

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: P1283216

Luminaire Tested: P3AS09R35B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283216
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 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

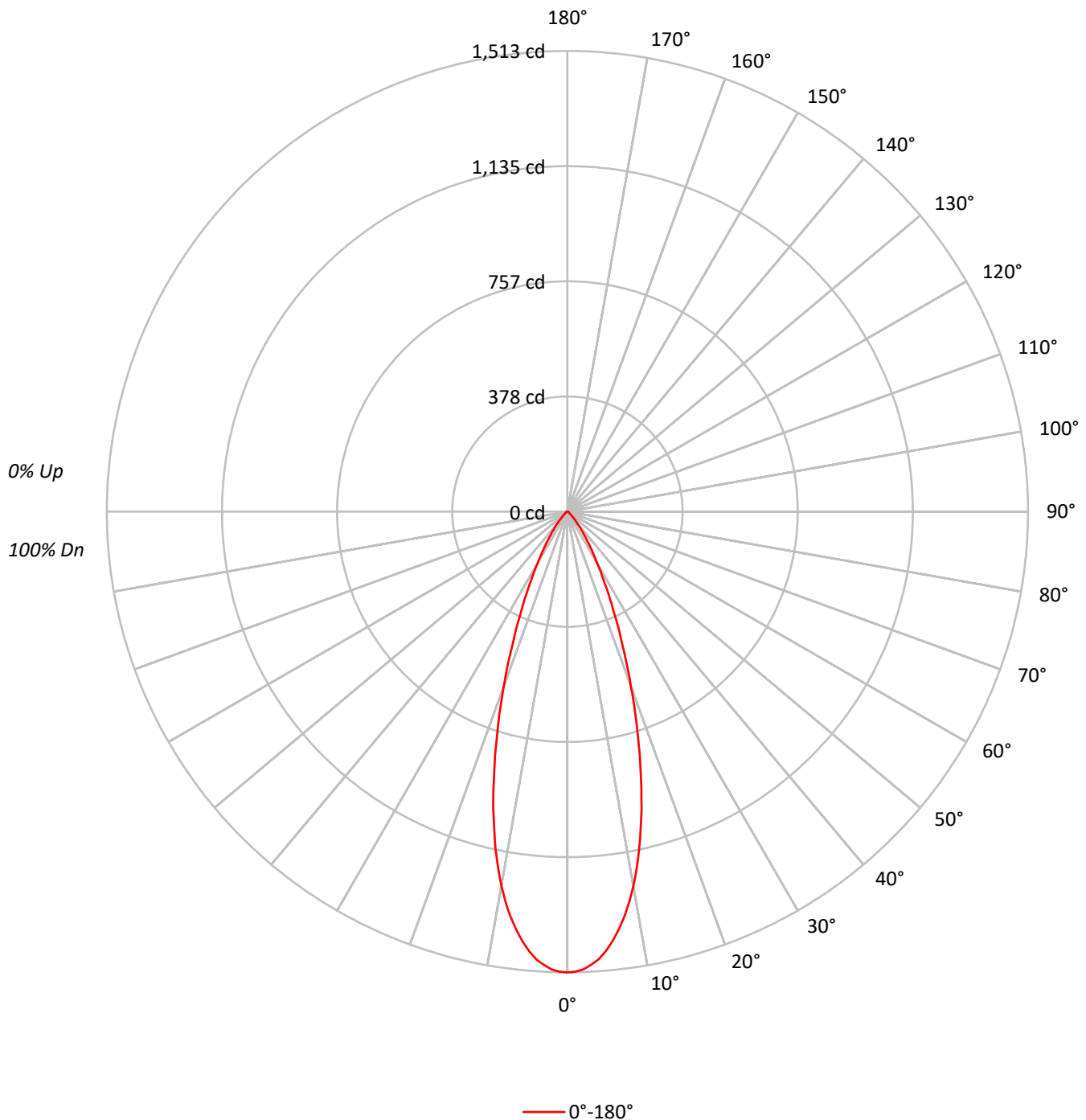
Lumens per Lamp: N/A
Luminaire Lumens: 658.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
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	68	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°	331859
5°	318951
10°	277906
15°	212850
20°	142416
25°	86158
30°	49451
35°	27653
40°	14685
45°	7567
50°	3616
55°	2867
60°	2763
65°	2283
70°	2436
75°	2118
80°	2399
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7567 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.8	20.0
10°-20°	255.5	38.8
20°-30°	167.3	25.4
30°-40°	67.8	10.3
40°-50°	20.4	3.1
50°-60°	6.9	1.1
60°-70°	4.7	0.7
70°-80°	2.7	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°	554.6	84.3
0°-40°	622.4	94.6
0°-60°	649.7	98.7
0°-90°	658.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	658.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1513	
5°	1449	132
15°	938	255
25°	356	167
35°	103	68
45°	24	20
55°	8	7
65°	4	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1513.4
1°	1510.9
2°	1504.0
3°	1490.3
4°	1474.0
5°	1449.0
6°	1417.7
7°	1382.6
8°	1343.2
9°	1298.1
10°	1248.1
11°	1192.3
12°	1134.1
13°	1069.0
14°	1007.1
15°	937.6
17.5°	769.2
20°	610.3
22.5°	469.4
25°	356.1
27.5°	265.4
30°	195.3
32.5°	143.3
35°	103.3
37.5°	73.2
40°	51.3
42.5°	35.7
45°	24.4
47.5°	16.3
50°	10.6
52.5°	8.1
55°	7.5
57.5°	6.9
60°	6.3
62.5°	5.6
65°	4.4
67.5°	3.8
70°	3.8
72.5°	3.1
75°	2.5
77.5°	1.9
80°	1.9
82.5°	1.3
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)