Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P887712

Luminaire Tested: **TT-D3-750-U-CQ-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887712
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D3-750-U-CQ-TC
Description:	CQ
	5000K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5715.9 lumens
Efficiency:	N/A
Efficacy:	121.1 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	47.2
Input Voltage (V):	120.0
Input Current (Ain):	0.39
Voltage Rise (V):	NR
Power Factor:	0.989
Total Harmonic Distortion (THDi):	12.9%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

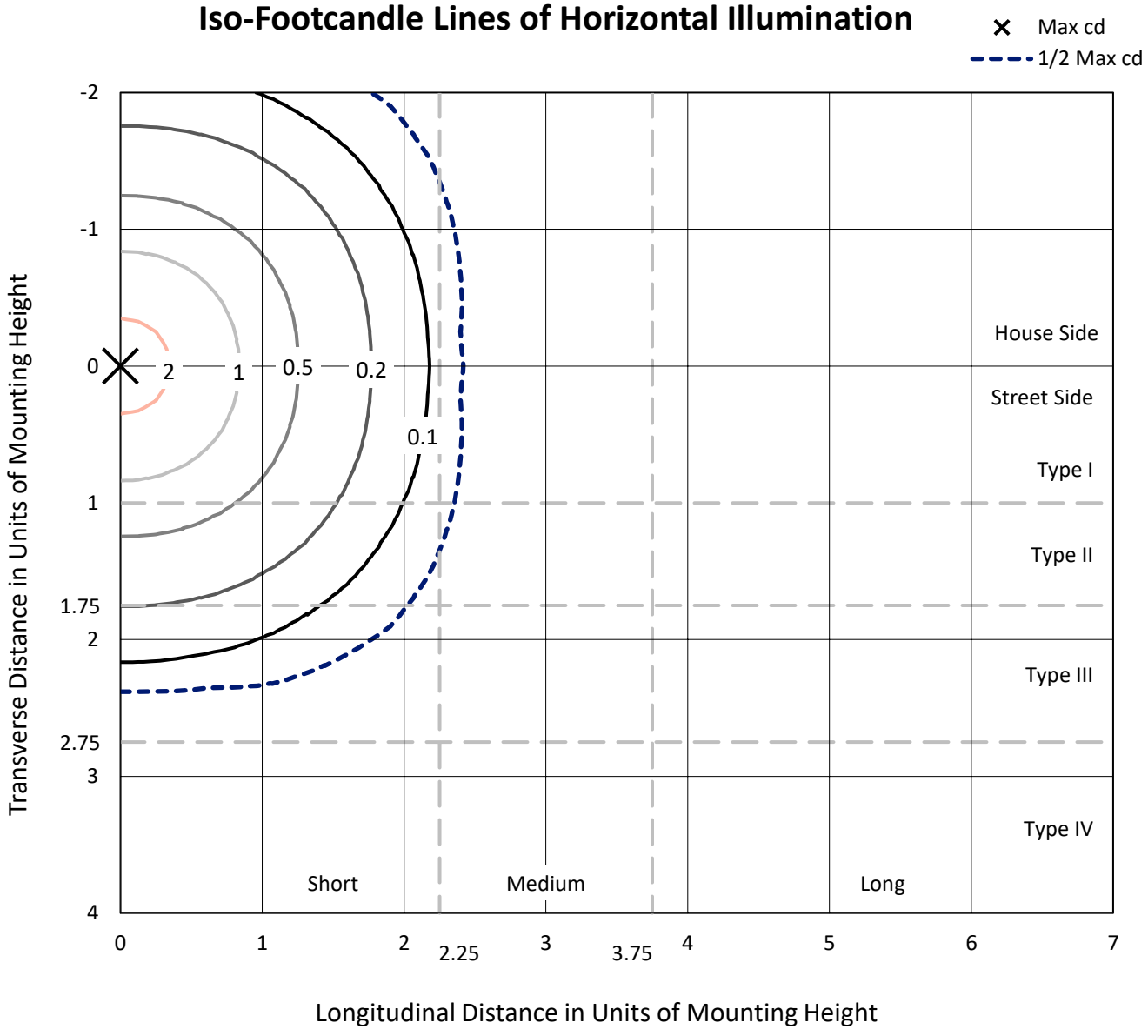


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Iso-Footcandle Lines of Horizontal Illumination



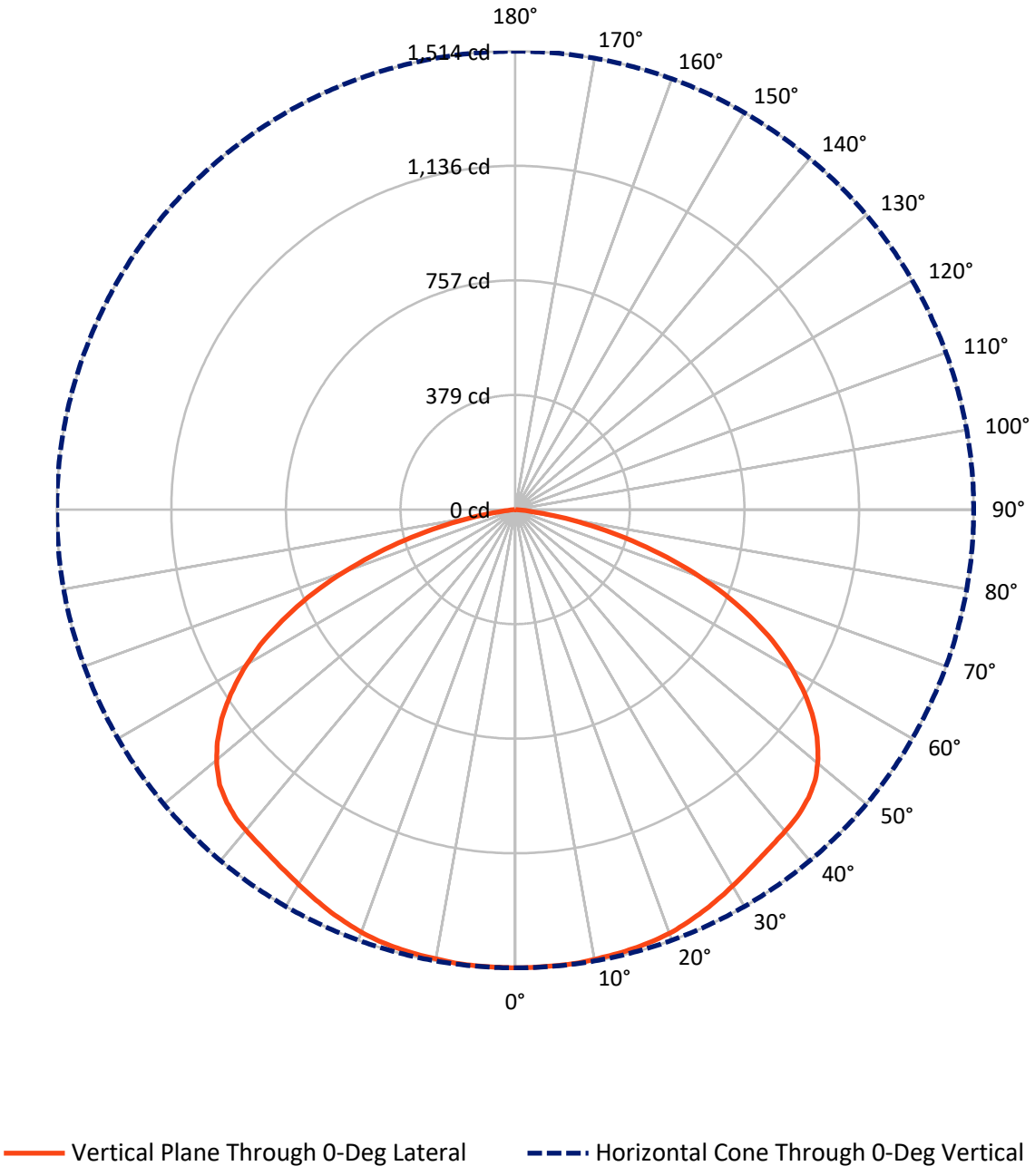
Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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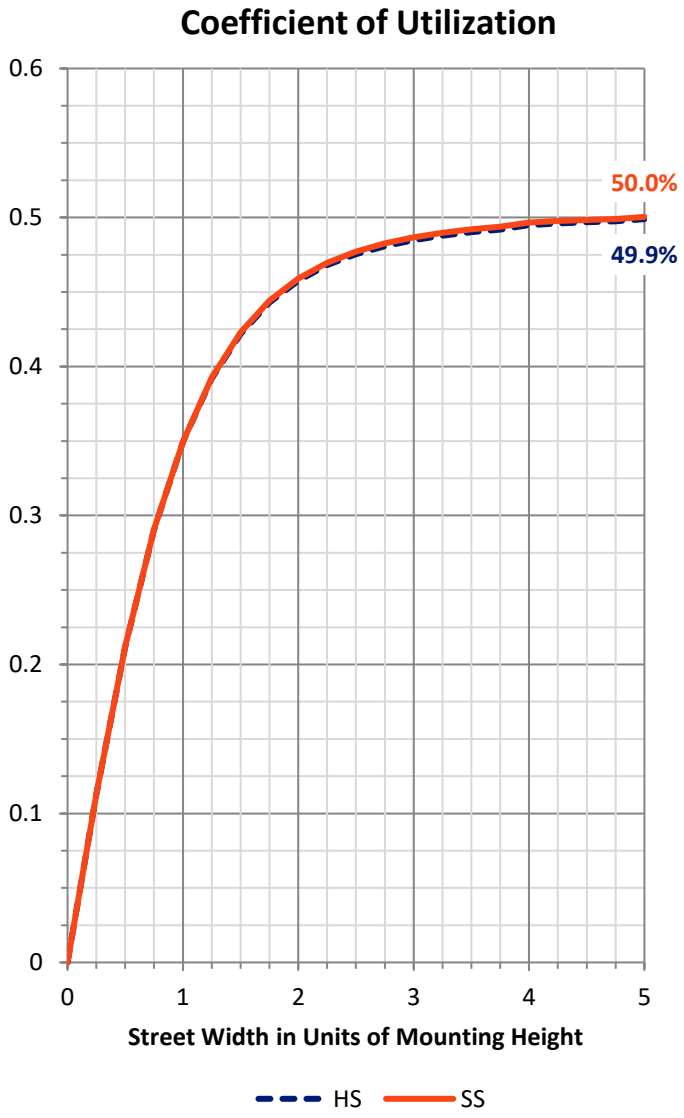
REPORT NUMBER: P887712
