

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: P1304918

Luminaire Tested: P3DUS05R30B2750DE010 E3CBUS1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

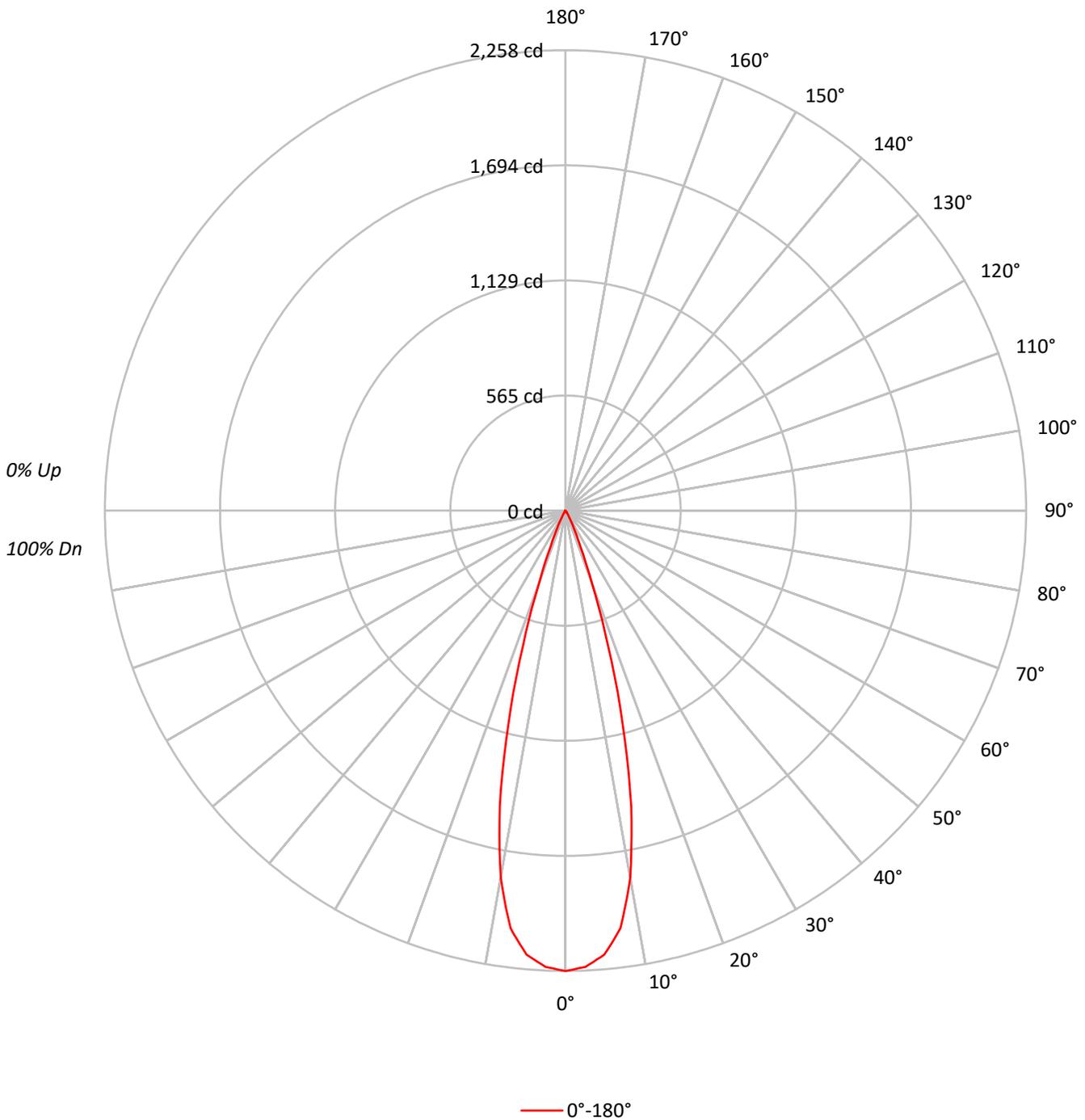
Test Method: LM-79-2019  
Report Number: P1304918  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-88)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3DUS05R30B2750DE010 E3CBUS1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 552.0 lumens  
Efficiency: N/A  
Efficacy: 93.6 lumens/watt  
Spacing Criteria (0/90/45): 0.5 / 0.5 / 0.45  
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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99		97
2	112	108	105	103	110	107	104	102	104	101	100	101	99	98	98	97	96		94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93		92
4	105	100	97	94	104	99	96	93	97	94	92	95	93	91	94	92	90		89
5	102	97	93	90	101	96	93	90	95	91	89	93	90	88	92	89	88		87
6	100	94	90	87	99	93	90	87	92	89	86	91	88	86	90	87	85		84
7	97	91	87	84	96	91	87	84	90	86	84	89	86	83	88	85	83		82
8	95	89	85	82	94	88	84	82	87	84	82	86	83	81	86	83	81		80
9	92	86	82	80	92	86	82	80	85	82	79	84	81	79	84	81	79		78
10	90	84	80	78	90	84	80	78	83	80	77	82	79	77	82	79	77		76

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

	0°
0°	495136
5°	481091
10°	407185
15°	245245
20°	88324
25°	24824
30°	6558
35°	2543
40°	973
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°	197.8	35.8
10°-20°	287.5	52.1
20°-30°	59.4	10.8
30°-40°	6.9	1.3
40°-50°	0.5	0.1
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°	544.6	98.7
0°-40°	551.5	99.9
0°-60°	552.0	100.0
0°-90°	552.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	552.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2258	
5°	2186	198
15°	1080	287
25°	103	59
35°	10	7
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2258.0
2.5°	2239.9
5°	2185.6
7.5°	2065.8
10°	1828.7
12.5°	1488.1
15°	1080.3
17.5°	691.5
20°	378.5
22.5°	189.7
25°	102.6
27.5°	56.0
30°	25.9
32.5°	15.5
35°	9.5
37.5°	6.0
40°	3.4
42.5°	0.9
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)