

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: P1285008

Luminaire Tested: P3AS13R35B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285008
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

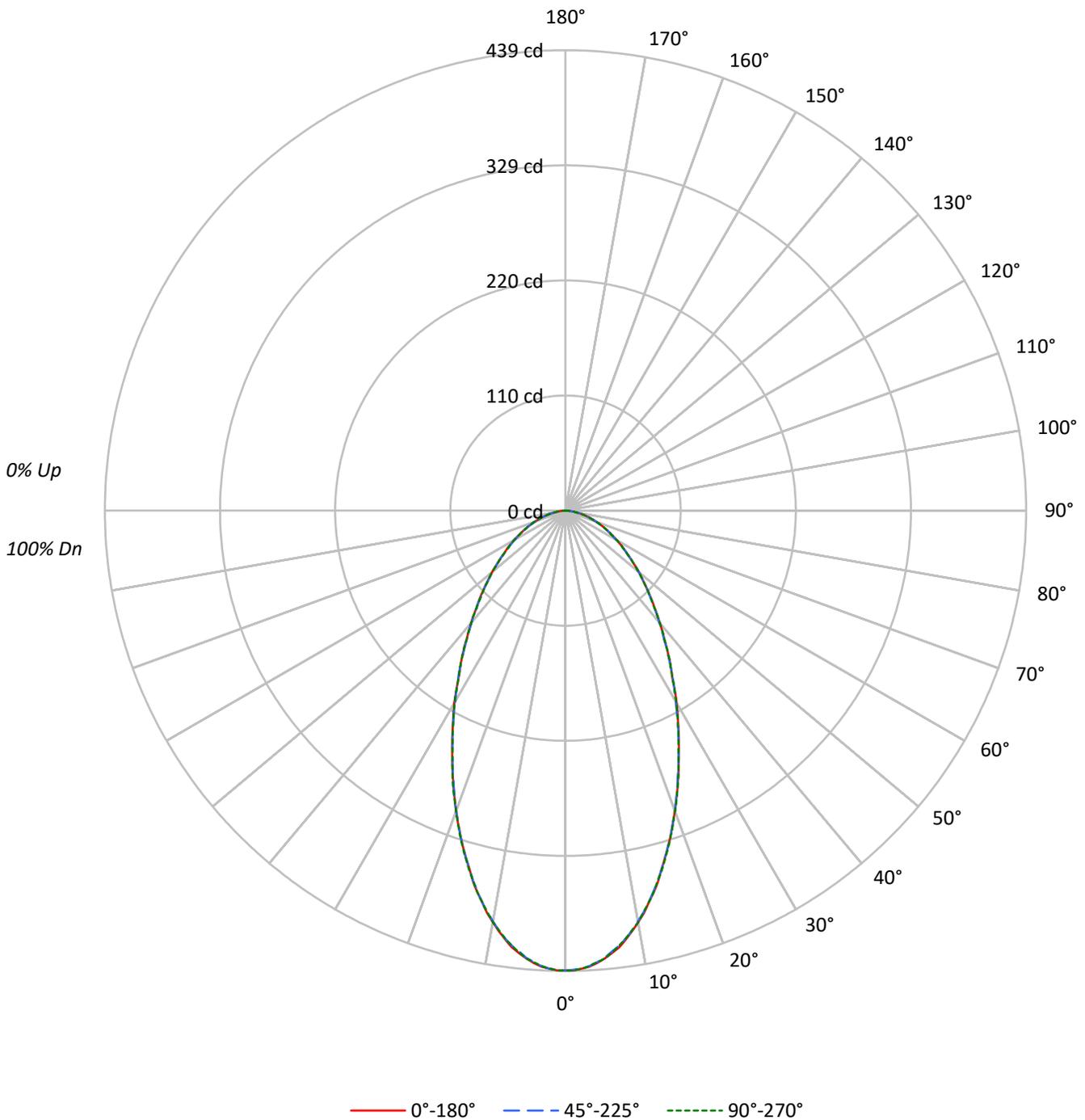
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 586.0 lumens
Efficiency: N/A
Efficacy: 30.7 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	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	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	96177	96177	96177
5°	94387	94233	94387
10°	88754	88576	88754
15°	80341	80341	80523
20°	71126	71126	71126
25°	61842	61673	61673
30°	53629	53223	53426
35°	46150	45963	46150
40°	40046	39846	40046
45°	35166	34949	34949
50°	31214	30976	30976
55°	27449	27449	27449
60°	24866	24559	24866
65°	22363	22363	22363
70°	19875	19875	19875
75°	17961	17284	17961
80°	15280	15280	15280
85°	9561	9561	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 35166 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.9	6.8
10°-20°	98.7	16.8
20°-30°	117.3	20.0
30°-40°	107.8	18.4
40°-50°	87.5	14.9
50°-60°	64.7	11.0
60°-70°	42.8	7.3
70°-80°	22.2	3.8
80°-90°	5.0	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°	255.9	43.7
0°-40°	363.7	62.1
0°-60°	516.0	88.1
0°-90°	586.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	586.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	439	439	439	439	439	
5°	429	428	428	428	429	40
15°	354	354	354	354	355	99
25°	256	255	255	256	255	118
35°	172	172	172	172	172	108
45°	113	113	113	113	113	88
55°	72	72	72	72	72	65