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2857.9	0.0	2857.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2857.9	0.0	2857.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5715.9	0.0	5715.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.3	2.5
10°-20°	425.0	7.4
20°-30°	677.4	11.9
30°-40°	890.1	15.6
40°-50°	1072.5	18.8
50°-60°	1118.7	19.6
60°-70°	905.1	15.8
70°-80°	438.7	7.7
80°-90°	44.1	0.8
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°-90°	5715.9	100.0
0°-180°	5715.9	100.0



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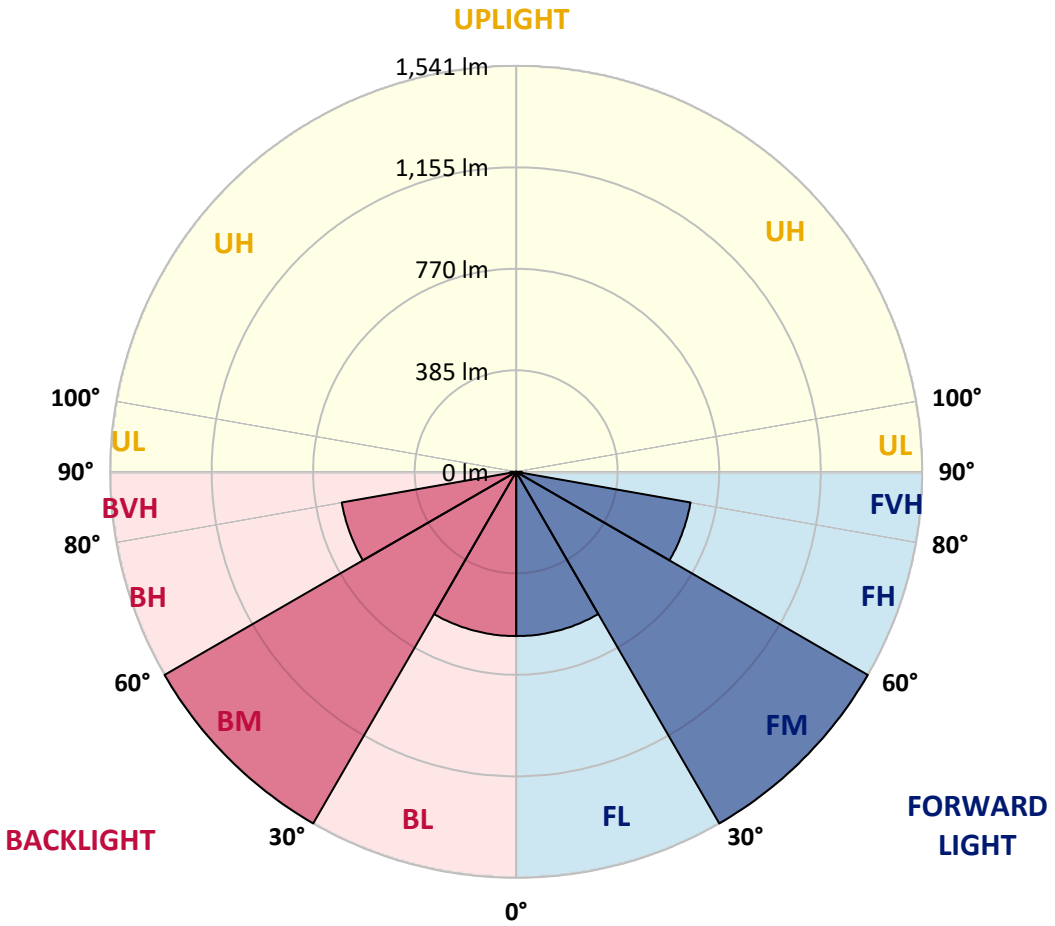
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	623.3	10.9			
FM	(30°-60°)	1540.6	27.0			
FH	(60°-80°)	671.9	11.8			G1/1800
FVH	(80°-90°)	22.1	0.4			G1/100
BL	(0°-30°)	623.3	10.9	B2/1000		
BM	(30°-60°)	1540.6	27.0	B2/2500		
BH	(60°-80°)	671.9	11.8	B2/1000		G1/1800
BVH	(80°-90°)	22.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1514	1514	1514	1514	1514	1514	1514	1514	1514	1514	1514
