

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: PORTFOLIO

Report Number: P1320768

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQCDR1MMS\_4000K

Issue Date: 1/29/2026

**Test Information**

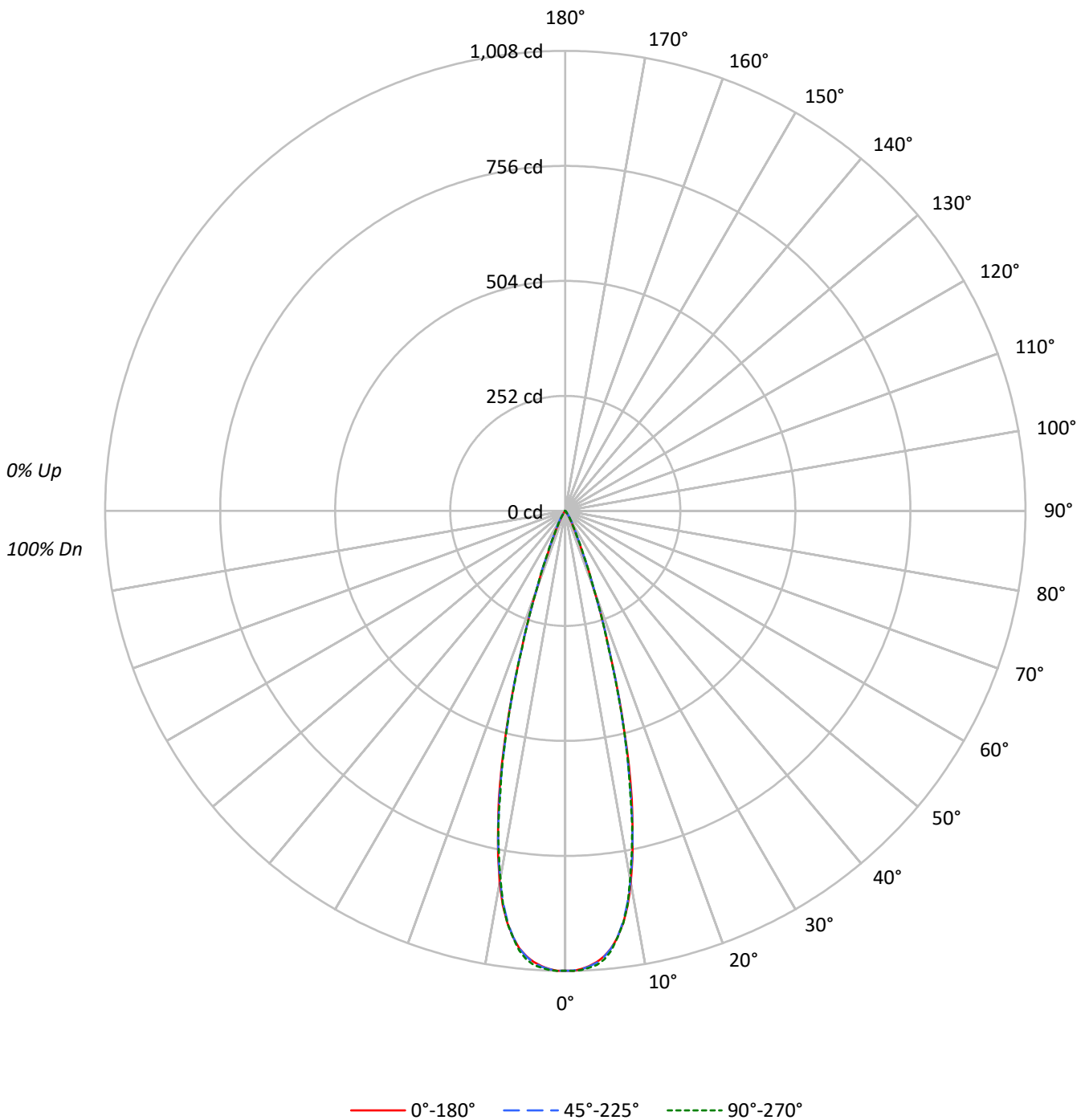
Test Method: LM-79-2019  
Report Number: P1320768  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D02R30B2750DE010 3LSQCDR1MMS\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 260.0 lumens  
Efficiency: N/A  
Efficacy: 89.7 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46  
Luminous Opening: Rectangular (W 0.25' x L: 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	
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	102	101	100	99	99	97
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83
7	96	90	86	83	95	90	86	83	89	85	83	88	85	82	87	84	82	81
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75

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

	0°	45°	90°
0°	173532	173532	173532
5°	169302	169509	170460
10°	144590	143926	143069
15°	89238	88186	88507
20°	33723	33906	33869
25°	10375	11383	10832
30°	4176	5310	4335
35°	1240	2250	1282
40°	495	899	495
45°	97	292	97
50°	0	54	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 292 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.9	34.2
10°-20°	131.6	50.6
20°-30°	32.6	12.6
30°-40°	6.1	2.4
40°-50°	0.8	0.3
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°	253.1	97.3
0°-40°	259.2	99.7
0°-60°	260.0	100.0
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1008	1008	1008	1008	1008	
5°	979	979	980	982	986	89
15°	500	496	495	498	496	132
25°	55	58	60	60	57	31
35°	6	8	11	8	6	5
45°	0	1	1	1	0	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1007.6	1007.6	1007.6	1007.6	1007.6
1°	1008.0	1007.2	1007.2	1006.0	1008.2
2°	1004.4	1003.6	1005.0	1004.0	1006.8
3°	998.9	997.9	999.9	1000.5	1002.0
4°	990.8	990.0	992.3	993.5	997.3
5°	979.3	978.9	980.5	982.1	986.0
6°	963.5	962.9	963.9	966.0	968.4
7°	940.7	939.5	940.3	940.7	941.3
8°	911.8	910.0	908.9	911.2	912.4
9°	874.6	872.5	870.3	869.5	872.3
10°	826.8	823.8	823.0	821.0	818.1
11°	771.4	769.0	768.4	764.8	763.1
12°	707.9	706.7	708.1	705.9	705.1
13°	647.1	639.4	638.4	634.1	631.9
14°	575.1	568.0	567.8	565.6	568.6
15°	500.5	495.6	494.6	498.5	496.4
17.5°	319.1	322.3	321.5	319.5	316.1
20°	184.0	181.8	185.0	185.8	184.8
22.5°	98.1	98.9	99.5	101.9	103.5
25°	54.6	58.2	59.9	59.7	57.0
27.5°	34.0	36.2	39.2	37.2	35.0
30°	21.0	22.8	26.7	23.1	21.8
32.5°	11.3	14.4	17.2	14.4	11.7
35°	5.9	7.7	10.7	7.9	6.1
37.5°	3.8	4.4	6.9	4.4	3.8
40°	2.2	2.8	4.0	2.8	2.2
42.5°	1.0	1.6	2.2	1.6	1.0
45°	0.4	0.6	1.2	0.8	0.4
47.5°	0.0	0.2	0.6	0.2	0.0
50°	0.0	0.0	0.2	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)