

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: P1283170

Luminaire Tested: P3AS09R35B2750DE010 E3CD1MB_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283170
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3CD1MB_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

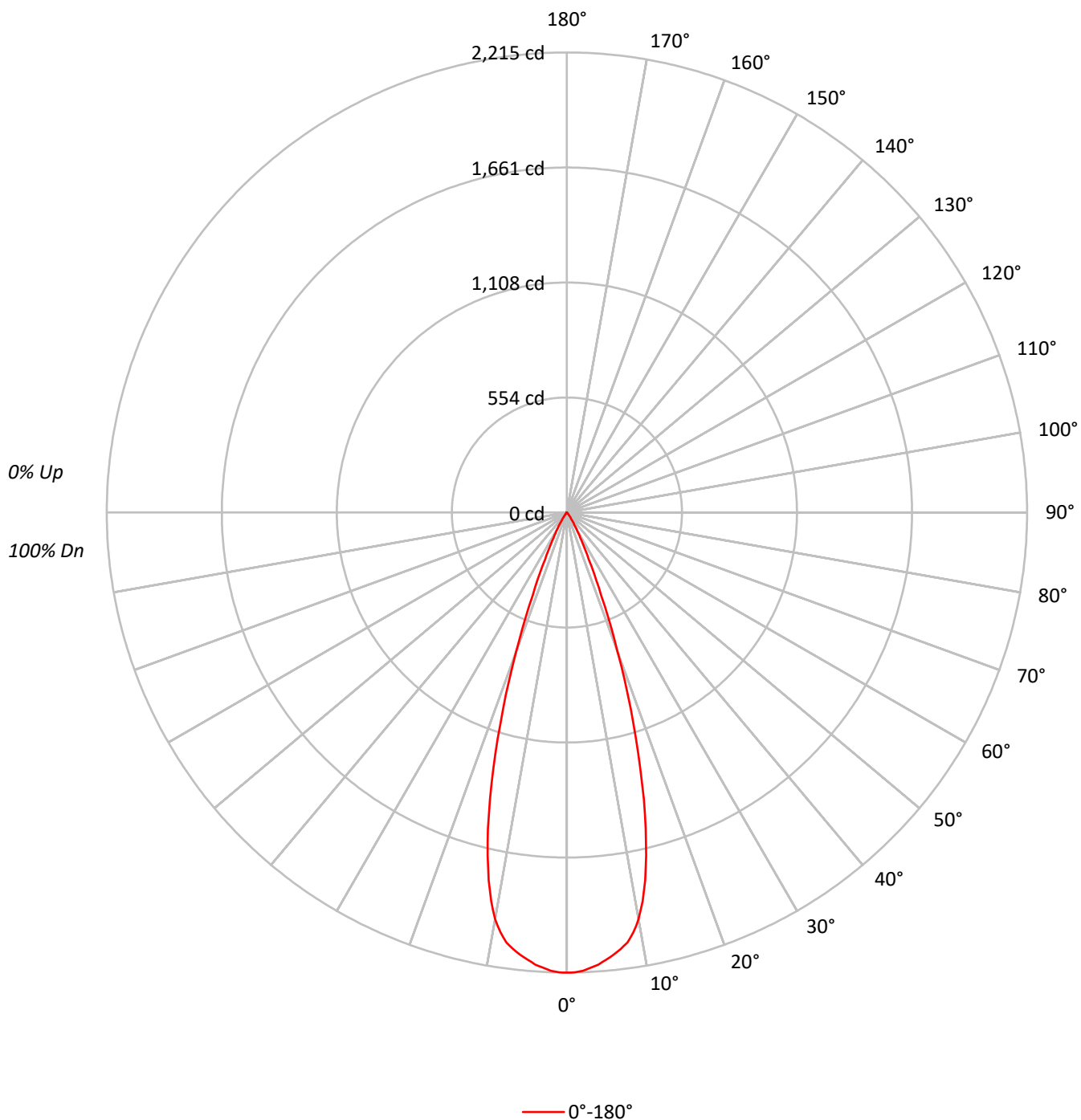
Lumens per Lamp: N/A
Luminaire Lumens: 745.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1283170

CATALOG NUMBER: P3AS09R35B2750DE010 E3CD1MB_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283170

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96											
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93											
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89											
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86											
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83											
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80											
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77											
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75											
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73											
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70											

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	485794
5°	475896
10°	442722
15°	324588
20°	166218
25°	59907
30°	23320
35°	8165
40°	3349
45°	899
50°	785
55°	879
60°	789
65°	623
70°	769
75°	1017
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 1017 cd/sqm

TEST NUMBER: P1283170

CATALOG NUMBER: P3AS09R35B2750DE010 E3CD1MB_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.6	27.1
10°-20°	378.2	50.8
20°-30°	133.9	18.0
30°-40°	23.4	3.1
40°-50°	3.4	0.5
50°-60°	1.9	0.3
60°-70°	1.4	0.2
70°-80°	1.0	0.1
80°-90°	0.2	0.0
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°	713.6	95.8
0°-40°	737.1	98.9
0°-60°	742.4	99.6
0°-90°	745.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2215	
5°	2162	202
15°	1430	378
25°	248	134
35°	30	23
45°	3	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CATALOG NUMBER: P3AS09R35B2750DE010 E3CD1MB_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2215.4
1°	2214.8
2°	2207.7
3°	2194.3
4°	2181.9
5°	2162.0
6°	2141.5
7°	2118.6
8°	2090.4
9°	2046.4
10°	1988.3
11°	1907.9
12°	1811.1
13°	1696.1
14°	1569.4
15°	1429.8
17.5°	1064.9
20°	712.3
22.5°	429.5
25°	247.6
27.5°	147.8
30°	92.1
32.5°	53.4
35°	30.5
37.5°	19.4
40°	11.7
42.5°	5.9
45°	2.9
47.5°	2.3
50°	2.3
52.5°	2.3
55°	2.3
57.5°	1.8
60°	1.8
62.5°	1.8
65°	1.2
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0



TEST NUMBER: P1283170

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)