

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: P1283221

Luminaire Tested: P3AS09R35B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283221
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 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

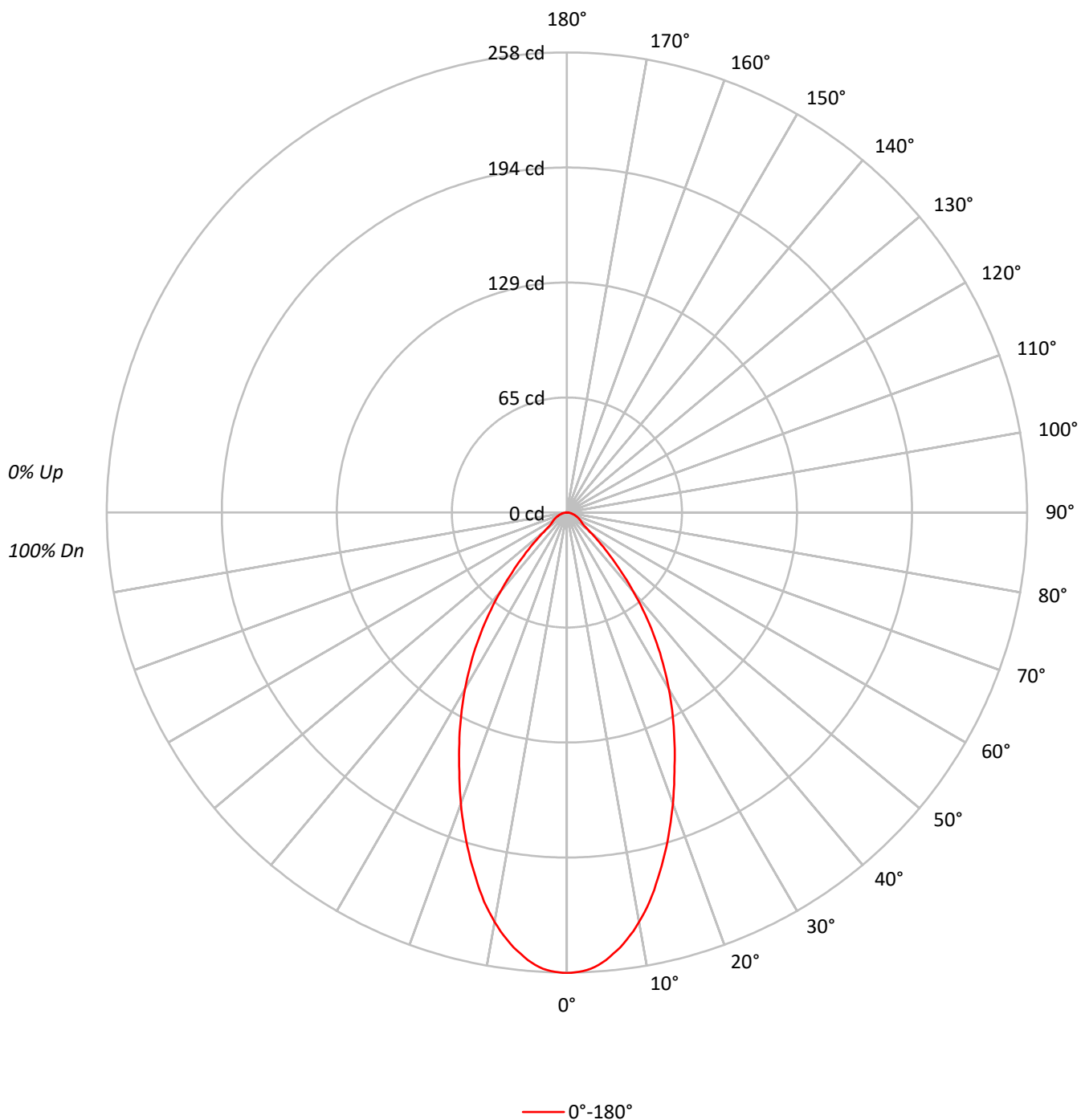
Lumens per Lamp: N/A
Luminaire Lumens: 248.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1283221

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1283221

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLD1GPH_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	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°	56640
5°	55448
10°	51925
15°	46606
20°	40557
25°	34550
30°	28941
35°	23048
40°	16660
45°	10544
50°	5765
55°	3976
60°	3772
65°	3476
70°	3334
75°	2881
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10544 cd/sqm

TEST NUMBER: P1283221

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.4	9.5
10°-20°	57.1	23.0
20°-30°	65.5	26.4
30°-40°	53.4	21.5
40°-50°	26.9	10.9
50°-60°	10.0	4.0
60°-70°	6.7	2.7
70°-80°	3.7	1.5
80°-90°	1.1	0.4
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°	146.1	58.9
0°-40°	199.5	80.4
0°-60°	236.5	95.3
0°-90°	248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	248.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	258	
5°	252	23
15°	205	57
25°	143	65
35°	86	53
45°	34	27
55°	10	10
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1283221

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	258.3
1°	258.0
2°	257.4
3°	256.2
4°	254.4
5°	251.9
6°	248.8
7°	245.8
8°	241.8
9°	237.8
10°	233.2
11°	228.3
12°	223.1
13°	217.3
14°	211.2
15°	205.3
17.5°	189.7
20°	173.8
22.5°	157.5
25°	142.8
27.5°	128.4
30°	114.3
32.5°	100.2
35°	86.1
37.5°	72.0
40°	58.2
42.5°	45.4
45°	34.0
47.5°	24.5
50°	16.9
52.5°	12.3
55°	10.4
57.5°	9.5
60°	8.6
62.5°	7.7
65°	6.7
67.5°	5.8
70°	5.2
72.5°	4.3
75°	3.4
77.5°	2.8
80°	2.1
82.5°	1.5
85°	0.9
87.5°	0.6



TEST NUMBER: P1283221

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)