

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: P1281558

Luminaire Tested: P3AS05R35B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281558
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: P3AS05R35B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

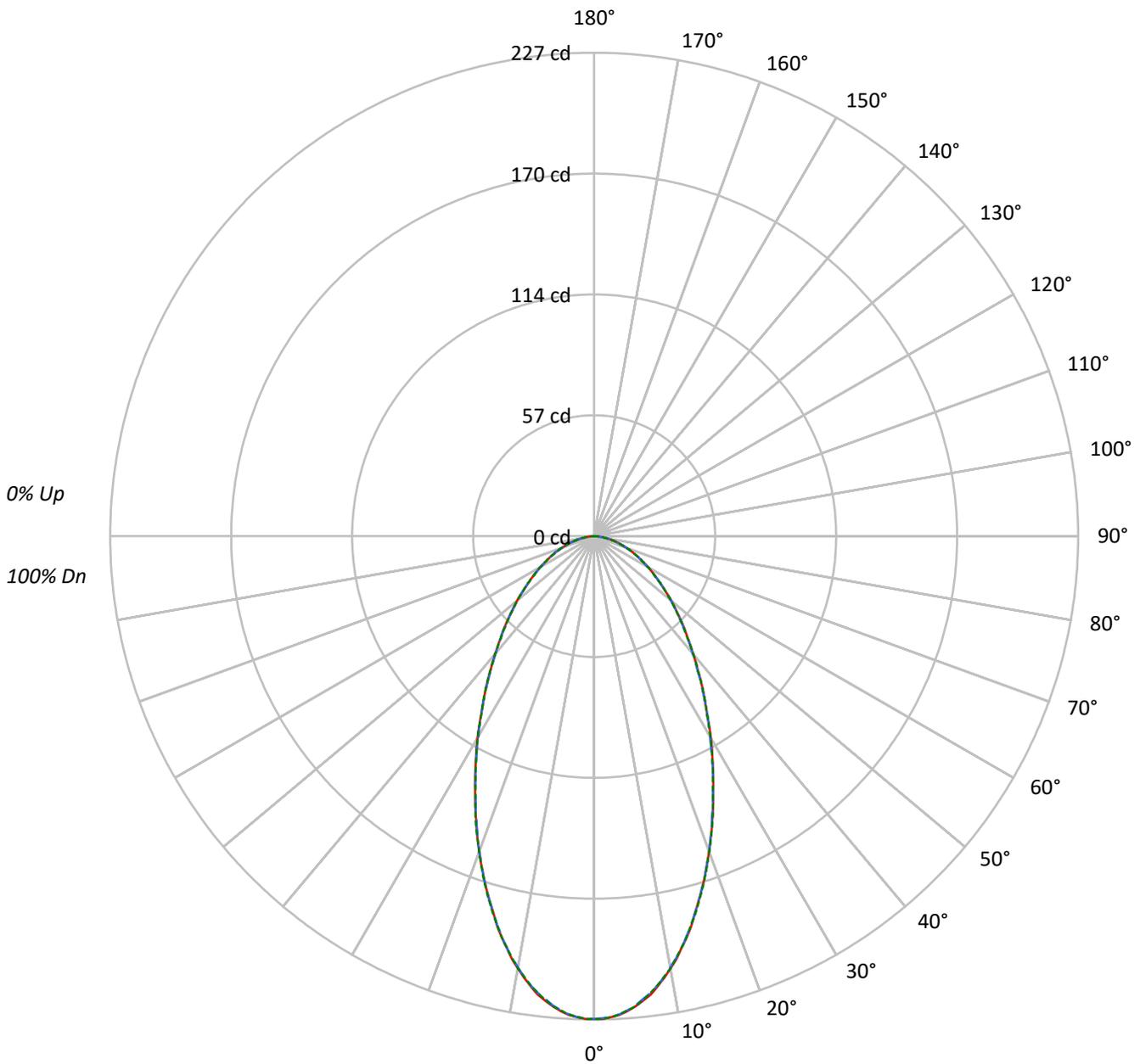
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 51.4 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): 5.9
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	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°	49733	49733	49733
5°	48800	48712	48800
10°	45891	45802	45891
15°	41544	41544	41635
20°	36777	36777	36777
25°	31986	31889	31889
30°	27726	27523	27625
35°	23878	23771	23878
40°	20696	20610	20696
45°	18203	18079	18079
50°	16136	15999	15999
55°	14183	14183	14183
60°	12850	12674	12850
65°	11571	11571	11571
70°	10258	10258	10258
75°	9235	8981	9235
80°	7956	7956	7956
85°	5032	5032	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18203 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	6.8
10°-20°	51.1	16.8
20°-30°	60.7	20.0
30°-40°	55.8	18.4
40°-50°	45.3	14.9
50°-60°	33.5	11.0
60°-70°	22.1	7.3
70°-80°	11.5	3.8
80°-90°	2.6	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°	132.3	43.7
0°-40°	188.1	62.1
0°-60°	266.8	88.1
0°-90°	303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	303.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	227	227	227	227	227	
5°	222	221	221	221	222	21
15°	183	183	183	183	183	51
25°	132	132	132	132	132	61
35°	89	89	89	89	89	56
45°	59	58	58	58	58	45
55°	37	37	37	37	37	34
65°	22	22	22	22	22	22