2.5°	1513	1513	1513	1512	1512	1512	1512	1513	1513	1513	1513
5°	1513	1513	1513	1513	1512	1512	1512	1513	1513	1513	1513
7.5°	1512	1512	1512	1511	1511	1511	1511	1511	1511	1511	1511
10°	1508	1508	1509	1508	1508	1508	1508	1509	1508	1508	1508
12.5°	1505	1505	1505	1505	1504	1505	1504	1504	1504	1504	1504
15°	1501	1502	1501	1501	1502	1502	1501	1501	1500	1500	1500
17.5°	1496	1496	1497	1497	1498	1498	1497	1497	1496	1495	1495
20°	1488	1489	1489	1490	1491	1492	1491	1490	1489	1488	1487
22.5°	1476	1477	1478	1480	1481	1482	1480	1479	1478	1477	1477
25°	1463	1464	1465	1467	1468	1469	1468	1466	1465	1464	1464
27.5°	1448	1449	1450	1453	1454	1455	1453	1451	1449	1448	1448
30°	1433	1434	1436	1439	1442	1443	1439	1437	1434	1432	1432
32.5°	1418	1419	1421	1427	1430	1431	1429	1425	1420	1417	1416
35°	1405	1407	1411	1418	1422	1424	1422	1416	1409	1404	1404
37.5°	1394	1397	1403	1413	1421	1423	1420	1412	1402	1395	1394
40°	1385	1388	1397	1410	1421	1424	1420	1409	1396	1387	1385
