

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: P1324895

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

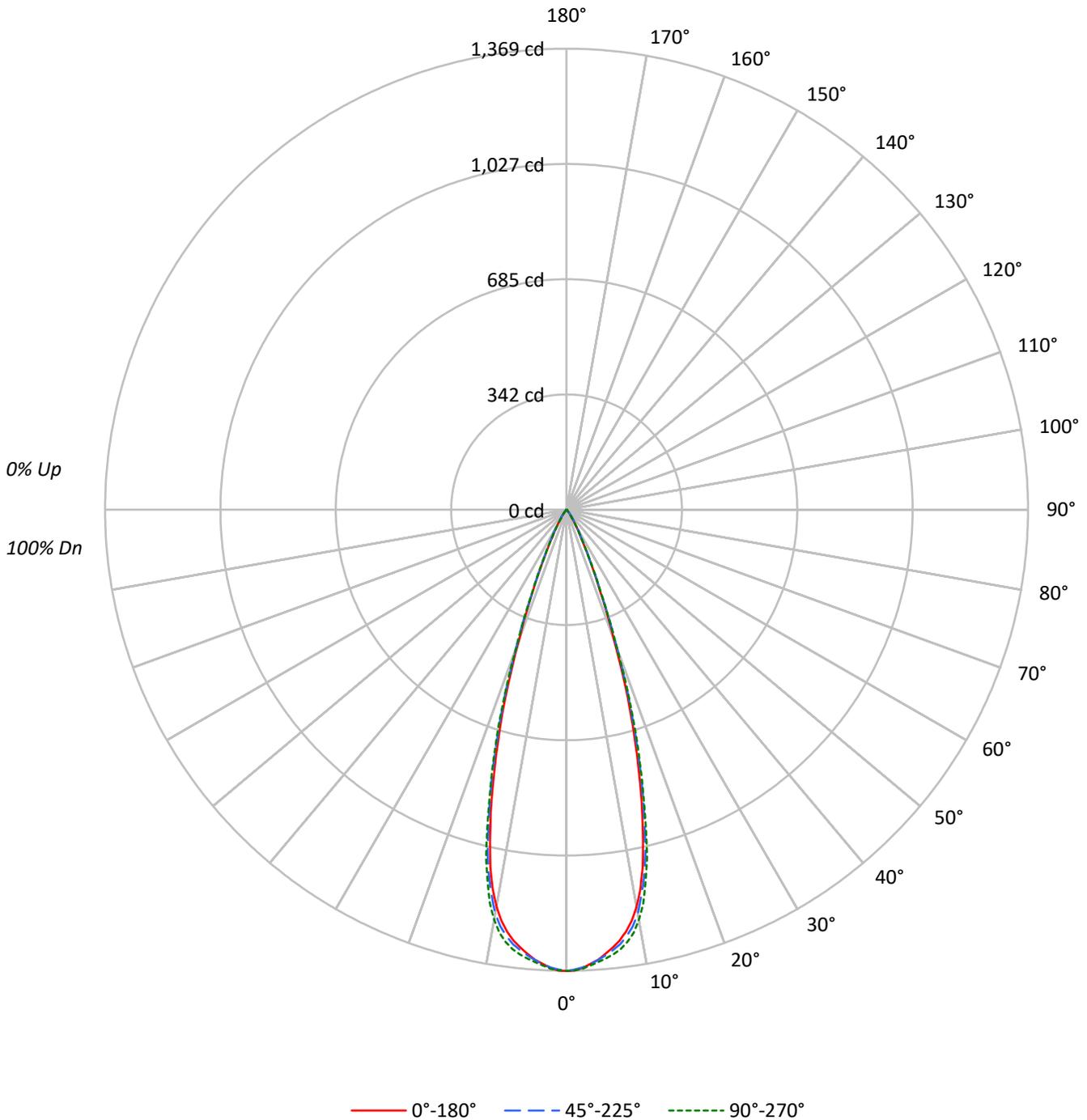
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 460.1 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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

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Luminous Intensity Polar Plot





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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	80	78	83	80	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	235842	235842	235842
5°	228859	229672	231228
10°	209348	212986	216256
15°	150270	155779	157384
20°	75583	80000	80201
25°	28656	29530	29663
30°	11634	13344	11415
35°	4226	6412	4079
40°	1776	2743	1686
45°	438	1145	438
50°	295	482	295
55°	330	330	330
60°	379	379	379
65°	285	285	285
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1145 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.8	26.9
10°-20°	230.7	50.1
20°-30°	83.0	18.0
30°-40°	17.4	3.8
40°-50°	3.0	0.7
50°-60°	1.0	0.2
60°-70°	0.7	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	437.4	95.1
0°-40°	454.9	98.9
0°-60°	458.9	99.7
0°-90°	460.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	460.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1369	1369	1369	1369	1369	
5°	1324	1326	1328	1338	1338	123
15°	843	858	874	883	883	224
25°	151	153	155	157	156	80
35°	20	24	30	23	19	15
45°	2	3	5	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1369.4	1369.4	1369.4	1369.4	1369.4
1°	1368.7	1368.7	1365.8	1369.1	1368.0
2°	1361.2	1361.9	1360.1	1364.0	1363.7
3°	1350.8	1352.6	1351.1	1356.9	1355.1
4°	1339.6	1341.1	1340.4	1347.5	1346.8
5°	1323.8	1326.4	1328.5	1337.5	1337.5
6°	1307.7	1310.2	1314.9	1324.6	1327.8
7°	1289.0	1292.3	1299.8	1312.7	1314.9
8°	1265.3	1268.9	1279.3	1293.3	1296.2
9°	1235.9	1241.3	1253.1	1270.0	1271.8
10°	1197.1	1201.4	1217.9	1231.9	1236.6
11°	1146.9	1150.5	1165.2	1187.8	1190.7
12°	1085.8	1090.2	1109.2	1123.9	1126.8
13°	1008.7	1016.9	1039.9	1054.3	1062.2
14°	929.3	940.5	957.0	977.4	972.4
15°	842.8	857.6	873.7	883.0	882.7
17.5°	630.7	639.3	653.7	659.0	666.2
20°	412.4	423.6	436.5	441.5	437.6
22.5°	255.9	258.8	262.8	264.9	264.2
25°	150.8	152.9	155.4	156.9	156.1
27.5°	90.8	95.8	99.4	95.1	92.6
30°	58.5	60.7	67.1	61.4	57.4
32.5°	34.8	39.8	45.2	38.4	33.4
35°	20.1	23.7	30.5	23.3	19.4
37.5°	12.9	14.7	19.7	14.4	12.6
40°	7.9	10.1	12.2	9.3	7.5
42.5°	3.9	6.1	7.2	5.4	3.9
45°	1.8	2.9	4.7	2.9	1.8
47.5°	1.1	1.4	2.9	1.4	1.1
50°	1.1	1.1	1.8	1.1	1.1
52.5°	1.1	1.1	1.1	1.1	1.1
55°	1.1	1.1	1.1	1.1	1.1
57.5°	1.1	1.1	1.1	1.1	1.1
60°	1.1	1.1	1.1	1.1	1.1
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.7	0.7	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)