

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: P1283190

Luminaire Tested: P3AS09R35B2750DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283190
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 E3DL1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

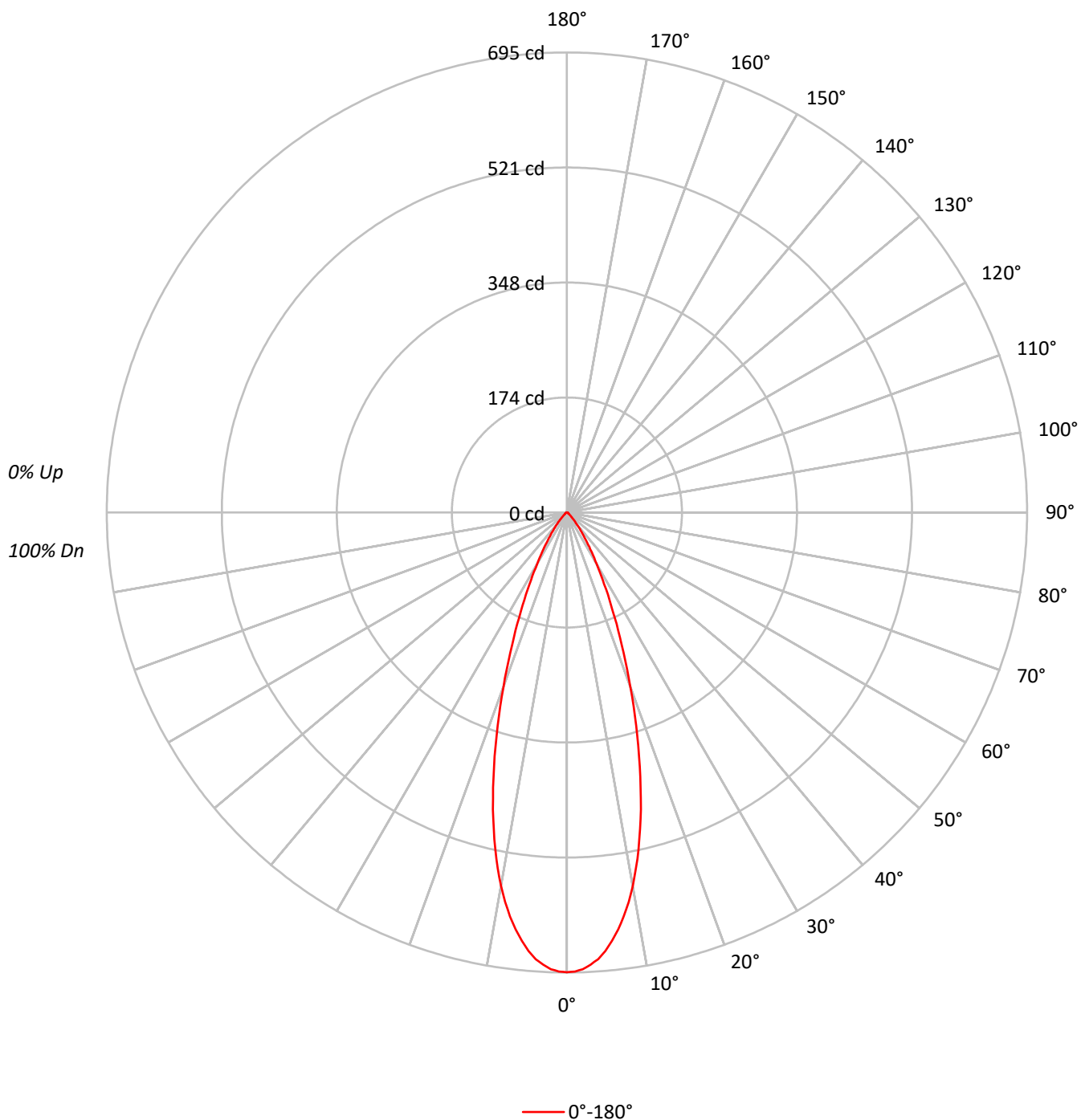
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1283190

CATALOG NUMBER: P3AS09R35B2750DE010 E3DL1GPH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1283190

CATALOG NUMBER: P3AS09R35B2750DE010 E3DL1GPH_4000K

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	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°	152312
5°	146379
10°	127542
15°	97685
20°	65362
25°	39559
30°	22687
35°	12689
40°	6756
45°	3473
50°	1672
55°	1300
60°	1272
65°	1038
70°	1090
75°	932
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3473 cd/sqm

TEST NUMBER: P1283190

CATALOG NUMBER: P3AS09R35B2750DE010 E3DL1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.5	20.0
10°-20°	117.3	38.8
20°-30°	76.8	25.4
30°-40°	31.1	10.3
40°-50°	9.4	3.1
50°-60°	3.2	1.0
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.4	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°	254.5	84.3
0°-40°	285.7	94.6
0°-60°	298.2	98.7
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	695	
5°	665	61
15°	430	117
25°	164	77
35°	47	31
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1283190

CATALOG NUMBER: P3AS09R35B2750DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	694.6
1°	693.5
2°	690.3
3°	684.0
4°	676.5
5°	665.0
6°	650.7
7°	634.6
8°	616.5
9°	595.8
10°	572.8
11°	547.2
12°	520.5
13°	490.7
14°	462.2
15°	430.3
17.5°	353.1
20°	280.1
22.5°	215.5
25°	163.5
27.5°	121.8
30°	89.6
32.5°	65.8
35°	47.4
37.5°	33.6
40°	23.6
42.5°	16.4
45°	11.2
47.5°	7.5
50°	4.9
52.5°	3.7
55°	3.4
57.5°	3.2
60°	2.9
62.5°	2.6
65°	2.0
67.5°	1.7
70°	1.7
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3



TEST NUMBER: P1283190

CATALOG NUMBER: P3AS09R35B2750DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)