

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: P1304888

Luminaire Tested: P3RT02R60B2750DE010 E3CBUS1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

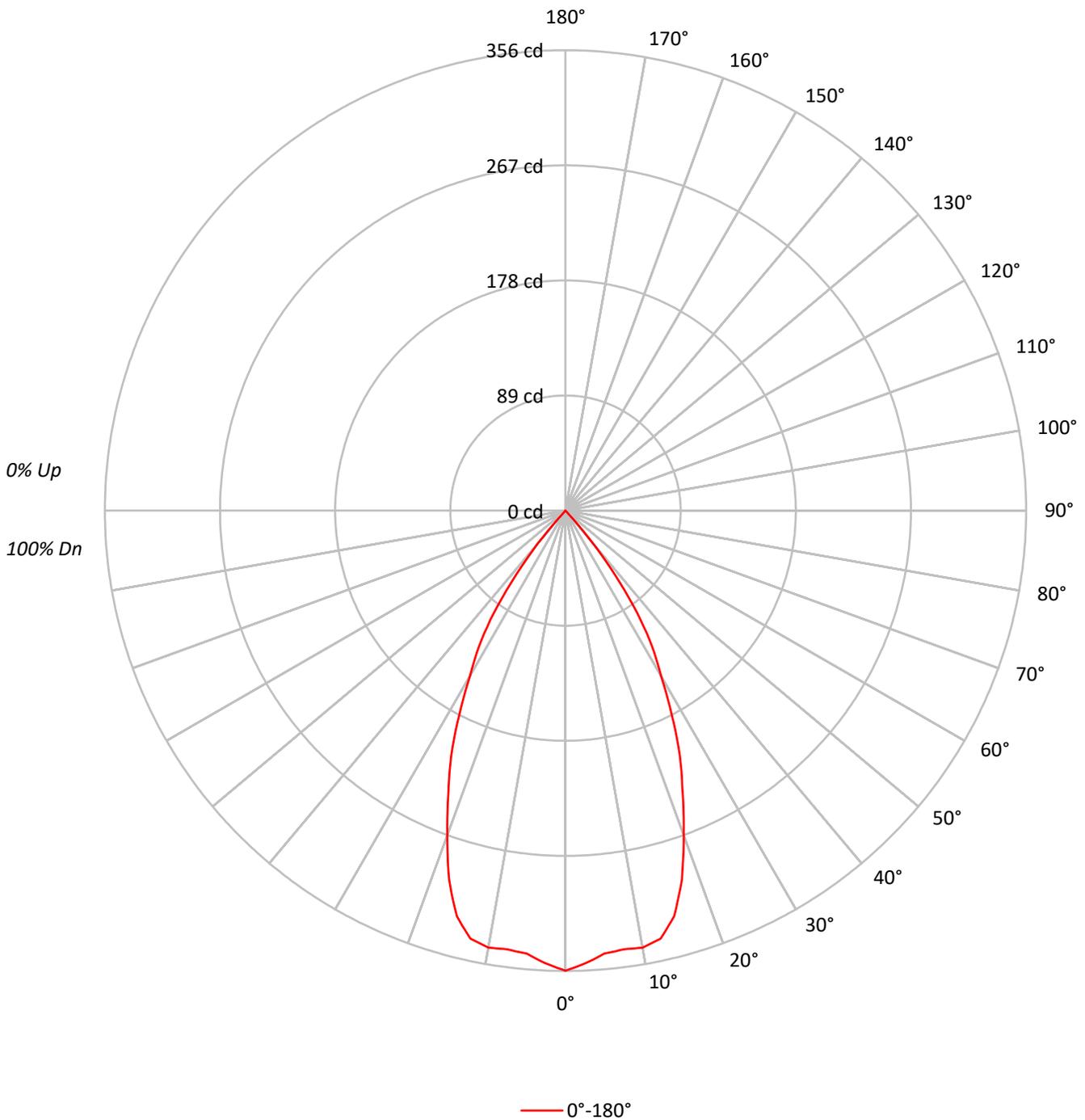
Test Method: LM-79-2019  
Report Number: P1304888  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT02R60B2750DE010 E3CBUS1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 277.0 lumens  
Efficiency: N/A  
Efficacy: 95.5 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 2.9  
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

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	89				89
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83				83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78				78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73				73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69				69
7	86	77	71	68	85	76	71	67	75	70	67	74	70	67	73	69	66	65				65
8	82	73	67	63	81	72	67	63	71	67	63	70	66	63	69	66	63	61				61
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	58				58
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	55				55

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

	0°
0°	78020
5°	75699
10°	76396
15°	73689
20°	62352
25°	50640
30°	37423
35°	25966
40°	9303
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.9	11.9
10°-20°	88.7	32.0
20°-30°	94.6	34.1
30°-40°	57.4	20.7
40°-50°	3.4	1.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	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°	216.2	78.0
0°-40°	273.6	98.8
0°-60°	277.0	100.0
0°-90°	277.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	277.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	356	
5°	344	33
15°	325	89
25°	209	95
35°	97	57
45°	0	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	355.8
2.5°	350.5
5°	343.9
7.5°	342.2
10°	343.1
12.5°	339.1
15°	324.6
17.5°	299.2
20°	267.2
22.5°	236.5
25°	209.3
27.5°	177.7
30°	147.8
32.5°	124.6
35°	97.0
37.5°	63.2
40°	32.5
42.5°	2.6
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
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)