

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: P1320811

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320811
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

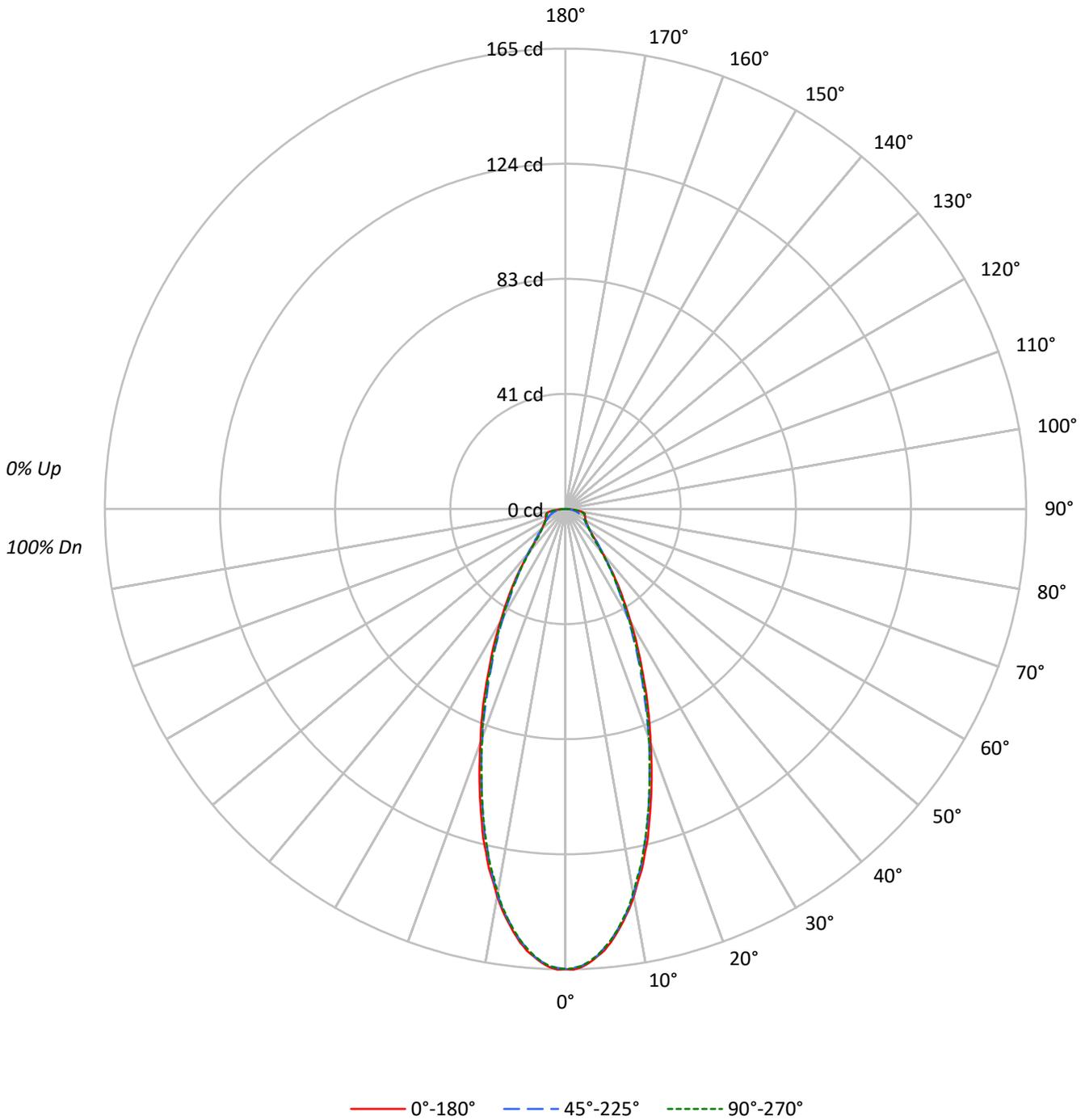
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 130.1 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7
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

TEST NUMBER: P1320811
CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1320811

