

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: P1281501

Luminaire Tested: P3AS05R35B2750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281501
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: P3AS05R35B2750DE010 E3DLD1H_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

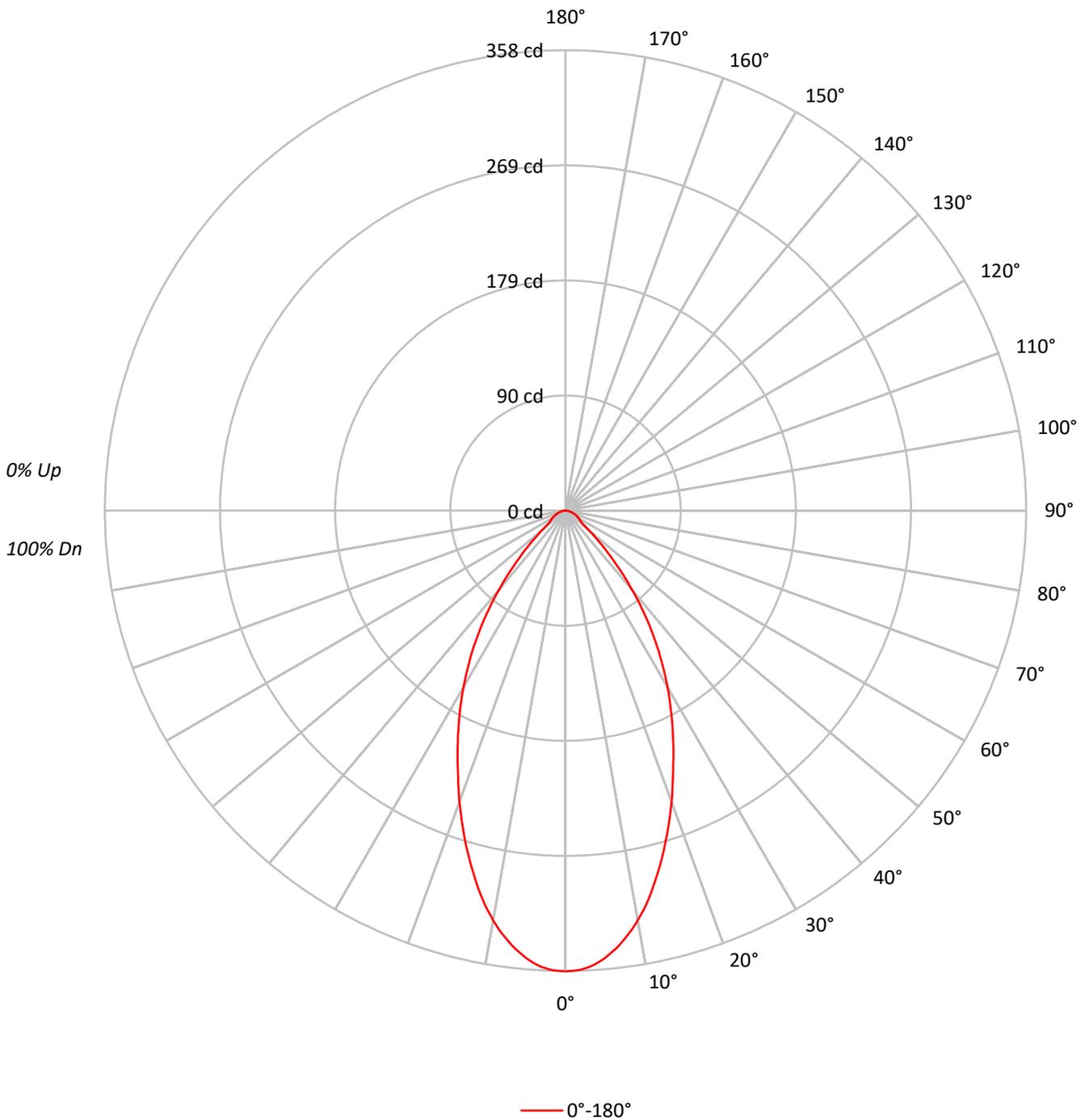
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 344.1 lumens
Efficiency: N/A
Efficacy: 58.3 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): 5.9
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: P1281501
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLD1H_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281501
 CATALOG NUMBER: P3AS05R35B2750DE010 E3DLD1H_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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78590
5°	76909
10°	72032
15°	64654
20°	56238
25°	47930
30°	40158
35°	31989
40°	23129
45°	14637
50°	7983
55°	5543
60°	5219
65°	4877
70°	4616
75°	3982
80°	3788
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14637 cd/sqm



TEST NUMBER: P1281501
 CATALOG NUMBER: P3AS05R35B2750DE010 E3DLD1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	9.5
10°-20°	79.3	23.0
20°-30°	90.8	26.4
30°-40°	74.1	21.5
40°-50°	37.4	10.9
50°-60°	13.9	4.0
60°-70°	9.3	2.7
70°-80°	5.2	1.5
80°-90°	1.6	0.5
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°	202.6	58.9
0°-40°	276.7	80.4
0°-60°	328.0	95.3
0°-90°	344.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	344.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	358	
5°	349	33
15°	285	79
25°	198	91
35°	120	74
45°	47	37
55°	14	14
65°	9	9
75°	5	5
85°	1	2
90°	0	



TEST NUMBER: P1281501
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLD1H_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	358.4
1°	357.9
2°	357.1
3°	355.4
4°	352.8
5°	349.4
6°	345.2
7°	340.9
8°	335.4
9°	329.9
10°	323.5
11°	316.7
12°	309.5
13°	301.4
14°	292.9
15°	284.8
17.5°	263.1
20°	241.0
22.5°	218.5
25°	198.1
27.5°	178.1
30°	158.6
32.5°	139.0
35°	119.5
37.5°	99.9
40°	80.8
42.5°	62.9
45°	47.2
47.5°	34.0
50°	23.4
52.5°	17.0
55°	14.5
57.5°	13.2
60°	11.9
62.5°	10.6
65°	9.4
67.5°	8.1
70°	7.2
72.5°	6.0
75°	4.7
77.5°	3.8
80°	3.0
82.5°	2.1
85°	1.3
87.5°	0.9



TEST NUMBER: P1281501
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLD1H_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)