

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: P1283205

Luminaire Tested: P3AS09R35B2750DE010 E3DL1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283205
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3DL1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

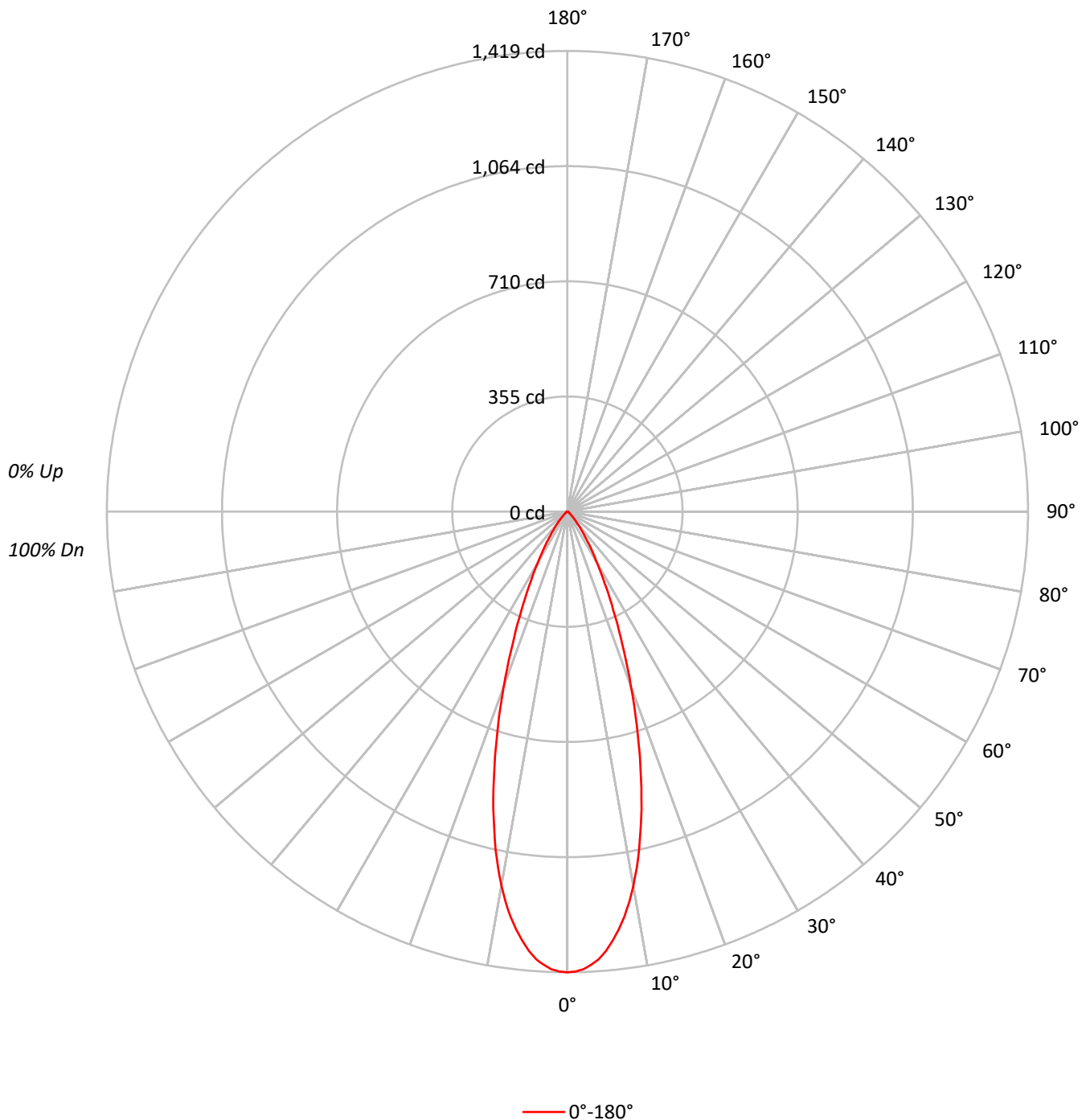
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107		112	109	107	106		105	104	102		102	100	99		98	97	96		95			
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	93	91		90			
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86		85			
4	100	94	89	85		99	93	88	85		91	87	84		89	85	83		87	84	82		80			
5	96	89	84	80		95	88	83	80		86	82	79		85	81	78		83	80	78		76			
6	92	85	80	76		91	84	79	76		83	78	75		81	77	75		80	77	74		73			
7	89	81	76	72		88	80	75	72		79	75	71		78	74	71		77	73	71		70			
8	85	77	72	69		84	77	72	68		76	71	68		75	71	68		74	70	68		66			
9	82	74	69	66		81	74	69	65		73	68	65		72	68	65		71	67	65		64			
10	79	71	66	63		78	71	66	63		70	66	63		69	65	62		69	65	62		61			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	311181
5°	299075
10°	260583
15°	199593
20°	133525
25°	80787
30°	46362
35°	25913
40°	13769
45°	7102
50°	3411
55°	2676
60°	2588
65°	2127
70°	2244
75°	1949
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7102 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.6	20.0
10°-20°	239.6	38.8
20°-30°	156.8	25.4
30°-40°	63.6	10.3
40°-50°	19.1	3.1
50°-60°	6.5	1.1
60°-70°	4.3	0.7
70°-80°	2.5	0.4
80°-90°	0.9	0.1
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°	520.0	84.3
0°-40°	583.6	94.6
0°-60°	609.2	98.7
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1419	
5°	1359	124
15°	879	240
25°	334	157
35°	97	64
45°	23	19
55°	7	6
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1419.1
1°	1416.8
2°	1410.3
3°	1397.4
4°	1382.2
5°	1358.7
6°	1329.3
7°	1296.5
8°	1259.5
9°	1217.2
10°	1170.3
11°	1118.0
12°	1063.5
13°	1002.4
14°	944.3
15°	879.2
17.5°	721.3
20°	572.2
22.5°	440.2
25°	333.9
27.5°	248.8
30°	183.1
32.5°	134.4
35°	96.8
37.5°	68.7
40°	48.1
42.5°	33.5
45°	22.9
47.5°	15.3
50°	10.0
52.5°	7.6
55°	7.0
57.5°	6.5
60°	5.9
62.5°	5.3
65°	4.1
67.5°	3.5
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.8
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)