

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: P1283248

Luminaire Tested: P3AS09R35B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283248
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

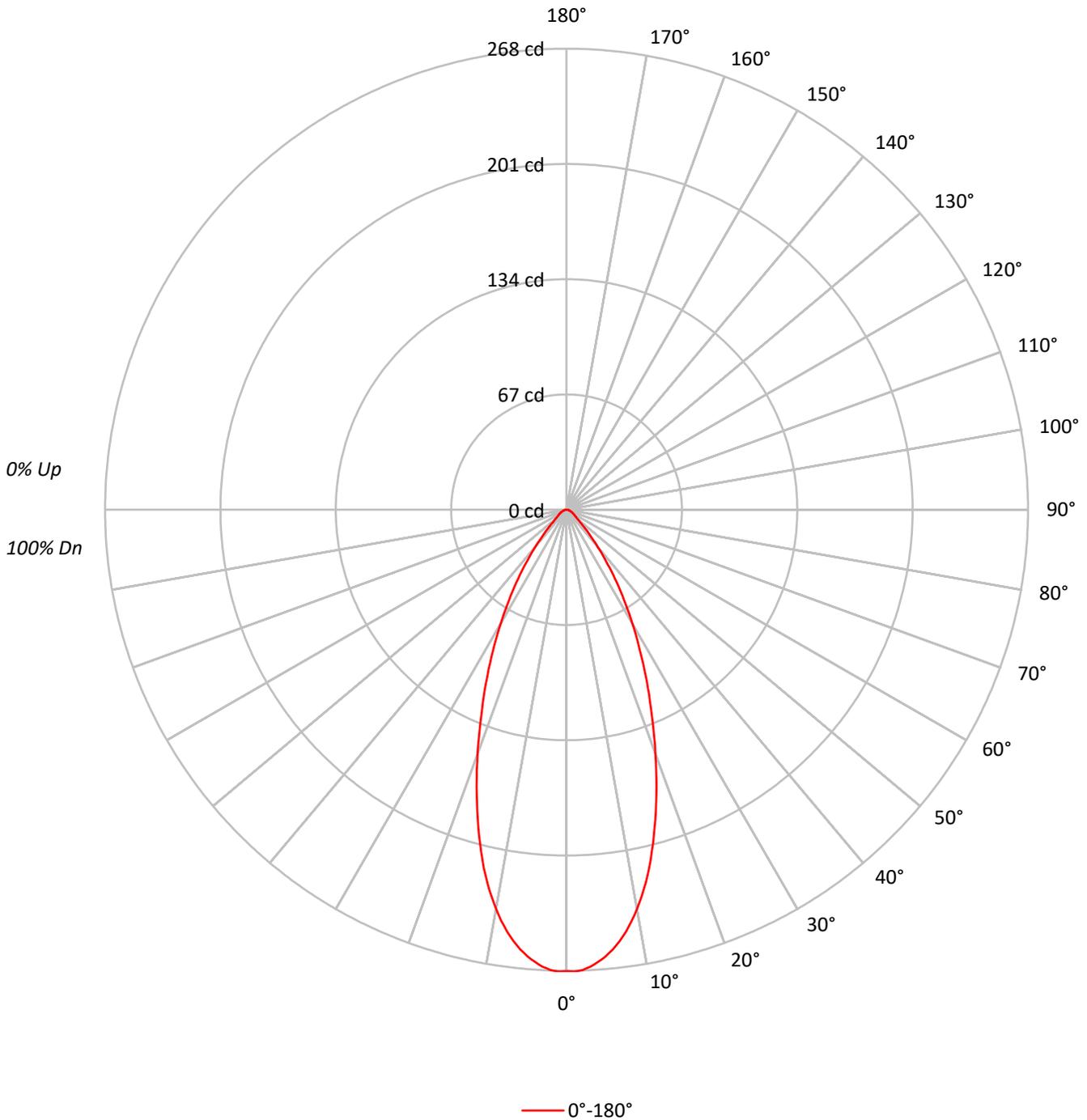
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 14.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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: P1283248
CATALOG NUMBER: P3AS09R35B2750DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1283248

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLP1GPH_3000K

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	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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58811
5°	57363
10°	52460
15°	44518
20°	35236
25°	26663
30°	19395
35°	13117
40°	8072
45°	4621
50°	2797
55°	2256
60°	1974
65°	1764
70°	1475
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4621 cd/sqm



TEST NUMBER: P1283248

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	13.2
10°-20°	54.1	29.5
20°-30°	50.6	27.6
30°-40°	31.0	16.9
40°-50°	12.2	6.7
50°-60°	5.4	2.9
60°-70°	3.3	1.8
70°-80°	1.8	1.0
80°-90°	0.6	0.3
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°	128.7	70.3
0°-40°	159.7	87.3
0°-60°	177.3	96.9
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	268	
5°	261	24
15°	196	54
25°	110	51
35°	49	31
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1283248

CATALOG NUMBER: P3AS09R35B2750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	268.2
1°	268.5
2°	267.7
3°	266.0
4°	263.5
5°	260.6
6°	257.0
7°	252.7
8°	247.7
9°	242.0
10°	235.6
11°	228.8
12°	221.5
13°	213.6
14°	204.8
15°	196.1
17.5°	173.6
20°	151.0
22.5°	129.3
25°	110.2
27.5°	92.4
30°	76.6
32.5°	62.0
35°	49.0
37.5°	37.5
40°	28.2
42.5°	20.3
45°	14.9
47.5°	10.7
50°	8.2
52.5°	6.8
55°	5.9
57.5°	5.1
60°	4.5
62.5°	3.9
65°	3.4
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3



TEST NUMBER: P1283248
CATALOG NUMBER: P3AS09R35B2750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)