65°	43	43	43	43	43	43
75°	21	21	20	21	21	22
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°	438.6	438.6	438.6	438.6	438.6
1°	438.6	437.9	437.9	437.9	438.6
2°	437.1	437.1	437.1	437.1	437.1
3°	435.6	434.9	434.9	434.9	434.9
4°	432.6	431.8	431.8	431.8	431.8
5°	428.8	428.1	428.1	428.1	428.8
6°	424.3	423.5	422.8	422.8	423.5
7°	419.7	418.2	418.2	418.2	418.2
8°	412.9	412.2	412.2	412.2	412.2
9°	406.1	404.6	405.4	405.4	405.4
10°	398.6	397.8	397.8	397.8	398.6
11°	391.0	390.2	390.2	389.5	390.2
12°	381.9	381.9	381.9	381.9	381.9
13°	373.6	372.8	372.8	372.8	373.6
14°	364.5	363.8	363.8	363.8	363.8
15°	353.9	353.9	353.9	353.9	354.7
17.5°	329.7	329.0	329.7	329.7	330.5
20°	304.8	304.0	304.8	304.8	304.8
22.5°	279.8	279.8	279.1	279.8	280.6
25°	255.6	254.9	254.9	255.6	254.9
27.5°	232.9	232.2	232.2	232.2	232.2
30°	211.8	210.2	210.2	211.0	211.0
32.5°	189.8	189.8	190.6	189.8	189.8
35°	172.4	171.7	171.7	172.4	172.4
37.5°	155.0	154.3	154.3	155.0	155.0
40°	139.9	139.9	139.2	139.9	139.9
42.5°	125.5	125.5	125.5	125.5	125.5
45°	113.4	112.7	112.7	112.7	112.7
47.5°	101.3	101.3	101.3	100.6	101.3
50°	91.5	90.8	90.8	90.8	90.8
52.5°	80.9	80.9	80.9	80.9	80.9
55°	71.8	71.8	71.8	71.8	71.8
57.5°	64.3	63.5	63.5	63.5	63.5
60°	56.7	56.7	56.0	56.7	56.7
62.5°	49.2	49.2	49.2	49.2	49.2
65°	43.1	43.1	43.1	43.1	43.1
67.5°	37.1	37.1	37.1	37.1	37.1
70°	31.0	31.0	31.0	31.0	31.0
72.5°	26.5	25.7	25.7	25.7	25.7
75°	21.2	21.2	20.4	21.2	21.2
77.5°	15.9	15.9	15.9	15.9	15.9
80°	12.1	12.1	12.1	11.3	12.1
82.5°	7.6	7.6	7.6	7.6	7.6
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)