

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: P1320767

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQCDR1MMS_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320767
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_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 80CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

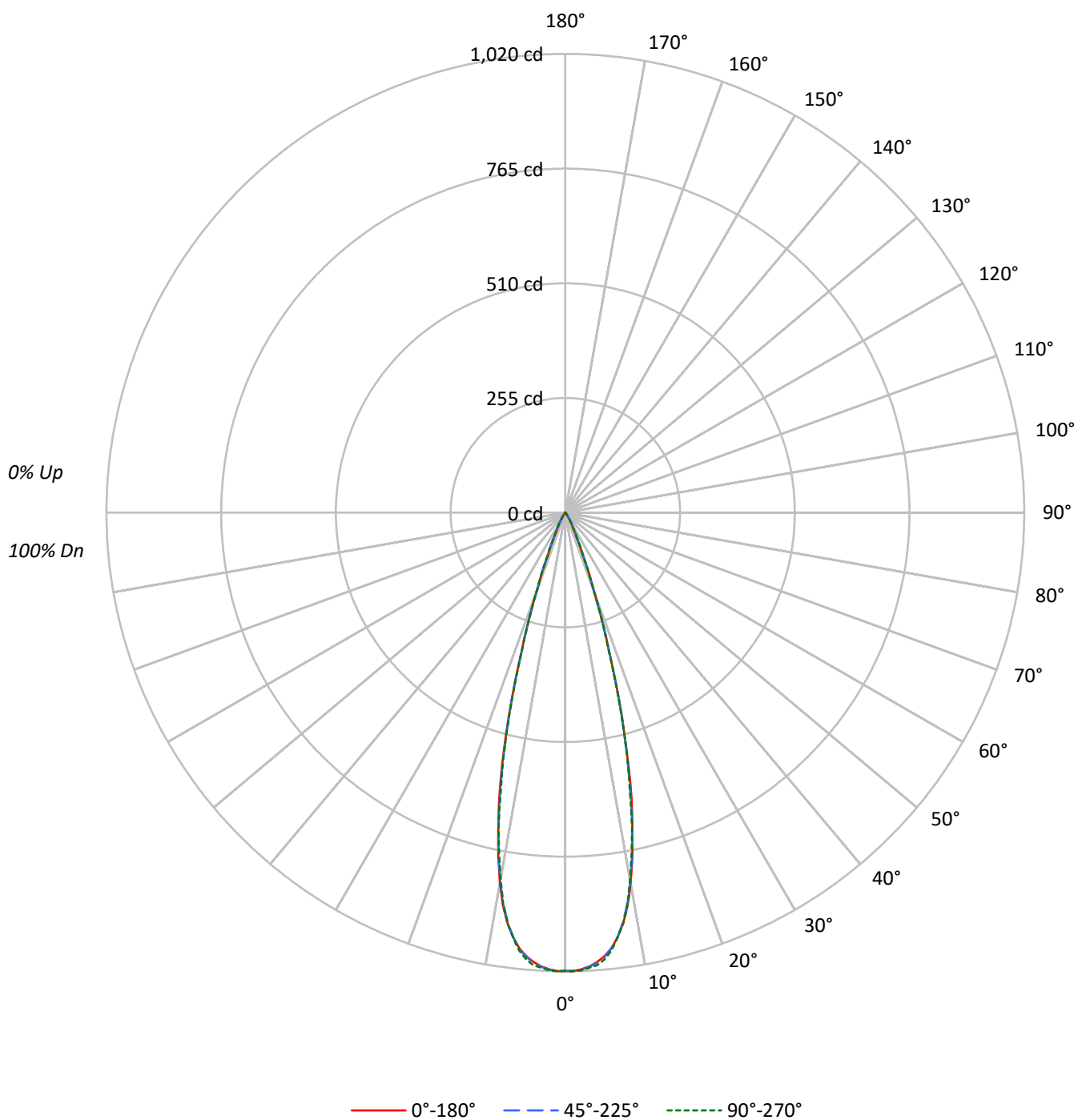
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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		87	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°	175529	175529	175529
5°	171255	171463	172431
10°	146269	145587	144730
15°	90254	89202	89541
20°	34108	34309	34273
25°	10489	11497	10965
30°	4236	5369	4395
35°	1240	2271	1282
40°	495	922	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°	89.9	34.2
10°-20°	133.1	50.6
20°-30°	33.0	12.6
30°-40°	6.2	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°	256.0	97.3
0°-40°	262.2	99.7
0°-60°	263.0	100.0
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1019	1019	1019	1019	1019	
5°	991	990	992	994	997	90
15°	506	501	500	504	502	134
25°	55	59	60	60	58	32
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1019.2	1019.2	1019.2	1019.2	1019.2
1°	1019.7	1018.8	1018.8	1017.6	1019.9
2°	1016.0	1015.2	1016.6	1015.6	1018.4
3°	1010.5	1009.4	1011.5	1012.1	1013.5
4°	1002.3	1001.5	1003.7	1004.9	1008.8
5°	990.6	990.2	991.8	993.5	997.4
6°	974.7	974.0	975.1	977.1	979.6
7°	951.5	950.3	951.1	951.5	952.2
8°	922.3	920.5	919.4	921.7	922.9
9°	884.7	882.6	880.4	879.5	882.4
10°	836.4	833.3	832.5	830.5	827.6
11°	780.3	777.9	777.3	773.6	772.0
12°	716.1	714.9	716.3	714.1	713.2
13°	654.5	646.8	645.7	641.5	639.2
14°	581.7	574.6	574.4	572.1	575.2
15°	506.2	501.3	500.3	504.2	502.2
17.5°	322.8	326.0	325.2	323.2	319.7
20°	186.1	183.9	187.2	188.0	187.0
22.5°	99.2	100.0	100.6	103.1	104.7
25°	55.2	58.9	60.5	60.3	57.7
27.5°	34.4	36.6	39.7	37.6	35.4
30°	21.3	23.1	27.0	23.3	22.1
32.5°	11.5	14.5	17.4	14.5	11.9
35°	5.9	7.8	10.8	8.0	6.1
37.5°	3.9	4.5	7.0	4.5	3.9
40°	2.2	2.9	4.1	2.9	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)