

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: P1285011

Luminaire Tested: P3AS13R35B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285011
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

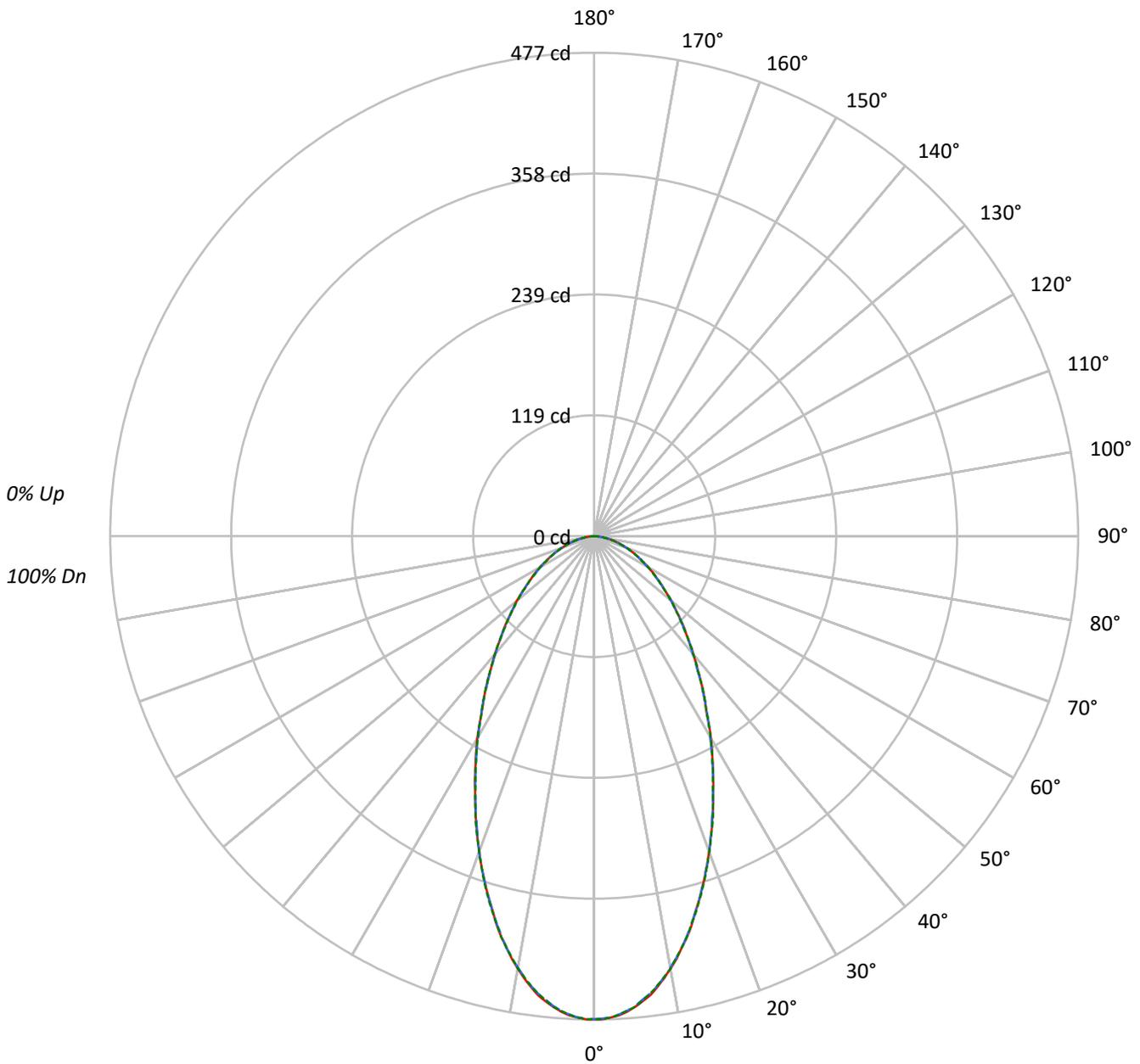
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 637.0 lumens
Efficiency: N/A
Efficacy: 33.4 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): 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: P1285011
CATALOG NUMBER: P3AS13R35B2750DE010 E3PHLD1MW_5000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P1285011

