

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: P1319885

Luminaire Tested: LDSQA3D05R609840DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319885
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: LDSQA3D05R609840DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

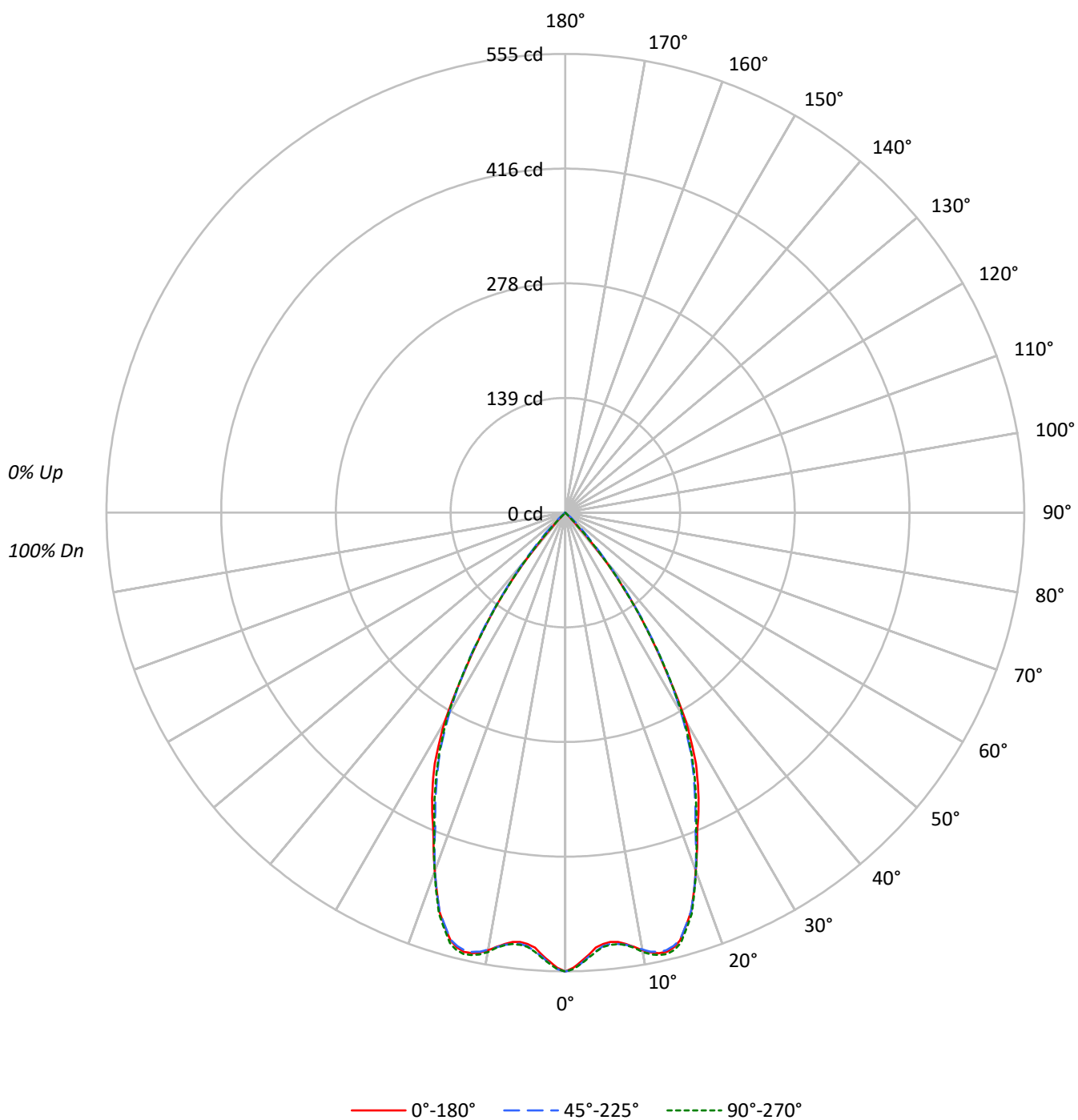
Lumens per Lamp: N/A
Luminaire Lumens: 492.0 lumens
Efficiency: N/A
Efficacy: 68.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1319885

CATALOG NUMBER: LDSQA3D05R609840DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1319885

CATALOG NUMBER: LDSQA3D05R609840DE010 3LSQCDR1MMS

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	95618	95618	95618
5°	90555	91022	91160
10°	93998	93858	94417
15°	95568	95425	96120
20°	84563	84563	84710
25°	72476	70310	70899
30°	57969	55861	56716
35°	35973	36709	35889
40°	15782	17379	16232
45°	195	5626	487
50°	0	643	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: 5626 cd/sqm

TEST NUMBER: P1319885

CATALOG NUMBER: LDSQA3D05R609840DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	10.3
10°-20°	147.0	29.9
20°-30°	170.6	34.7
30°-40°	107.5	21.8
40°-50°	16.1	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°	368.3	74.9
0°-40°	475.8	96.7
0°-60°	492.0	100.0
0°-90°	492.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	492.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	555	555	555	555	555	
5°	524	526	526	528	527	51
15°	536	534	535	539	539	147
25°	381	377	370	372	373	173
35°	171	172	175	171	171	107
45°	1	8	23	10	2	11
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: P1319885

CATALOG NUMBER: LDSQA3D05R609840DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	555.2	555.2	555.2	555.2	555.2
1°	550.9	552.4	552.4	552.8	552.4
2°	543.4	545.8	545.8	546.9	546.2
3°	536.0	537.9	538.3	539.9	539.5
4°	527.7	530.9	532.0	532.8	532.4
5°	523.8	525.8	526.5	527.7	527.3
6°	522.2	523.8	524.6	525.8	525.8
7°	523.4	524.6	525.8	526.5	525.8
8°	526.9	528.1	528.1	529.7	528.5
9°	532.0	532.4	532.4	534.4	533.2
10°	537.5	536.7	536.7	539.5	539.9
11°	542.2	541.5	541.1	543.8	544.6
12°	545.0	543.4	543.4	546.9	547.3
13°	545.4	543.4	543.4	546.9	548.1
14°	542.2	539.9	540.3	544.2	545.4
15°	536.0	534.0	535.2	538.7	539.1
17.5°	506.1	505.0	505.7	508.1	508.5
20°	461.4	460.6	461.4	461.4	462.2
22.5°	417.1	415.1	411.2	413.5	413.9
25°	381.4	377.1	370.0	371.6	373.1
27.5°	342.1	336.6	329.2	331.1	331.5
30°	291.5	288.8	280.9	282.9	285.2
32.5°	225.2	232.7	228.0	227.6	228.0
35°	171.1	171.5	174.6	171.1	170.7
37.5°	119.7	120.1	122.4	118.5	118.9
40°	70.2	75.3	77.3	75.7	72.2
42.5°	22.0	38.8	43.9	38.1	24.3
45°	0.8	7.5	23.1	9.8	2.0
47.5°	0.0	0.4	11.0	0.8	0.0
50°	0.0	0.0	2.4	0.0	0.0
52.5°	0.0	0.0	0.4	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: P1319885

CATALOG NUMBER: LDSQA3D05R609840DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)