

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: P1285626

Luminaire Tested: P3AS13R60B2750DE010 E3D1WH\_5000K

Issue Date: 1/29/2026

**Test Information**

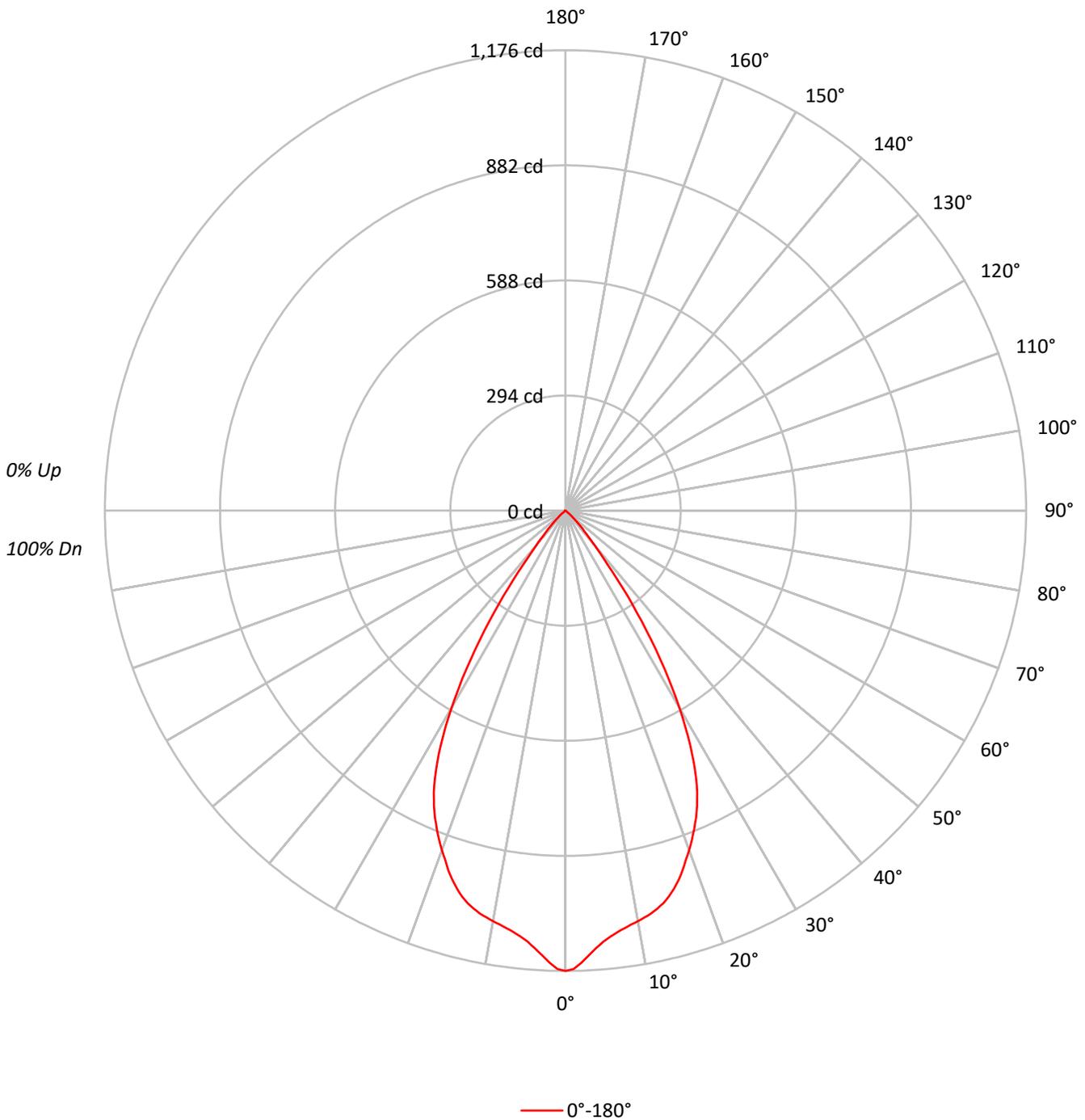
Test Method: LM-79-2019  
Report Number: P1285626  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R60B2750DE010 E3D1WH\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 984.0 lumens  
Efficiency: N/A  
Efficacy: 51.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 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

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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			
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82			
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77			
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72			
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67			
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63			
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59			
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56			
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53			

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

	0°
0°	257830
5°	243385
10°	237070
15°	231647
20°	215385
25°	192543
30°	147061
35°	84912
40°	32947
45°	13738
50°	3036
55°	459
60°	351
65°	208
70°	256
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13738 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	104.4	10.6
10°-20°	284.2	28.9
20°-30°	356.0	36.2
30°-40°	199.0	20.2
40°-50°	37.8	3.8
50°-60°	1.9	0.2
60°-70°	0.4	0.0
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	744.6	75.7
0°-40°	943.6	95.9
0°-60°	983.4	99.9
0°-90°	984.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	984.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1176	
5°	1106	104
15°	1020	284
25°	796	356
35°	317	199
45°	44	38
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1175.8
1°	1170.9
2°	1155.6
3°	1137.5
4°	1120.6
5°	1105.7
6°	1094.5
7°	1084.8
8°	1077.5
9°	1070.7
10°	1064.7
11°	1058.6
12°	1051.8
13°	1043.3
14°	1033.3
15°	1020.4
16°	1004.7
17°	987.0
18°	966.9
19°	943.9
20°	923.0
21°	900.4
22°	877.1
23°	852.5
24°	825.6
25°	795.8
26°	760.8
27°	721.7
28°	677.8
29°	631.2
30°	580.8
31°	530.1
32°	477.8
32.5°	449.2
33°	423.5
34°	369.9
35°	317.2
36°	269.7
37°	219.4
37.5°	196.4
38°	173.9
39°	140.1
40°	115.1
42.5°	70.0
45°	44.3



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	24.6
50°	8.9
52.5°	2.0
55°	1.2
57.5°	0.8
60°	0.8
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)