

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: P1320776

Luminaire Tested: LDSQA3D02R30B2750DE010 3LSQPHR1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320776
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R30B2750DE010 3LSQPHR1MB_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

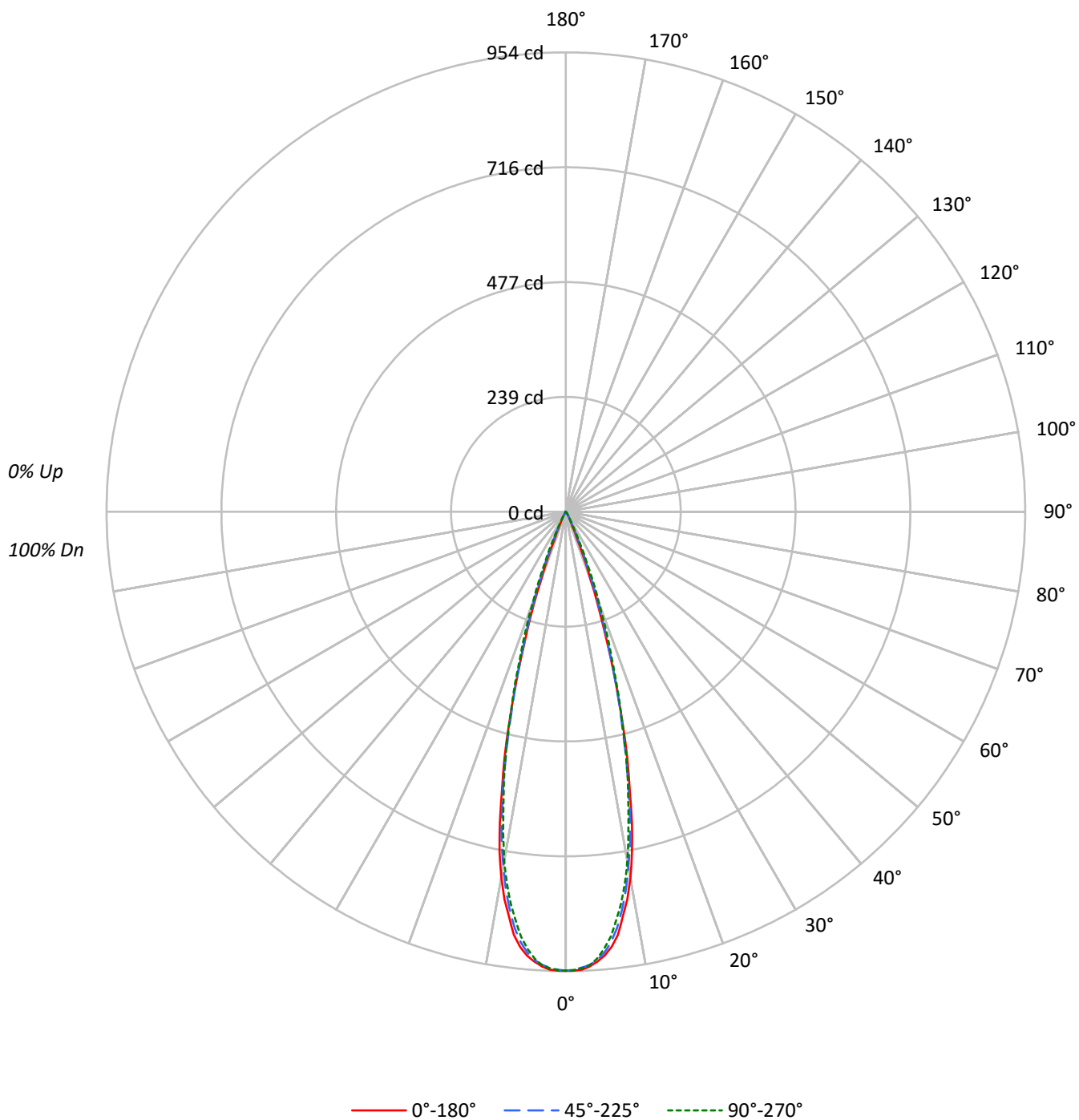
Lumens per Lamp: N/A
Luminaire Lumens: 231.0 lumens
Efficiency: N/A
Efficacy: 79.7 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.49 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			
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	88	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°	45°	90°
0°	164180	164180	164180
5°	159966	158860	157546
10°	134989	130845	128729
15°	81357	79075	80537
20°	27601	31872	36747
25°	5074	7943	9387
30°	1750	1949	2188
35°	505	631	673
40°	135	225	180
45°	49	49	49
50°	54	0	54
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: 0°

Vertical Angle: 52.5°

Luminance: 57 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.4	35.7
10°-20°	120.5	52.2
20°-30°	25.5	11.0
30°-40°	2.4	1.0
40°-50°	0.2	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°	228.4	98.9
0°-40°	230.8	99.9
0°-60°	231.0	100.0
0°-90°	231.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	953	953	953	953	953	
5°	925	924	919	916	911	84
15°	456	455	444	454	452	120
25°	27	30	42	49	49	19
35°	2	3	3	4	3	2
45°	0	0	0	0	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°	953.3	953.3	953.3	953.3	953.3
1°	953.5	952.5	951.2	953.1	951.8
2°	951.6	949.2	947.2	949.2	948.6
3°	945.6	943.6	942.2	943.2	943.2
4°	936.6	934.4	933.2	933.4	930.4
5°	925.3	923.5	918.9	916.1	911.3
6°	908.5	904.2	898.6	894.0	887.8
7°	885.8	879.1	871.1	863.1	855.4
8°	849.4	846.2	835.4	830.1	822.3
9°	815.1	807.4	795.8	787.1	782.9
10°	771.9	760.4	748.2	741.2	736.1
11°	720.7	709.0	699.2	689.1	681.1
12°	660.6	650.6	639.5	632.7	623.3
13°	589.3	587.9	575.4	573.2	572.0
14°	528.2	522.6	510.2	513.6	514.4
15°	456.3	454.7	443.5	453.9	451.7
17.5°	285.8	286.4	293.4	309.7	314.9
20°	150.6	155.1	173.9	193.6	200.5
22.5°	60.9	71.1	90.2	103.6	112.5
25°	26.7	29.9	41.8	49.2	49.4
27.5°	15.1	15.3	20.1	20.9	21.3
30°	8.8	9.0	9.8	10.4	11.0
32.5°	4.8	5.2	5.4	6.2	6.2
35°	2.4	3.0	3.0	3.6	3.2
37.5°	1.4	1.6	1.8	1.8	1.6
40°	0.6	0.8	1.0	1.0	0.8
42.5°	0.2	0.4	0.4	0.4	0.6
45°	0.2	0.2	0.2	0.2	0.2
47.5°	0.2	0.2	0.0	0.2	0.2
50°	0.2	0.0	0.0	0.0	0.2
52.5°	0.2	0.0	0.0	0.0	0.2
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)