CATALOG NUMBER: P3AS13R35B2750DE010 E3PHLD1MW_5000K

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°	104553	104553	104553
5°	102597	102421	102597
10°	96458	96280	96458
15°	87333	87333	87537
20°	77310	77310	77310
25°	67238	67020	67020
30°	58287	57857	58085
35°	50166	49951	50166
40°	43539	43310	43539
45°	38237	37988	37988
50°	33943	33671	33671
55°	29858	29858	29858
60°	27059	26665	27059
65°	24335	24335	24335
70°	21606	21606	21606
75°	19486	18809	19486
80°	16669	16669	16669
85°	10315	10315	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 38237 cd/sqm



TEST NUMBER: P1285011

CATALOG NUMBER: P3AS13R35B2750DE010 E3PHLD1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.4	6.8
10°-20°	107.3	16.8
20°-30°	127.5	20.0
30°-40°	117.2	18.4
40°-50°	95.2	14.9
50°-60°	70.4	11.1
60°-70°	46.5	7.3
70°-80°	24.1	3.8
80°-90°	5.4	0.8
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°	278.2	43.7
0°-40°	395.4	62.1
0°-60°	561.0	88.1
0°-90°	637.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	637.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	477	477	477	477	477	
5°	466	465	465	465	466	43
15°	385	385	385	385	386	107
25°	278	277	277	278	277	128
35°	187	187	187	187	187	117
45°	123	122	122	122	122	95
55°	78	78	78	78	78	71
65°	47	47	47	47	47	47
75°	23	23	22	23	23	24
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



TEST NUMBER: P1285011

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	476.8	476.8	476.8	476.8	476.8
1°	476.8	476.0	476.0	476.0	476.8
2°	475.2	475.2	475.2	475.2	475.2
3°	473.5	472.7	472.7	472.7	472.7
4°	470.2	469.4	469.4	469.4	469.4
5°	466.1	465.3	465.3	465.3	466.1
6°	461.2	460.4	459.6	459.6	460.4
7°	456.3	454.6	454.6	454.6	454.6
8°	448.9	448.0	448.0	448.0	448.0
9°	441.5	439.8	440.6	440.6	440.6
10°	433.2	432.4	432.4	432.4	433.2
11°	425.0	424.2	424.2	423.4	424.2
12°	415.2	415.2	415.2	415.2	415.2
13°	406.1	405.3	405.3	405.3	406.1
14°	396.3	395.4	395.4	395.4	395.4
15°	384.7	384.7	384.7	384.7	385.6
17.5°	358.4	357.6	358.4	358.4	359.3
20°	331.3	330.5	331.3	331.3	331.3
22.5°	304.2	304.2	303.4	304.2	305.0
25°	277.9	277.0	277.0	277.9	277.0
27.5°	253.2	252.4	252.4	252.4	252.4
30°	230.2	228.5	228.5	229.4	229.4
32.5°	206.3	206.3	207.2	206.3	206.3
35°	187.4	186.6	186.6	187.4	187.4
37.5°	168.5	167.7	167.7	168.5	168.5
40°	152.1	152.1	151.3	152.1	152.1
42.5°	136.5	136.5	136.5	136.5	136.5
45°	123.3	122.5	122.5	122.5	122.5
47.5°	110.2	110.2	110.2	109.3	110.2
50°	99.5	98.7	98.7	98.7	98.7
52.5°	88.0	88.0	88.0	88.0	88.0
55°	78.1	78.1	78.1	78.1	78.1
57.5°	69.9	69.1	69.1	69.1	69.1
60°	61.7	61.7	60.8	61.7	61.7
62.5°	53.4	53.4	53.4	53.4	53.4
65°	46.9	46.9	46.9	46.9	46.9
67.5°	40.3	40.3	40.3	40.3	40.3
70°	33.7	33.7	33.7	33.7	33.7
72.5°	28.8	28.0	28.0	28.0	28.0
75°	23.0	23.0	22.2	23.0	23.0
77.5°	17.3	17.3	17.3	17.3	17.3
80°	13.2	13.2	13.2	12.3	13.2
82.5°	8.2	8.2	8.2	8.2	8.2
85°	4.1	4.1	4.1	4.1	4.1
87.5°	0.8	0.8	0.8	1.6	1.6



TEST NUMBER: P1285011
CATALOG NUMBER: P3AS13R35B2750DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)