

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: P1283288

Luminaire Tested: P3AS09R35B2750DE010 E3PHLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

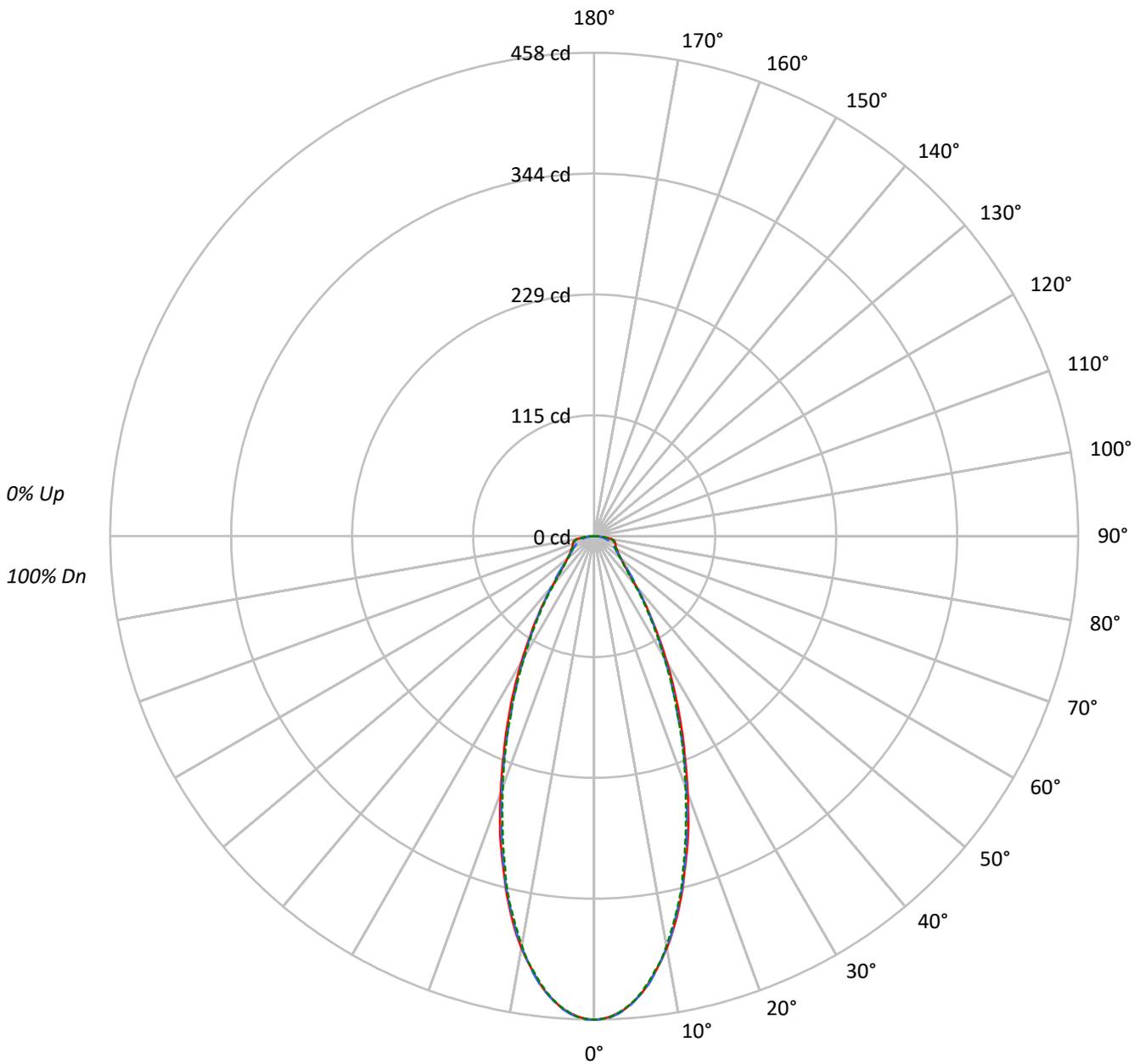
Test Method: LM-79-2019  
Report Number: P1283288  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R35B2750DE010 E3PHLP1MW\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 379.0 lumens  
Efficiency: N/A  
Efficacy: 28.9 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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



