

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: P1283243

Luminaire Tested: P3AS09R35B2750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283243
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3DLD1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

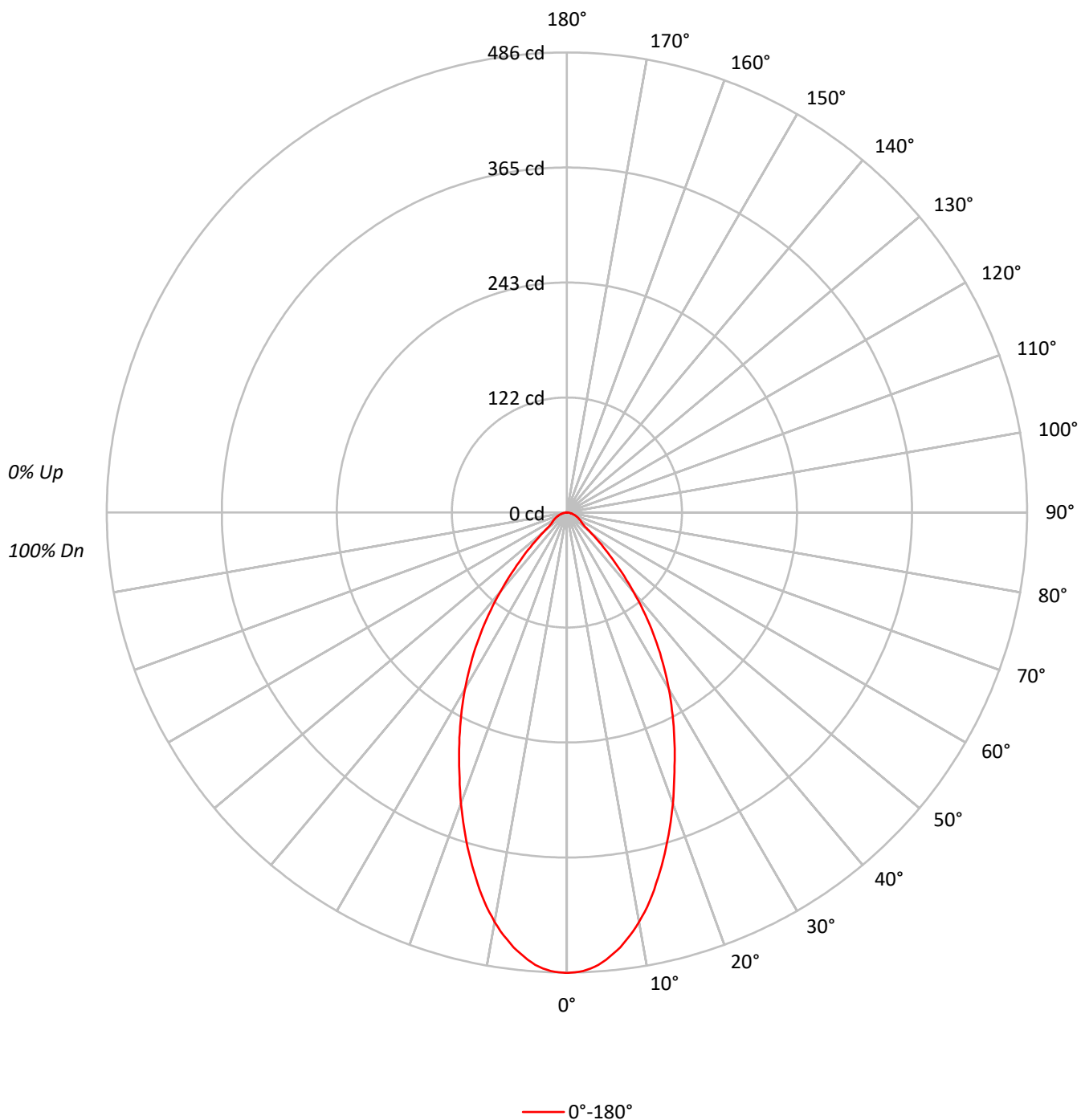
Lumens per Lamp: N/A
Luminaire Lumens: 467.0 lumens
Efficiency: N/A
Efficacy: 35.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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



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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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93		91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85		83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78		76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71		69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66		64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61		59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56		55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52		51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49		48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106680
5°	104424
10°	97794
15°	87764
20°	76353
25°	65060
30°	54515
35°	43420
40°	31373
45°	19878
50°	10814
55°	7493
60°	7105
65°	6590
70°	6283
75°	5338
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19878 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	9.5
10°-20°	107.6	23.0
20°-30°	123.3	26.4
30°-40°	100.6	21.5
40°-50°	50.7	10.9
50°-60°	18.8	4.0
60°-70°	12.6	2.7
70°-80°	7.0	1.5
80°-90°	2.1	0.5
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°	275.0	58.9
0°-40°	375.7	80.4
0°-60°	445.3	95.3
0°-90°	467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	467.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	474	44
15°	387	108
25°	269	123
35°	162	101
45°	64	51
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.5
1°	485.9
2°	484.8
3°	482.4
4°	479.0
5°	474.4
6°	468.6
7°	462.8
8°	455.3
9°	447.8
10°	439.2
11°	429.9
12°	420.1
13°	409.2
14°	397.6
15°	386.6
17.5°	357.2
20°	327.2
22.5°	296.6
25°	268.9
27.5°	241.8
30°	215.3
32.5°	188.7
35°	162.2
37.5°	135.6
40°	109.6
42.5°	85.4
45°	64.1
47.5°	46.2
50°	31.7
52.5°	23.1
55°	19.6
57.5°	17.9
60°	16.2
62.5°	14.4
65°	12.7
67.5°	11.0
70°	9.8
72.5°	8.1
75°	6.3
77.5°	5.2
80°	4.0
82.5°	2.9
85°	1.7
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)