

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: P1307703

Luminaire Tested: LDSQA3D02R609027DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307703
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R609027DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

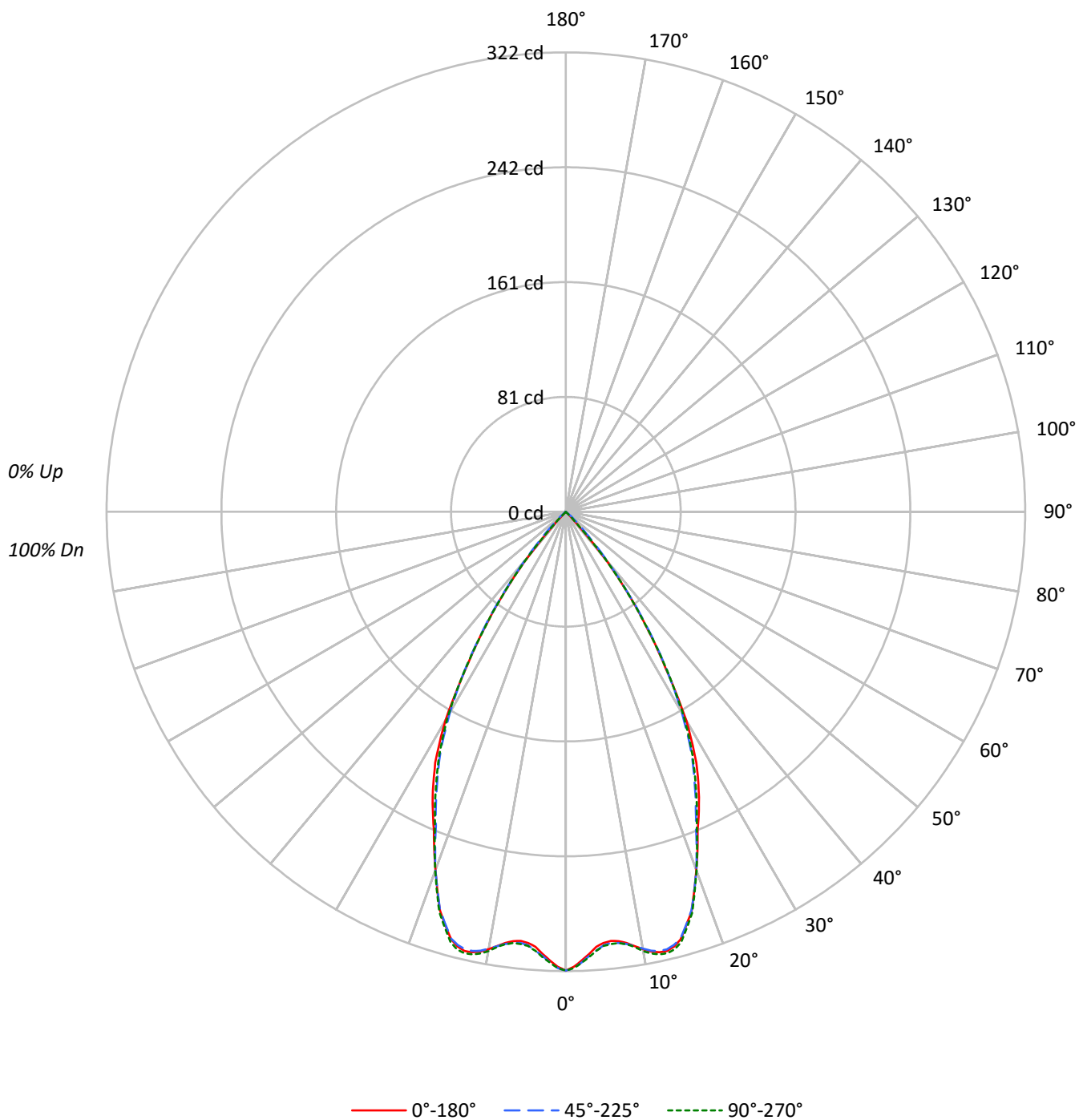
Lumens per Lamp: N/A
Luminaire Lumens: 285.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1307703

CATALOG NUMBER: LDSQA3D02R609027DE010 3LSQCDR1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1307703

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	55387	55387	55387
5°	52452	52729	52815
10°	54457	54370	54685
15°	55362	55272	55682
20°	48990	48990	49063
25°	41977	40723	41065
30°	33588	32355	32853
35°	20835	21256	20793
40°	9150	10072	9398
45°	122	3264	268
50°	0	375	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: 3264 cd/sqm

TEST NUMBER: P1307703

CATALOG NUMBER: LDSQA3D02R609027DE010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	10.3
10°-20°	85.1	29.9
20°-30°	98.8	34.7
30°-40°	62.2	21.8
40°-50°	9.3	3.3
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°	213.4	74.9
0°-40°	275.6	96.7
0°-60°	285.0	100.0
0°-90°	285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	285.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	322	322	322	322	322	
5°	303	305	305	306	306	29
15°	310	309	310	312	312	85
25°	221	218	214	215	216	100
35°	99	99	101	99	99	62
45°	0	4	13	6	1	6
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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CATALOG NUMBER: LDSQA3D02R609027DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	321.6	321.6	321.6	321.6	321.6
1°	319.1	320.0	320.0	320.2	320.0
2°	314.8	316.1	316.1	316.8	316.4
3°	310.5	311.6	311.8	312.7	312.5
4°	305.7	307.5	308.2	308.6	308.4
5°	303.4	304.6	305.0	305.7	305.5
6°	302.5	303.4	303.9	304.6	304.6
7°	303.2	303.9	304.6	305.0	304.6
8°	305.2	305.9	305.9	306.8	306.1
9°	308.2	308.4	308.4	309.6	308.9
10°	311.4	310.9	310.9	312.5	312.7
11°	314.1	313.6	313.4	315.0	315.5
12°	315.7	314.8	314.8	316.8	317.1
13°	315.9	314.8	314.8	316.8	317.5
14°	314.1	312.7	313.0	315.2	315.9
15°	310.5	309.3	310.0	312.1	312.3
17.5°	293.2	292.5	293.0	294.3	294.6
20°	267.3	266.8	267.3	267.3	267.7
22.5°	241.6	240.5	238.2	239.6	239.8
25°	220.9	218.4	214.3	215.2	216.1
27.5°	198.2	195.0	190.7	191.8	192.1
30°	168.9	167.3	162.7	163.9	165.2
32.5°	130.5	134.8	132.0	131.8	132.0
35°	99.1	99.3	101.1	99.1	98.9
37.5°	69.3	69.5	70.9	68.6	68.9
40°	40.7	43.6	44.8	43.9	41.8
42.5°	12.7	22.5	25.5	22.0	14.1
45°	0.5	4.3	13.4	5.7	1.1
47.5°	0.0	0.2	6.4	0.5	0.0
50°	0.0	0.0	1.4	0.0	0.0
52.5°	0.0	0.0	0.2	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



TEST NUMBER: P1307703

CATALOG NUMBER: LDSQA3D02R609027DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)