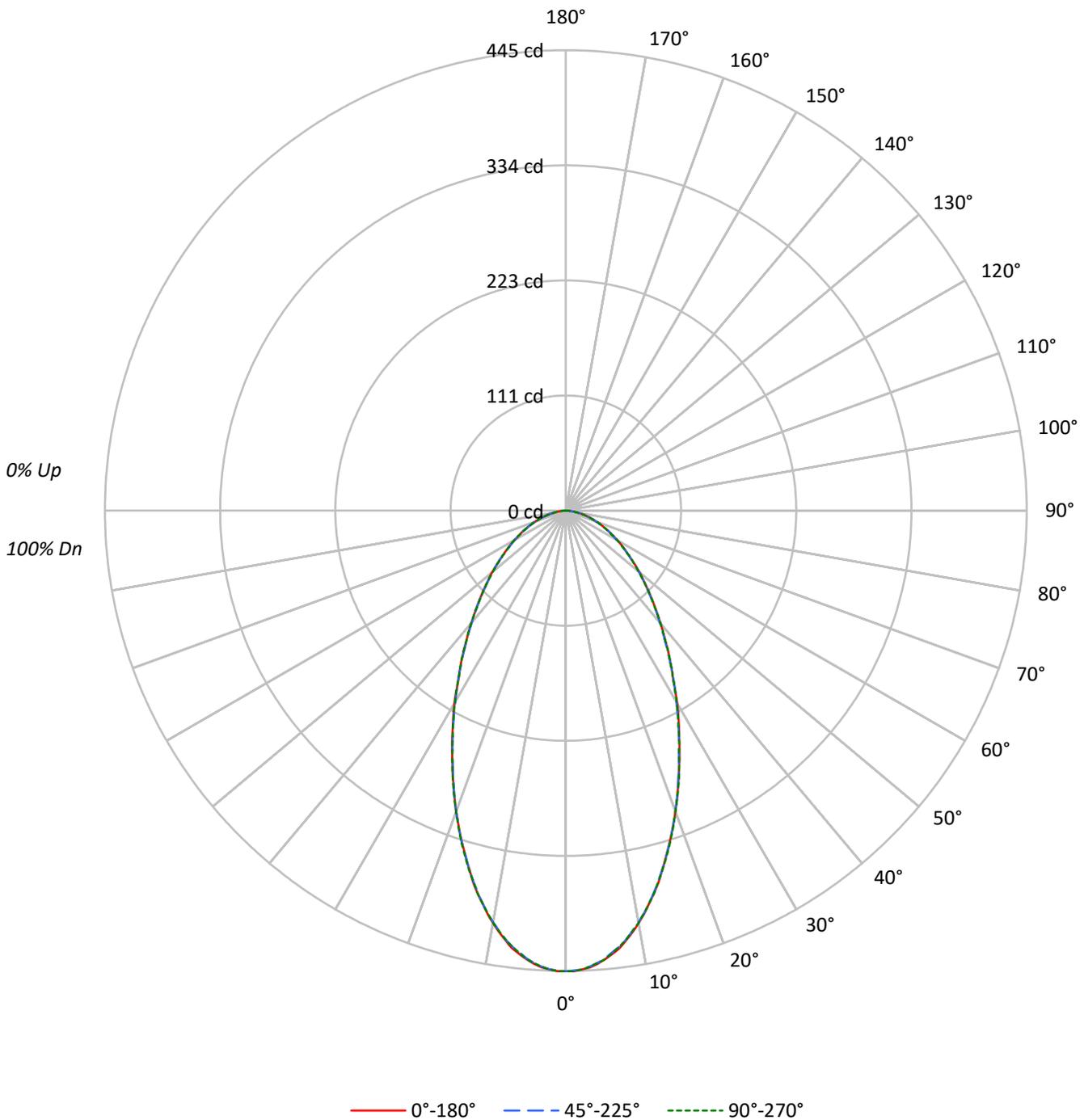
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 595.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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

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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	97668	97668	97668
5°	95840	95663	95840
10°	90112	89934	90112
15°	81590	81590	81748
20°	72223	72223	72223
25°	62786	62617	62617
30°	54439	54059	54236
35°	46873	46659	46873
40°	40676	40447	40676
45°	35725	35477	35477
50°	31692	31419	31419
55°	27908	27908	27908
60°	25261	24910	25261
65°	22726	22726	22726
70°	20196	20196	20196
75°	18216	17538	18216
80°	15532	15532	15532
85°	9561	9561	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 35725 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	6.8
10°-20°	100.2	16.8
20°-30°	119.1	20.0
30°-40°	109.5	18.4
40°-50°	88.9	14.9
50°-60°	65.8	11.1
60°-70°	43.5	7.3
70°-80°	22.5	3.8
80°-90°	5.1	0.9
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°	259.9	43.7
0°-40°	369.3	62.1
0°-60°	524.0	88.1
0°-90°	595.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	595.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	445	445	445	445	445	
5°	435	435	435	435	435	41
15°	359	359	359	359	360	100
25°	260	259	259	260	259	119
35°	175	174	174	175	175	110
45°	115	114	114	114	114	89
55°	73	73	73	73	73	66
65°	44	44	44	44	44	43
75°	22	22	21	22	22	23
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	445.4	445.4	445.4	445.4	445.4