— 0°-180°    - - - 45°-225°    - · - · - 90°-270°



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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	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	100452	100452	100452
5°	97138	97270	97138
10°	88242	88130	87729
15°	74915	74643	74007
20°	60322	59505	58968
25°	46624	45220	45220
30°	34765	33600	33296
35°	25029	24708	24092
40°	17519	18005	16832
45°	13056	13769	12714
50°	11224	11224	11019
55°	10590	10131	10360
60°	10876	9868	10394
65°	11674	9858	11363
70°	13656	10386	13336
75°	17114	10760	16606
80°	21846	11618	19699
85°	17360	11573	17360

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 21846 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	40.7	10.7
10°-20°	90.8	24.0
20°-30°	86.7	22.9
30°-40°	58.2	15.4
40°-50°	34.2	9.0
50°-60°	24.4	6.4
60°-70°	20.4	5.4
70°-80°	16.7	4.4
80°-90°	6.9	1.8
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°	218.2	57.6
0°-40°	276.4	72.9
0°-60°	335.1	88.4
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	458	458	458	458	458	
5°	441	442	442	441	441	41
15°	330	331	329	326	326	91
25°	193	190	187	187	187	88
35°	94	94	92	91	90	59
45°	42	43	44	42	41	34
55°	28	27	26	26	27	25
65°	22	20	19	20	22	22
75°	20	16	13	16	20	21
85°	7	8	5	8	7	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	458.1	458.1	458.1	458.1	458.1
1°	457.5	458.1	458.1	457.5	457.5
2°	455.2	456.3	455.8	455.2	455.8
3°	452.3	453.5	452.9	452.3	451.7
4°	447.7	448.8	448.3	447.1	447.1
5°	441.3	442.5	441.9	441.3	441.3
6°	435.0	436.2	435.0	433.8	433.8
7°	426.3	428.1	426.9	425.8	425.2
8°	416.5	418.3	417.1	416.5	415.4
9°	406.7	407.9	406.2	406.2	406.2
10°	396.3	396.9	395.8	394.0	394.0
11°	384.8	384.2	383.7	382.5	381.3
12°	372.1	372.1	370.4	369.2	368.7
13°	358.8	358.3	357.1	356.0	356.0
14°	345.0	345.0	343.8	341.5	342.1
15°	330.0	330.6	328.8	326.5	326.0
17.5°	296.0	294.8	291.9	290.2	288.5
20°	258.5	257.9	255.0	253.3	252.7
22.5°	223.8	223.3	220.4	218.7	219.8
25°	192.7	190.4	186.9	186.9	186.9
27.5°	163.8	161.0	158.7	157.5	158.7
30°	137.3	135.0	132.7	132.1	131.5
32.5°	113.7	112.5	111.3	109.6	109.6
35°	93.5	93.5	92.3	90.6	90.0
37.5°	76.2	76.7	76.2	74.4	73.8
40°	61.2	62.3	62.9	61.2	58.8
42.5°	50.2	51.9	53.1	50.2	48.5
45°	42.1	43.3	44.4	42.1	41.0
47.5°	36.9	37.5	38.1	36.3	35.8
50°	32.9	32.9	32.9	32.3	32.3
52.5°	30.0	30.0	29.4	28.8	28.8
55°	27.7	27.1	26.5	26.5	27.1
57.5°	26.0	25.4	24.2	24.8	25.4
60°	24.8	23.7	22.5	23.1	23.7
62.5°	23.1	21.9	20.8	21.3	22.5
65°	22.5	20.2	19.0	20.2	21.9
67.5°	21.9	19.0	17.3	19.0	21.3
70°	21.3	17.9	16.2	17.9	20.8
72.5°	20.8	16.7	14.4	16.7	20.2
75°	20.2	15.6	12.7	15.6	19.6
77.5°	19.0	14.4	11.0	14.4	17.9
80°	17.3	13.3	9.2	12.7	15.6
82.5°	12.7	11.0	7.5	11.0	11.5
85°	6.9	7.5	4.6	7.5	6.9
87.5°	0.6	1.2	1.2	3.5	2.3



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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)