

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: P1308989

Luminaire Tested: LDSQA3D05R609030DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308989
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: LDSQA3D05R609030DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

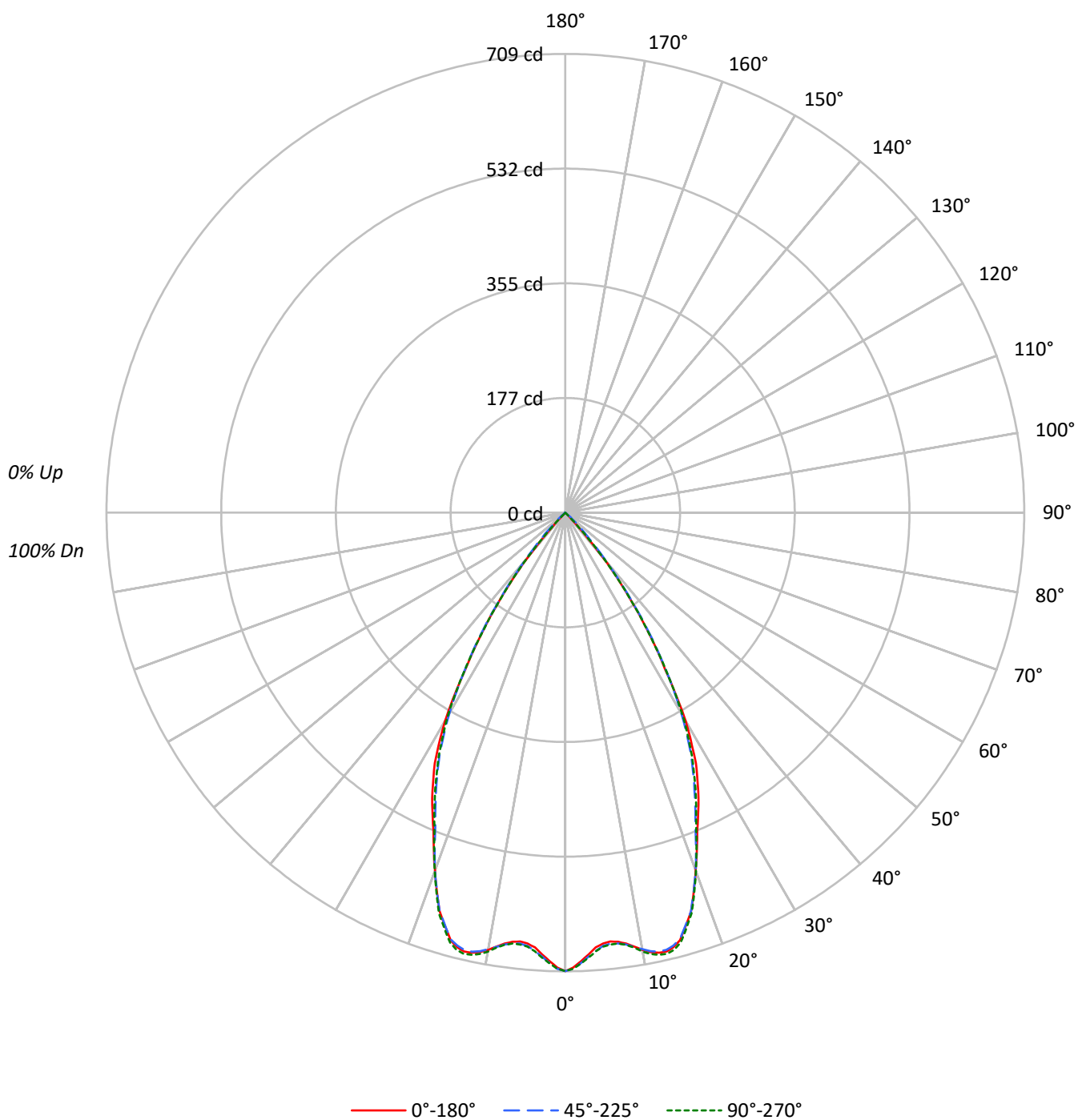
Lumens per Lamp: N/A
Luminaire Lumens: 628.0 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1308989

CATALOG NUMBER: LDSQA3D05R609030DE010 3LSQCDR1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308989

CATALOG NUMBER: LDSQA3D05R609030DE010 3LSQCDR1MB

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°	122054	122054	122054
5°	115588	116193	116366
10°	119985	119810	120509
15°	121974	121795	122687
20°	107949	107949	108133
25°	92505	89750	90510
30°	73998	71313	72407
35°	45918	46864	45812
40°	20144	22190	20706
45°	244	7185	609
50°	0	804	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: 7185 cd/sqm

TEST NUMBER: P1308989

CATALOG NUMBER: LDSQA3D05R609030DE010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	10.3
10°-20°	187.6	29.9
20°-30°	217.8	34.7
30°-40°	137.2	21.8
40°-50°	20.6	3.3
50°-60°	0.1	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°	470.2	74.9
0°-40°	607.3	96.7
0°-60°	628.0	100.0
0°-90°	628.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	628.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	709	709	709	709	709	
5°	669	671	672	674	673	64
15°	684	682	683	688	688	188
25°	487	481	472	474	476	221
35°	218	219	223	218	218	136
45°	1	10	30	12	2	13
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	

TEST NUMBER: P1308989

CATALOG NUMBER: LDSQA3D05R609030DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	708.7	708.7	708.7	708.7	708.7
1°	703.1	705.1	705.1	705.6	705.1
2°	693.6	696.6	696.6	698.1	697.1
3°	684.1	686.6	687.1	689.1	688.6
4°	673.6	677.6	679.1	680.1	679.6
5°	668.6	671.1	672.1	673.6	673.1
6°	666.6	668.6	669.6	671.1	671.1
7°	668.1	669.6	671.1	672.1	671.1
8°	672.6	674.1	674.1	676.1	674.6
9°	679.1	679.6	679.6	682.1	680.6
10°	686.1	685.1	685.1	688.6	689.1
11°	692.1	691.1	690.6	694.1	695.1
12°	695.6	693.6	693.6	698.1	698.6
13°	696.1	693.6	693.6	698.1	699.6
14°	692.1	689.1	689.6	694.6	696.1
15°	684.1	681.6	683.1	687.6	688.1
17.5°	646.0	644.5	645.5	648.6	649.1
20°	589.0	588.0	589.0	589.0	590.0
22.5°	532.4	529.9	524.9	527.9	528.4
25°	486.8	481.3	472.3	474.3	476.3
27.5°	436.7	429.7	420.2	422.7	423.2
30°	372.1	368.6	358.6	361.1	364.1
32.5°	287.5	297.0	291.0	290.5	291.0
35°	218.4	218.9	222.9	218.4	217.9
37.5°	152.7	153.2	156.3	151.2	151.7
40°	89.6	96.2	98.7	96.7	92.1
42.5°	28.0	49.6	56.1	48.6	31.1
45°	1.0	9.5	29.5	12.5	2.5
47.5°	0.0	0.5	14.0	1.0	0.0
50°	0.0	0.0	3.0	0.0	0.0
52.5°	0.0	0.0	0.5	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: P1308989

CATALOG NUMBER: LDSQA3D05R609030DE010 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)