

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: P1310433

Luminaire Tested: LDSQA3D13R609035DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

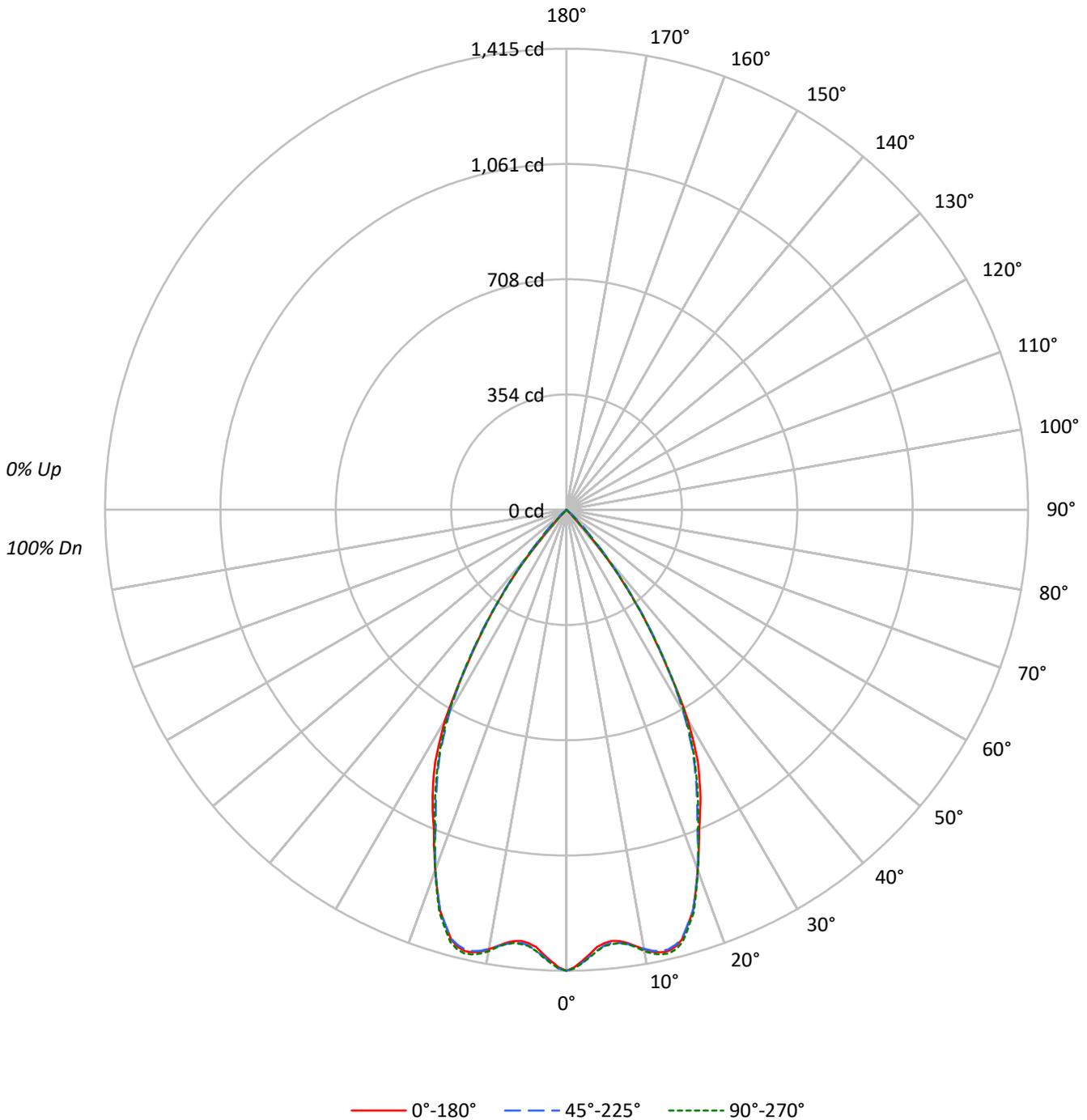
Test Method: LM-79-2019  
Report Number: P1310433  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R609035DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1254.0 lumens  
Efficiency: N/A  
Efficacy: 85.9 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): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	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	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	243695	243695	243695
5°	230795	232006	232351
10°	239585	239235	240634
15°	243555	243198	244981
20°	215532	215532	215899
25°	184706	179195	180715
30°	147757	142388	144575
35°	91667	93559	91457
40°	40243	44290	41367
45°	487	14370	1218
50°	0	1608	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: 14370 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.2	10.3
10°-20°	374.6	29.9
20°-30°	434.9	34.7
30°-40°	273.9	21.8
40°-50°	41.1	3.3
50°-60°	0.2	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°	938.8	74.9
0°-40°	1212.6	96.7
0°-60°	1254.0	100.0
0°-90°	1254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1254.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1415	1415	1415	1415	1415	
5°	1335	1340	1342	1345	1344	129
15°	1366	1361	1364	1373	1374	374
25°	972	961	943	947	951	442
35°	436	437	445	436	435	272
45°	2	19	59	25	5	27
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	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1415	1415	1415	1415	1415
1°	1404	1408	1408	1409	1408
2°	1385	1391	1391	1394	1392
3°	1366	1371	1372	1376	1375
4°	1345	1353	1356	1358	1357
5°	1335	1340	1342	1345	1344
6°	1331	1335	1337	1340	1340
7°	1334	1337	1340	1342	1340
8°	1343	1346	1346	1350	1347
9°	1356	1357	1357	1362	1359
10°	1370	1368	1368	1375	1376
11°	1382	1380	1379	1386	1388
12°	1389	1385	1385	1394	1395
13°	1390	1385	1385	1394	1397
14°	1382	1376	1377	1387	1390
15°	1366	1361	1364	1373	1374
17.5°	1290	1287	1289	1295	1296
20°	1176	1174	1176	1176	1178
22.5°	1063	1058	1048	1054	1055
25°	972	961	943	947	951
27.5°	872	858	839	844	845
30°	743	736	716	721	727
32.5°	574	593	581	580	581
35°	436	437	445	436	435
37.5°	305	306	312	302	303
40°	179	192	197	193	184
42.5°	56	99	112	97	62
45°	2	19	59	25	5
47.5°	0	1	28	2	0
50°	0	0	6	0	0
52.5°	0	0	1	0	0
55°	0	0	0	0	0
57.5°	0	0	0	0	0
60°	0	0	0	0	0
62.5°	0	0	0	0	0
65°	0	0	0	0	0
67.5°	0	0	0	0	0
70°	0	0	0	0	0
72.5°	0	0	0	0	0
75°	0	0	0	0	0
77.5°	0	0	0	0	0
80°	0	0	0	0	0
82.5°	0	0	0	0	0
85°	0	0	0	0	0
87.5°	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

(END OF REPORT)