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

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	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	102	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	74	74	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	66
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	58	58	58	56
7	77	67	60	55	76	66	59	55	65	59	55	63	58	54	62	57	54	54	54	54	52
8	73	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	50	50	50	50	49
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	47	47	47	47	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	45	45	45	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	28400	28400	28400
5°	27471	27332	27332
10°	24658	24518	24413
15°	20665	20344	20308
20°	16312	15982	15982
25°	12485	11991	12219
30°	9267	8790	8989
35°	6707	6412	6455
40°	4609	4699	4474
45°	3434	3580	3288
50°	2974	2947	2947
55°	2822	2702	2762
60°	2893	2687	2824
65°	3179	2690	3097
70°	3726	2719	3626
75°	4791	2928	4658
80°	5951	3174	5554
85°	4742	3162	4347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 5951 cd/sqm



TEST NUMBER: P1320811

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.5	11.2
10°-20°	31.6	24.3
20°-30°	29.5	22.6
30°-40°	19.5	15.0
40°-50°	11.4	8.7
50°-60°	8.3	6.4
60°-70°	7.0	5.4
70°-80°	5.8	4.5
80°-90°	2.4	1.9
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°	75.6	58.1
0°-40°	95.1	73.1
0°-60°	114.8	88.3
0°-90°	130.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	130.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	165	165	165	165	165	
5°	159	159	158	158	158	15
15°	116	115	114	114	114	32
25°	66	64	63	63	64	30
35°	32	31	30	31	31	20
45°	14	14	15	14	14	11
55°	9	9	9	9	9	9
65°	8	7	7	7	8	8
75°	7	5	4	5	7	7
85°	2	3	2	3	2	3
90°	0	0	0	0	0	



TEST NUMBER: P1320811

CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	164.9	164.9	164.9	164.9	164.9
1°	165.1	164.9	164.5	164.7	164.7
2°	164.3	164.1	163.9	163.9	163.9
3°	162.9	162.7	162.5	162.5	162.5
4°	160.9	160.7	160.7	160.5	160.5
5°	158.9	158.7	158.1	158.1	158.1
6°	156.1	155.9	155.5	155.3	155.3
7°	152.7	152.7	152.1	151.9	152.1
8°	149.1	148.9	148.5	148.3	148.3
9°	145.3	144.7	144.7	144.1	144.5
10°	141.0	140.6	140.2	139.8	139.6
11°	136.0	135.8	135.2	134.8	134.6
12°	131.8	130.8	130.4	129.8	130.2
13°	126.4	125.8	124.8	124.6	124.8
14°	121.8	120.7	119.9	119.5	119.3
15°	115.9	114.7	114.1	113.9	113.9
17.5°	102.5	101.7	100.1	100.1	100.1
20°	89.0	88.2	87.2	87.0	87.2
22.5°	77.3	75.9	74.3	74.5	75.7
25°	65.7	64.5	63.1	63.3	64.3
27.5°	55.9	54.4	53.0	53.4	54.0
30°	46.6	45.6	44.2	44.6	45.2
32.5°	38.6	38.0	36.4	36.8	37.4
35°	31.9	31.3	30.5	30.7	30.7
37.5°	25.5	25.5	25.3	25.1	24.9
40°	20.5	20.9	20.9	20.3	19.9
42.5°	16.7	17.1	17.5	16.7	16.1
45°	14.1	14.3	14.7	13.9	13.5
47.5°	12.3	12.3	12.7	12.1	11.9
50°	11.1	11.1	11.0	10.8	11.0
52.5°	10.2	10.0	9.8	10.0	10.0
55°	9.4	9.2	9.0	9.2	9.2
57.5°	8.8	8.6	8.4	8.4	8.6
60°	8.4	8.0	7.8	8.0	8.2
62.5°	8.0	7.4	7.2	7.4	7.8
65°	7.8	7.0	6.6	7.0	7.6
67.5°	7.6	6.6	6.0	6.6	7.4
70°	7.4	6.2	5.4	6.2	7.2
72.5°	7.2	5.8	5.0	5.8	7.2
75°	7.2	5.4	4.4	5.4	7.0
77.5°	6.8	5.0	3.8	5.0	6.6
80°	6.0	4.6	3.2	4.4	5.6
82.5°	4.4	4.0	2.4	3.8	4.2
85°	2.4	2.8	1.6	2.6	2.2
87.5°	0.4	0.6	0.4	1.2	0.8



TEST NUMBER: P1320811
CATALOG NUMBER: LDSQA3D02R30B2750DE010 3LSQPHRLP1MW_3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)