1°	445.4	444.6	444.6	444.6	445.4
2°	443.8	443.8	443.8	443.8	443.8
3°	442.3	441.5	441.5	441.5	441.5
4°	439.2	438.5	438.5	438.5	438.5
5°	435.4	434.6	434.6	434.6	435.4
6°	430.8	430.0	429.3	429.3	430.0
7°	426.2	424.6	424.6	424.6	424.6
8°	419.3	418.5	418.5	418.5	418.5
9°	412.4	410.8	411.6	411.6	411.6
10°	404.7	403.9	403.9	403.9	404.7
11°	397.0	396.2	396.2	395.5	396.2
12°	387.8	387.8	387.8	387.8	387.8
13°	379.3	378.6	378.6	378.6	379.3
14°	370.1	369.4	369.4	369.4	369.4
15°	359.4	359.4	359.4	359.4	360.1
17.5°	334.8	334.0	334.8	334.8	335.6
20°	309.5	308.7	309.5	309.5	309.5
22.5°	284.1	284.1	283.4	284.1	284.9
25°	259.5	258.8	258.8	259.5	258.8
27.5°	236.5	235.7	235.7	235.7	235.7
30°	215.0	213.5	213.5	214.2	214.2
32.5°	192.7	192.7	193.5	192.7	192.7
35°	175.1	174.3	174.3	175.1	175.1
37.5°	157.4	156.7	156.7	157.4	157.4
40°	142.1	142.1	141.3	142.1	142.1
42.5°	127.5	127.5	127.5	127.5	127.5
45°	115.2	114.4	114.4	114.4	114.4
47.5°	102.9	102.9	102.9	102.1	102.9
50°	92.9	92.1	92.1	92.1	92.1
52.5°	82.2	82.2	82.2	82.2	82.2
55°	73.0	73.0	73.0	73.0	73.0
57.5°	65.3	64.5	64.5	64.5	64.5
60°	57.6	57.6	56.8	57.6	57.6
62.5°	49.9	49.9	49.9	49.9	49.9
65°	43.8	43.8	43.8	43.8	43.8
67.5°	37.6	37.6	37.6	37.6	37.6
70°	31.5	31.5	31.5	31.5	31.5
72.5°	26.9	26.1	26.1	26.1	26.1
75°	21.5	21.5	20.7	21.5	21.5
77.5°	16.1	16.1	16.1	16.1	16.1
80°	12.3	12.3	12.3	11.5	12.3
82.5°	7.7	7.7	7.7	7.7	7.7
85°	3.8	3.8	3.8	3.8	3.8
87.5°	0.8	0.8	0.8	1.5	1.5



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)