

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: P1304952

Luminaire Tested: P3RT05R60B2750DE010 E3CBUS1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

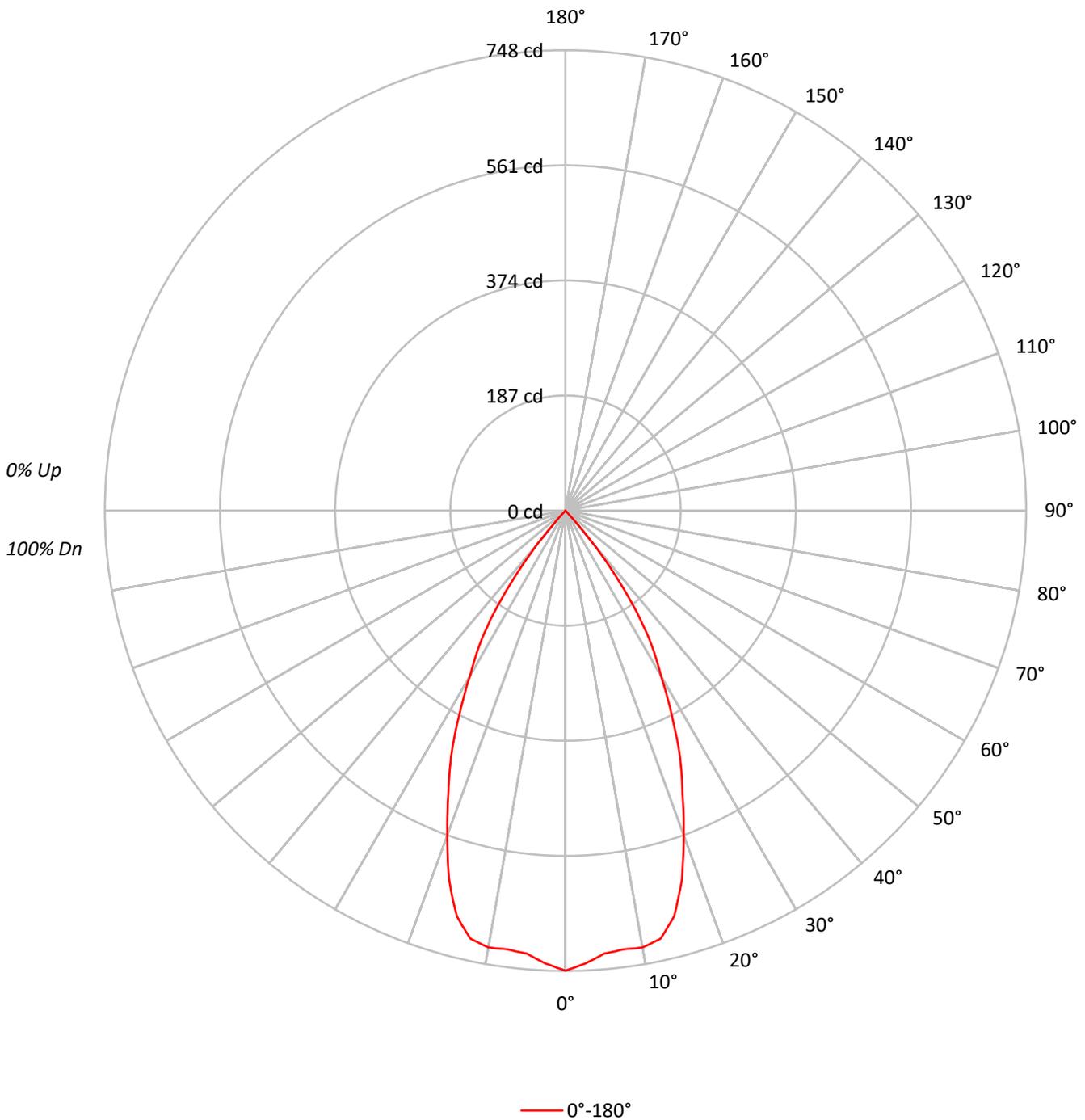
Test Method: LM-79-2019  
Report Number: P1304952  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3RT05R60B2750DE010 E3CBUS1MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 582.0 lumens  
Efficiency: N/A  
Efficacy: 98.6 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): 5.9  
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				
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°	163912
5°	159057
10°	160496
15°	154848
20°	130981
25°	106385
30°	78645
35°	54529
40°	19522
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°	69.1	11.9
10°-20°	186.5	32.0
20°-30°	198.6	34.1
30°-40°	120.7	20.7
40°-50°	7.2	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°	454.1	78.0
0°-40°	574.8	98.8
0°-60°	582.0	100.0
0°-90°	582.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	582.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	748	
5°	723	69
15°	682	186
25°	440	199
35°	204	121
45°	0	7
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	747.5
2.5°	736.5
5°	722.6
7.5°	719.0
10°	720.8
12.5°	712.5
15°	682.1
17.5°	628.6
20°	561.3
22.5°	496.8
25°	439.7
27.5°	373.3
30°	310.6
32.5°	261.8
35°	203.7
37.5°	132.7
40°	68.2
42.5°	5.5
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)