

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: P1281523

Luminaire Tested: P3AS05R35B2750DE010 E3DLP1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

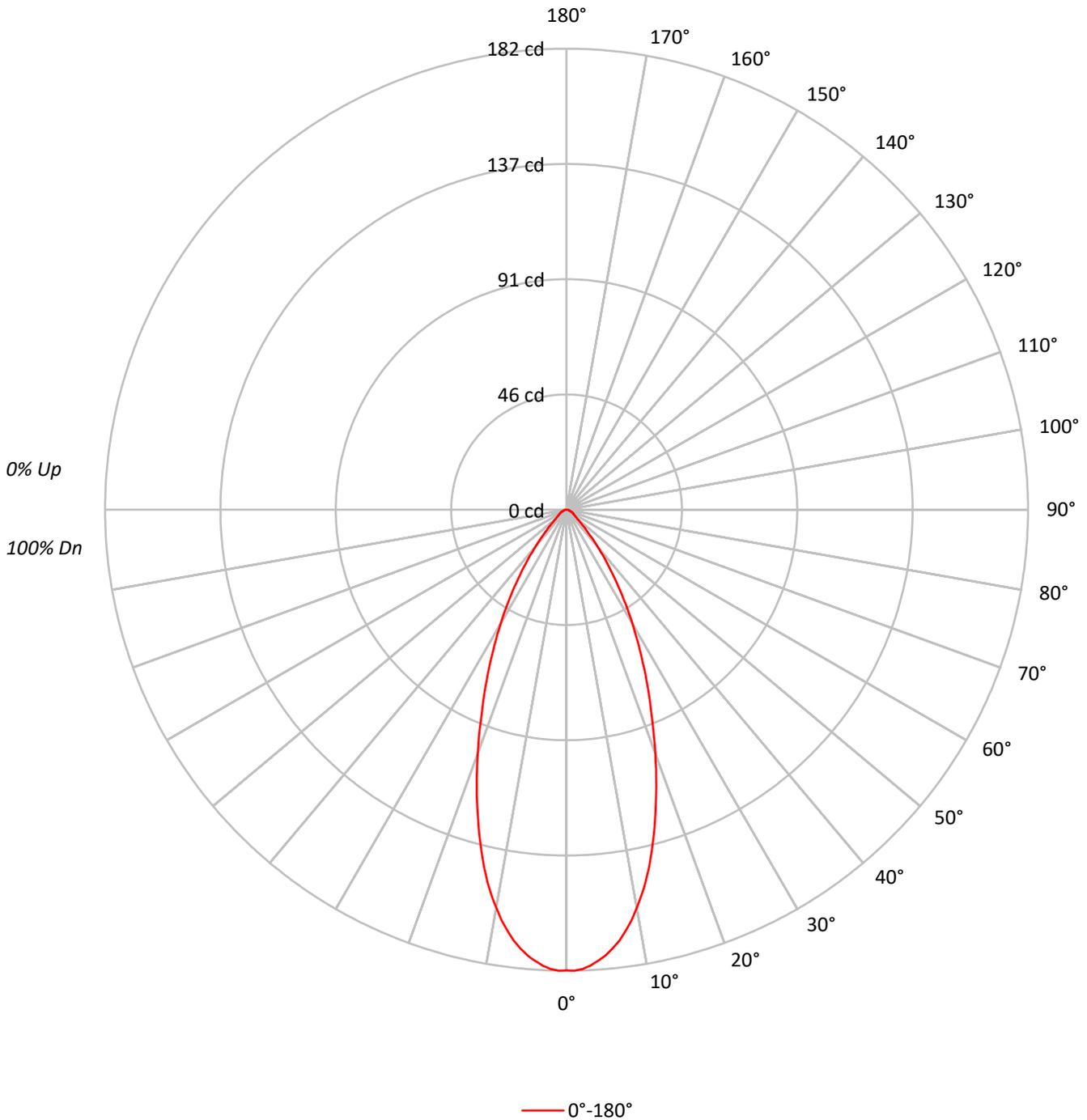
Test Method: LM-79-2019  
Report Number: P1281523  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R35B2750DE010 E3DLP1GPH\_3000K  
Description: 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: 124.0 lumens  
Efficiency: N/A  
Efficacy: 21.0 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): 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: P1281523  
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLP1GPH\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1281523

CATALOG NUMBER: P3AS05R35B2750DE010 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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	87	87	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	62	62	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	55	55	55	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	39865
5°	38873
10°	35537
15°	30170
20°	23872
25°	18074
30°	13141
35°	8887
40°	5467
45°	3132
50°	1876
55°	1529
60°	1360
65°	1193
70°	962
75°	932
80°	1010
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3132 cd/sqm



TEST NUMBER: P1281523

CATALOG NUMBER: P3AS05R35B2750DE010 E3DLP1GPH\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	16.3	13.2
10°-20°	36.6	29.5
20°-30°	34.3	27.6
30°-40°	21.0	16.9
40°-50°	8.3	6.7
50°-60°	3.6	2.9
60°-70°	2.3	1.8
70°-80°	1.2	1.0
80°-90°	0.4	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°	87.2	70.3
0°-40°	108.2	87.3
0°-60°	120.1	96.8
0°-90°	124.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	124.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	182	
5°	177	16
15°	133	37
25°	75	34
35°	33	21
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1281523  
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLP1GPH\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	181.8
1°	182.0
2°	181.4
3°	180.2
4°	178.5
5°	176.6
6°	174.1
7°	171.3
8°	167.8
9°	164.0
10°	159.6
11°	155.0
12°	150.1
13°	144.7
14°	138.8
15°	132.9
17.5°	117.6
20°	102.3
22.5°	87.6
25°	74.7
27.5°	62.6
30°	51.9
32.5°	42.0
35°	33.2
37.5°	25.4
40°	19.1
42.5°	13.7
45°	10.1
47.5°	7.3
50°	5.5
52.5°	4.6
55°	4.0
57.5°	3.4
60°	3.1
62.5°	2.7
65°	2.3
67.5°	1.9
70°	1.5
72.5°	1.3
75°	1.1
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2



TEST NUMBER: P1281523  
CATALOG NUMBER: P3AS05R35B2750DE010 E3DLP1GPH\_3000K

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)