42.5°	1375	1378	1390	1406	1419	1424	1419	1405	1388	1376	1375
45°	1358	1362	1376	1397	1413	1419	1413	1397	1376	1362	1361
47.5°	1334	1338	1354	1381	1400	1409	1403	1384	1361	1343	1341
50°	1296	1303	1320	1353	1375	1388	1383	1362	1335	1316	1314
52.5°	1248	1255	1276	1313	1338	1355	1350	1327	1299	1275	1274
55°	1190	1198	1220	1263	1291	1310	1304	1277	1246	1219	1218
57.5°	1120	1130	1154	1199	1231	1253	1244	1216	1180	1149	1150
60°	1041	1052	1077	1124	1158	1179	1171	1140	1102	1069	1070
62.5°	954	961	986	1035	1069	1093	1081	1049	1010	976	981
65°	852	859	883	932	964	988	976	943	903	867	875
67.5°	745	747	765	816	846	869	856	824	786	753	759
70°	625	623	642	689	715	736	723	693	659	628	634
72.5°	500	498	513	556	573	597	585	557	530	499	505
75°	377	373	386	422	436	457	446	421	399	371	378
77.5°	257	254	264	294	303	324	309	292	274	246	256
80°	148	145	151	176	182	196	186	173	159	140	146
82.5°	55	57	60	76	82	95	85	75	65	53	57
85°	4	4	4	6	8	13	9	7	5	3	5
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)