75°	11	11	11	11	11	12
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	226.8	226.8	226.8	226.8	226.8
1°	226.8	226.4	226.4	226.4	226.8
2°	226.0	226.0	226.0	226.0	226.0
3°	225.2	224.9	224.9	224.9	224.9
4°	223.7	223.3	223.3	223.3	223.3
5°	221.7	221.3	221.3	221.3	221.7
6°	219.4	219.0	218.6	218.6	219.0
7°	217.0	216.2	216.2	216.2	216.2
8°	213.5	213.1	213.1	213.1	213.1
9°	210.0	209.2	209.6	209.6	209.6
10°	206.1	205.7	205.7	205.7	206.1
11°	202.2	201.8	201.8	201.4	201.8
12°	197.5	197.5	197.5	197.5	197.5
13°	193.2	192.8	192.8	192.8	193.2
14°	188.5	188.1	188.1	188.1	188.1
15°	183.0	183.0	183.0	183.0	183.4
17.5°	170.5	170.1	170.5	170.5	170.9
20°	157.6	157.2	157.6	157.6	157.6
22.5°	144.7	144.7	144.3	144.7	145.1
25°	132.2	131.8	131.8	132.2	131.8
27.5°	120.4	120.1	120.1	120.1	120.1
30°	109.5	108.7	108.7	109.1	109.1
32.5°	98.2	98.2	98.5	98.2	98.2
35°	89.2	88.8	88.8	89.2	89.2
37.5°	80.2	79.8	79.8	80.2	80.2
40°	72.3	72.3	72.0	72.3	72.3
42.5°	64.9	64.9	64.9	64.9	64.9
45°	58.7	58.3	58.3	58.3	58.3
47.5°	52.4	52.4	52.4	52.0	52.4
50°	47.3	46.9	46.9	46.9	46.9
52.5°	41.8	41.8	41.8	41.8	41.8
55°	37.1	37.1	37.1	37.1	37.1
57.5°	33.2	32.8	32.8	32.8	32.8
60°	29.3	29.3	28.9	29.3	29.3
62.5°	25.4	25.4	25.4	25.4	25.4
65°	22.3	22.3	22.3	22.3	22.3
67.5°	19.2	19.2	19.2	19.2	19.2
70°	16.0	16.0	16.0	16.0	16.0
72.5°	13.7	13.3	13.3	13.3	13.3
75°	10.9	10.9	10.6	10.9	10.9
77.5°	8.2	8.2	8.2	8.2	8.2
80°	6.3	6.3	6.3	5.9	6.3
82.5°	3.9	3.9	3.9	3.9	3.9
85°	2.0	2.0	2.0	2.0	2.0
87.5°	0.4	0.4	0.4	0.8	0.8



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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)