

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: P1314250

Luminaire Tested: LDSQA3D05R109730DE010 3LSQCDR1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R109730DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

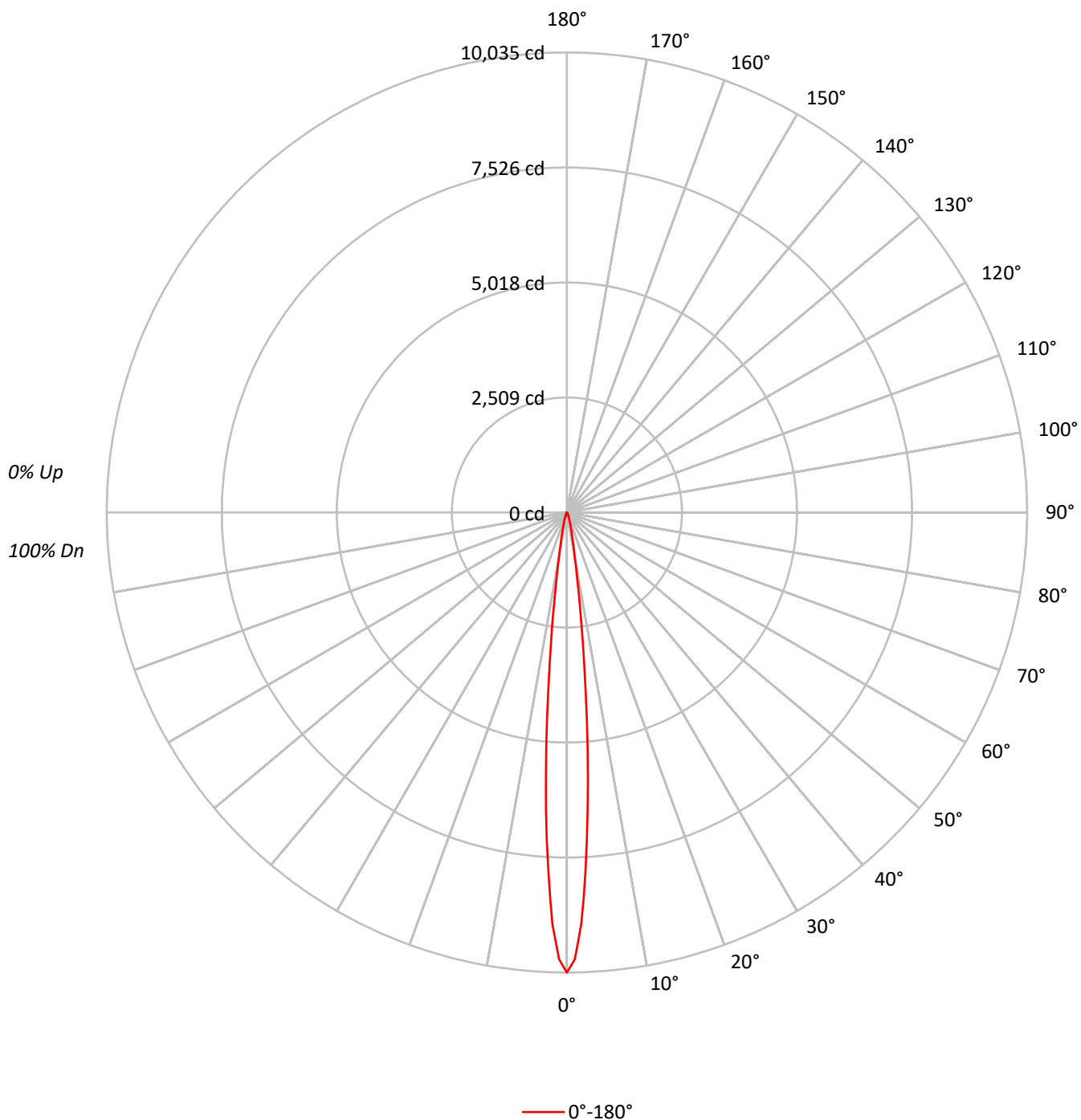
Lumens per Lamp: N/A
Luminaire Lumens: 486.0 lumens
Efficiency: N/A
Efficacy: 61.5 lumens/watt
Spacing Criteria (0/90/45): 0.18 / 0.18 / 0.18
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1314250

CATALOG NUMBER: LDSQA3D05R109730DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1314250

CATALOG NUMBER: LDSQA3D05R109730DE010 3LSQCDR1MMS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
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	100	100	100
1	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100	99	99	99
2	113	110	108	106	111	109	107	105	106	104	103	103	102	101	100	99	98	97	97	97
3	111	107	104	102	109	106	103	101	104	102	100	101	100	98	99	98	97	96	96	96
4	109	105	102	99	107	104	101	99	102	99	98	100	98	97	98	97	96	95	95	95
5	107	102	99	97	105	101	99	97	100	98	96	99	97	95	97	96	94	93	93	93
6	105	100	97	95	104	100	97	95	98	96	94	97	95	94	96	95	93	92	92	92
7	103	99	96	93	102	98	95	93	97	95	93	96	94	92	95	93	92	91	91	91
8	102	97	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90	90	90
9	100	96	93	91	100	95	93	91	95	92	90	94	92	90	93	91	90	89	89	89
10	99	94	92	90	98	94	91	90	94	91	89	93	91	89	92	91	89	88	88	88

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1728271
5°	892841
10°	175474
15°	55237
20°	24119
25°	10679
30°	5747
35°	3028
40°	1079
45°	390
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 47.5°

Luminance: 408 cd/sqm

TEST NUMBER: P1314250

CATALOG NUMBER: LDSQA3D05R109730DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	347.4	71.5
10°-20°	98.7	20.3
20°-30°	28.8	5.9
30°-40°	9.4	1.9
40°-50°	1.7	0.3
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°	474.9	97.7
0°-40°	484.3	99.7
0°-60°	486.0	100.0
0°-90°	486.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	486.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10035	
5°	5164	347
15°	310	99
25°	56	29
35°	14	9
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1314250

CATALOG NUMBER: LDSQA3D05R109730DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

0°	
0°	10035.1
1°	9746.2
2°	8990.0
3°	7803.7
4°	6506.5
5°	5164.5
6°	3894.6
7°	2820.6
8°	1984.2
9°	1395.1
10°	1003.4
11°	743.3
12°	571.5
13°	459.1
14°	374.1
15°	309.8
17.5°	205.5
20°	131.6
22.5°	83.5
25°	56.2
27.5°	40.1
30°	28.9
32.5°	20.9
35°	14.4
37.5°	9.6
40°	4.8
42.5°	3.2
45°	1.6
47.5°	1.6
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1314250

CATALOG NUMBER: LDSQA3D05R109730DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)