

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: P1314888

Luminaire Tested: LDSQA3D18R129730D010 3LSQCDR1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314888
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D18R129730D010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

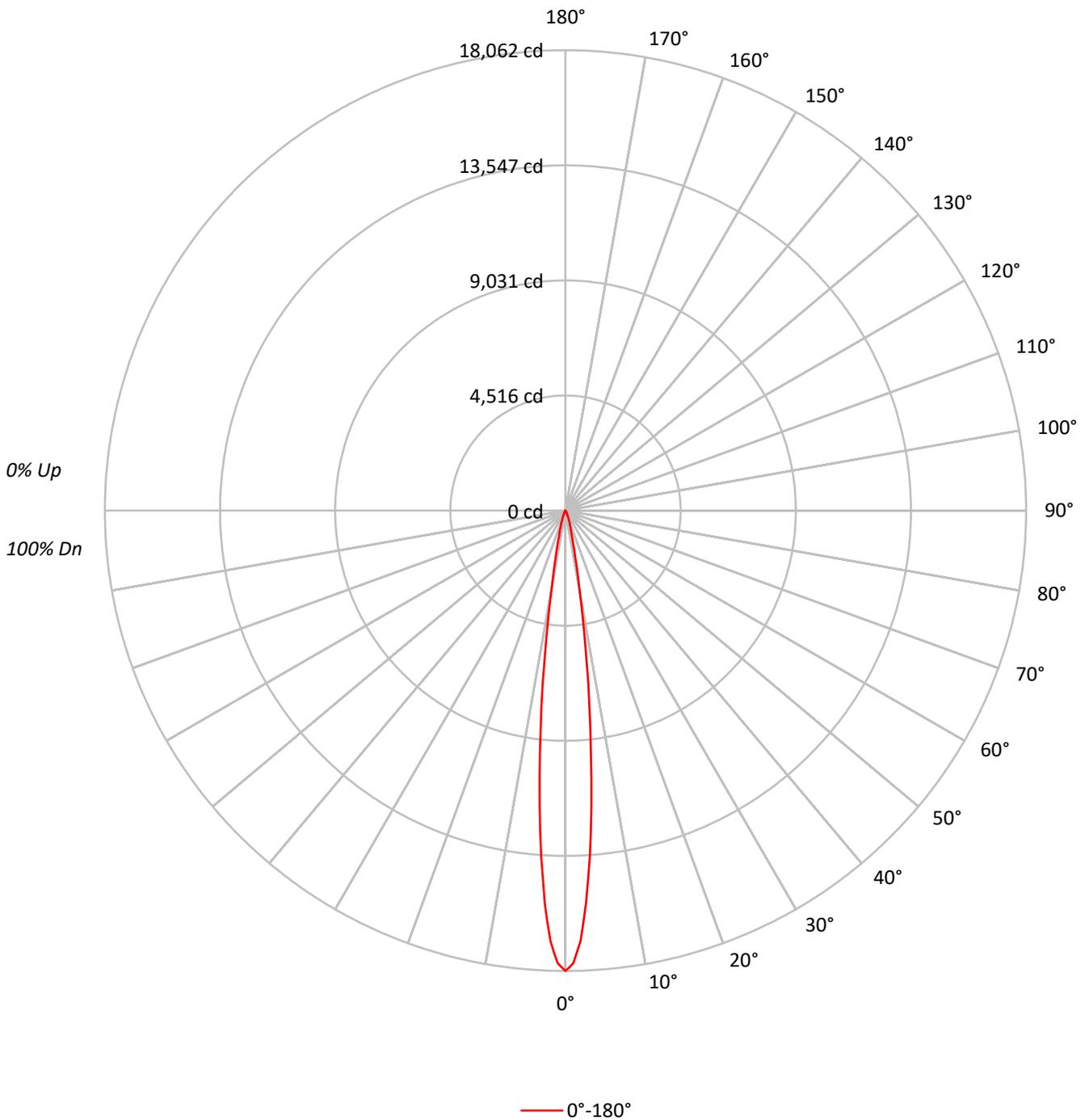
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1226.0 lumens
Efficiency: N/A
Efficacy: 53.5 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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: P1314888
CATALOG NUMBER: LDSQA3D18R129730D010 3LSQCDR1MB

Luminous Intensity Polar Plot





TEST NUMBER: P1314888

CATALOG NUMBER: LDSQA3D18R129730D010 3LSQCDR1MB

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	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	100	100	100
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98	98	98	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97	97	97	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95	95	95	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94	94	94	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92	92	92	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91	91	91	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90	90	90	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89	89	89	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88	88	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87	87	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3110668
5°	2009891
10°	567099
15°	160343
20°	67042
25°	29682
30°	15154
35°	8010
40°	3417
45°	926
50°	1018
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 50°
 Luminance: 1018 cd/sqm



TEST NUMBER: P1314888

CATALOG NUMBER: LDSQA3D18R129730D010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	819.1	66.8
10°-20°	297.2	24.2
20°-30°	79.6	6.5
30°-40°	25.0	2.0
40°-50°	4.7	0.4
50°-60°	0.4	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°	1195.9	97.5
0°-40°	1220.9	99.6
0°-60°	1226.0	100.0
0°-90°	1226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	18062	
5°	11626	819
15°	899	297
25°	156	80
35°	38	25
45°	4	5
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1314888
CATALOG NUMBER: LDSQA3D18R129730D010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	18061.9
1°	17757.0
2°	16899.7
3°	15432.6
4°	13611.2
5°	11625.9
6°	9556.8
7°	7704.9
8°	5929.2
9°	4412.6
10°	3242.8
11°	2389.2
12°	1798.6
13°	1394.7
14°	1105.1
15°	899.3
17.5°	571.6
20°	365.8
22.5°	236.3
25°	156.2
27.5°	106.7
30°	76.2
32.5°	53.3
35°	38.1
37.5°	26.7
40°	15.2
42.5°	7.6
45°	3.8
47.5°	3.8
50°	3.8
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: P1314888
CATALOG NUMBER: LDSQA3D18R129730D010 3LSQCDR1MB

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)