

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: P1284972

Luminaire Tested: P3AS13R35B2750DE010 E3DLP1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

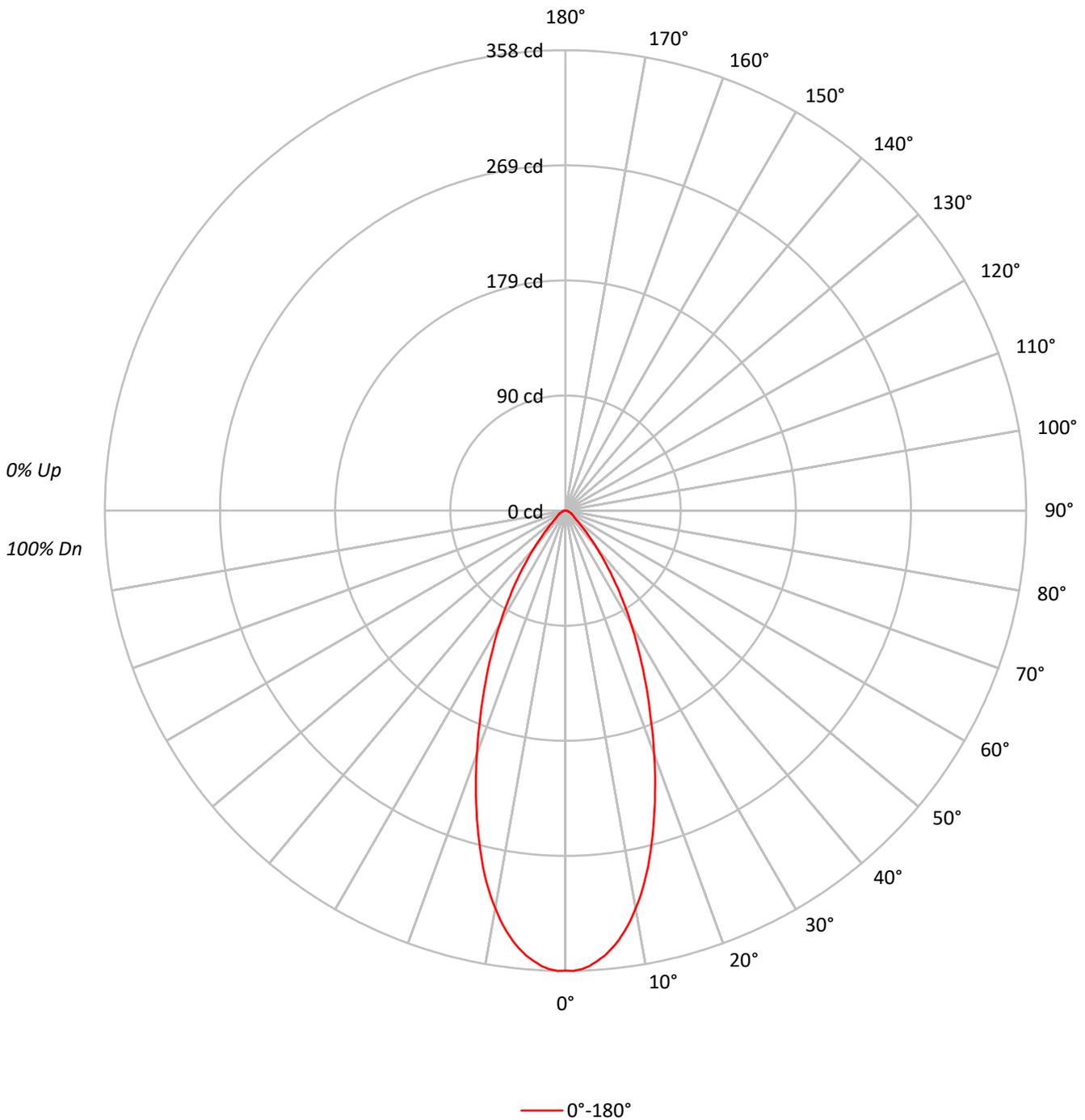
Test Method: LM-79-2019  
Report Number: P1284972  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R35B2750DE010 E3DLP1GPH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 244.1 lumens  
Efficiency: N/A  
Efficacy: 12.8 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): 19.1  
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

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### Luminous Intensity Polar Plot





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

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

	0°
0°	78437
5°	76491
10°	69939
15°	59365
20°	46997
25°	35542
30°	25877
35°	17507
40°	10763
45°	6171
50°	3718
55°	3020
60°	2631
65°	2335
70°	1923
75°	1949
80°	1894
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6171 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.1	13.2
10°-20°	72.1	29.5
20°-30°	67.4	27.6
30°-40°	41.3	16.9
40°-50°	16.3	6.7
50°-60°	7.2	2.9
60°-70°	4.5	1.8
70°-80°	2.4	1.0
80°-90°	0.8	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°	171.6	70.3
0°-40°	212.9	87.2
0°-60°	236.4	96.8
0°-90°	244.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	244.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	358	
5°	348	32
15°	262	72
25°	147	67
35°	65	41
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	357.7
1°	358.0
2°	356.9
3°	354.7
4°	351.3
5°	347.5
6°	342.6
7°	337.0
8°	330.2
9°	322.7
10°	314.1
11°	305.1
12°	295.3
13°	284.8
14°	273.1
15°	261.5
17.5°	231.4
20°	201.4
22.5°	172.4
25°	146.9
27.5°	123.2
30°	102.2
32.5°	82.7
35°	65.4
37.5°	50.0
40°	37.6
42.5°	27.1
45°	19.9
47.5°	14.3
50°	10.9
52.5°	9.0
55°	7.9
57.5°	6.8
60°	6.0
62.5°	5.3
65°	4.5
67.5°	3.8
70°	3.0
72.5°	2.6
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)