

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: P1285105

Luminaire Tested: P3AS13R40B2750DE010 E3DLD1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

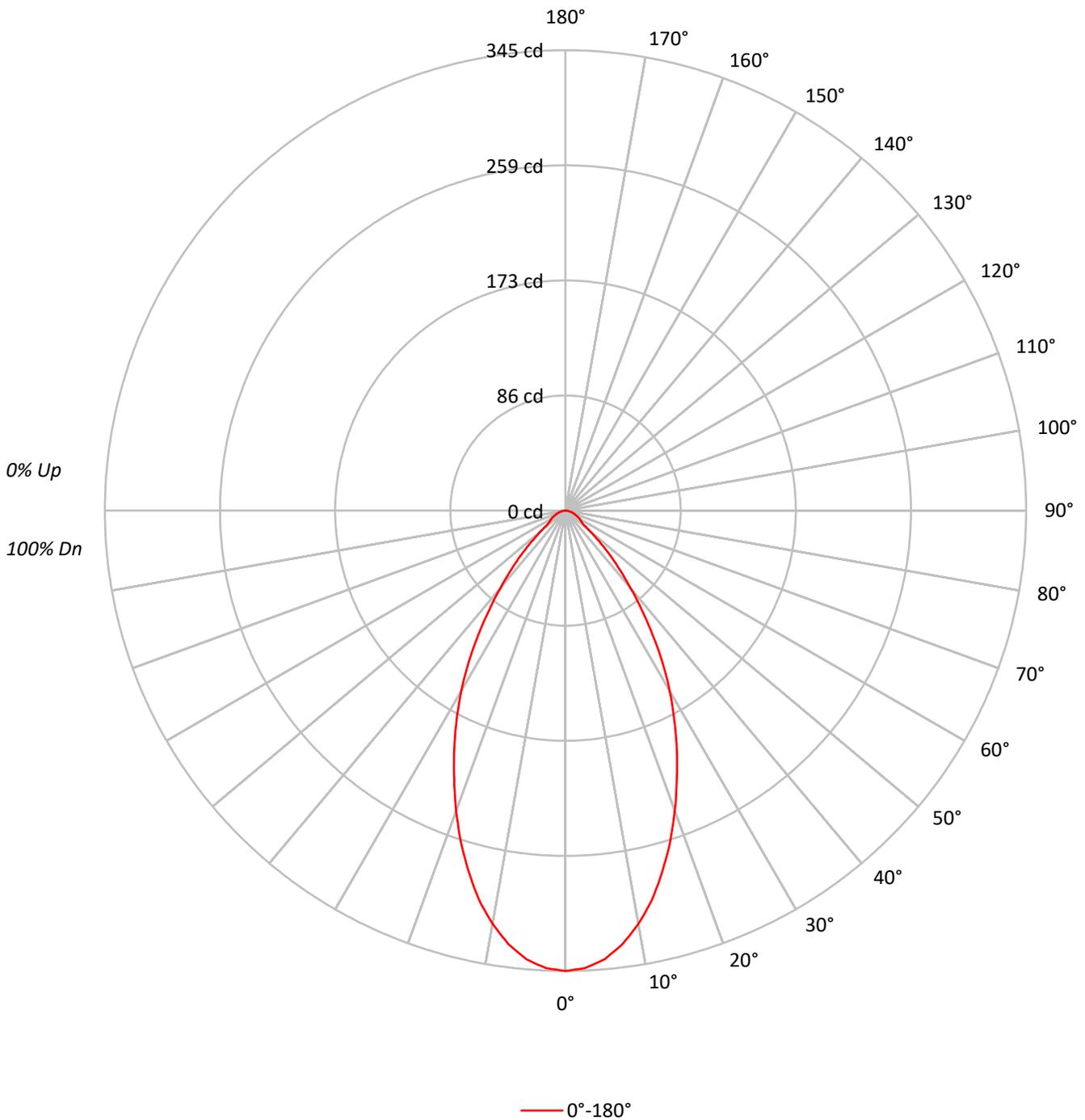
Test Method: LM-79-2019  
Report Number: P1285105  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R40B2750DE010 E3DLD1GPH\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 337.0 lumens  
Efficiency: N/A  
Efficacy: 17.6 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
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

TEST NUMBER: P1285105  
CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1GPH\_4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1285105  
 CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1GPH\_4000K

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

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

	0°
0°	75652
5°	74268
10°	70005
15°	63587
20°	55865
25°	47712
30°	39525
35°	30490
40°	21698
45°	14606
50°	7983
55°	5620
60°	5307
65°	4877
70°	4360
75°	4151
80°	3283
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14606 cd/sqm



TEST NUMBER: P1285105  
 CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1GPH\_4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.5	9.3
10°-20°	78.0	23.2
20°-30°	90.2	26.8
30°-40°	71.1	21.1
40°-50°	36.5	10.8
50°-60°	14.0	4.1
60°-70°	9.2	2.7
70°-80°	5.0	1.5
80°-90°	1.5	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°	199.7	59.3
0°-40°	270.8	80.4
0°-60°	321.3	95.3
0°-90°	337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	337.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	345	
5°	337	31
15°	280	78
25°	197	90
35°	114	71
45°	47	36
55°	15	14
65°	9	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1285105  
CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1GPH\_4000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	345.0
2.5°	343.1
5°	337.4
7.5°	327.6
10°	314.4
12.5°	299.0
15°	280.1
17.5°	260.5
20°	239.4
22.5°	217.9
25°	197.2
27.5°	176.5
30°	156.1
32.5°	135.4
35°	113.9
37.5°	93.9
40°	75.8
42.5°	60.3
45°	47.1
47.5°	34.3
50°	23.4
52.5°	17.0
55°	14.7
57.5°	13.2
60°	12.1
62.5°	10.6
65°	9.4
67.5°	7.9
70°	6.8
72.5°	5.7
75°	4.9
77.5°	3.8
80°	2.6
82.5°	2.3
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)