

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: P1283110

Luminaire Tested: P3AS09R30B2750DE010 E3DLP1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

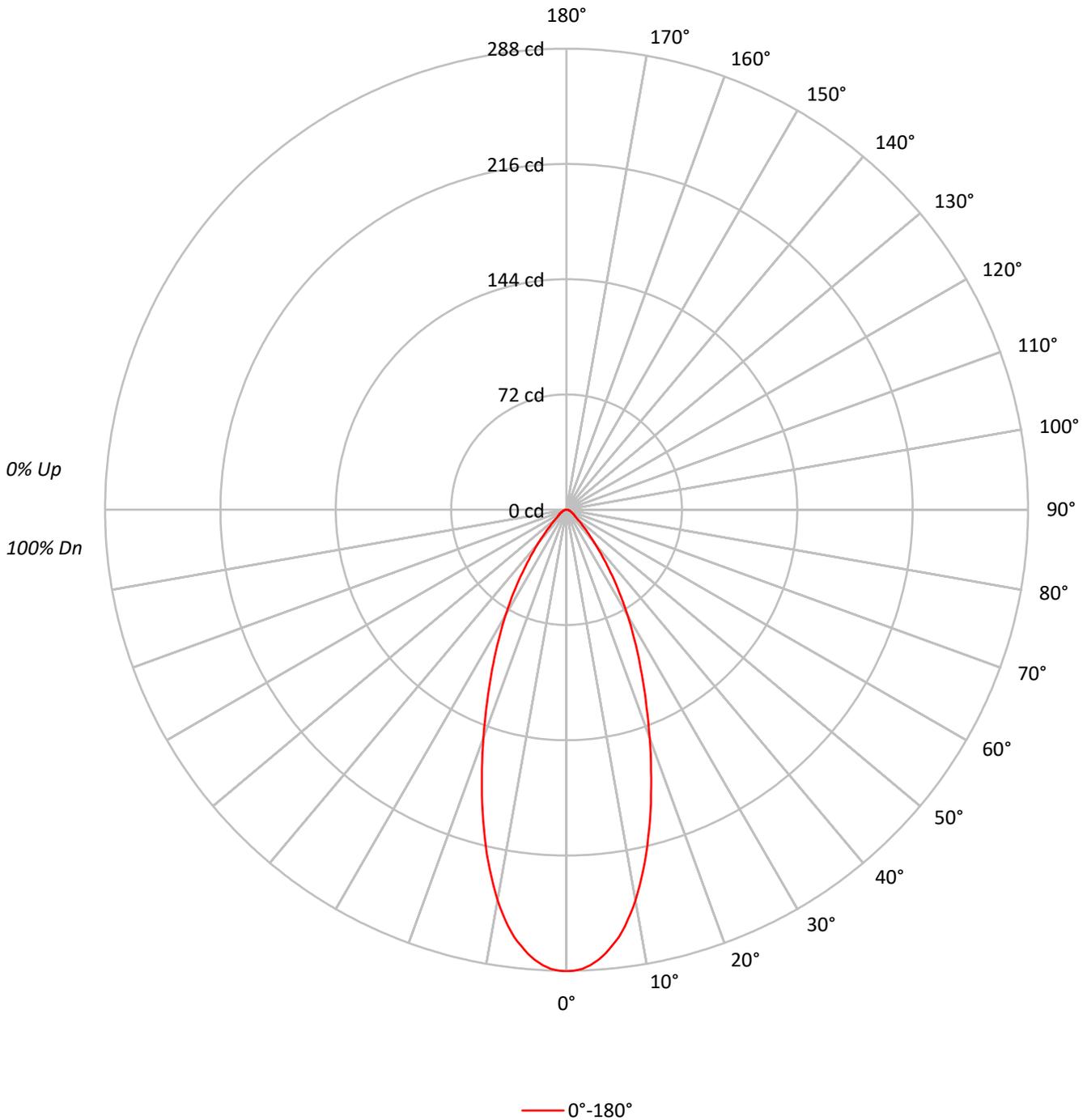
Test Method: LM-79-2019  
Report Number: P1283110  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30B2750DE010 E3DLP1GPH\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 185.0 lumens  
Efficiency: N/A  
Efficacy: 14.1 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			

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

	0°
0°	63219
5°	61259
10°	55176
15°	45653
20°	35353
25°	26518
30°	19243
35°	12822
40°	7872
45°	4621
50°	2831
55°	2294
60°	2017
65°	1660
70°	1475
75°	1440
80°	1137
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4621 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.6	13.8
10°-20°	55.4	29.9
20°-30°	50.4	27.2
30°-40°	30.5	16.5
40°-50°	12.2	6.6
50°-60°	5.4	2.9
60°-70°	3.3	1.8
70°-80°	1.8	1.0
80°-90°	0.5	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°	131.4	71.0
0°-40°	161.8	87.5
0°-60°	179.5	97.0
0°-90°	185.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	185.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	288	
5°	278	26
15°	201	55
25°	110	50
35°	48	30
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	288.3
1°	288.0
2°	286.9
3°	284.9
4°	282.0
5°	278.3
6°	273.7
7°	268.8
8°	262.5
9°	255.3
10°	247.8
11°	239.2
12°	230.1
13°	220.9
14°	210.8
15°	201.1
17.5°	175.6
20°	151.5
22.5°	129.1
25°	109.6
27.5°	91.8
30°	76.0
32.5°	61.4
35°	47.9
37.5°	36.7
40°	27.5
42.5°	20.1
45°	14.9
47.5°	11.2
50°	8.3
52.5°	6.6
55°	6.0
57.5°	5.2
60°	4.6
62.5°	3.7
65°	3.2
67.5°	2.9
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	0.9
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)