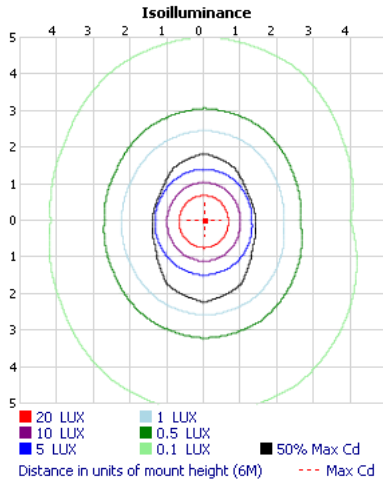
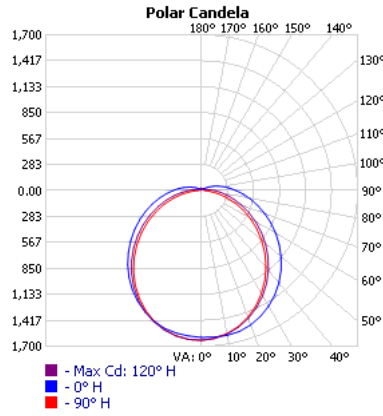


OUTDOOR PHOTOMETRIC REPORT

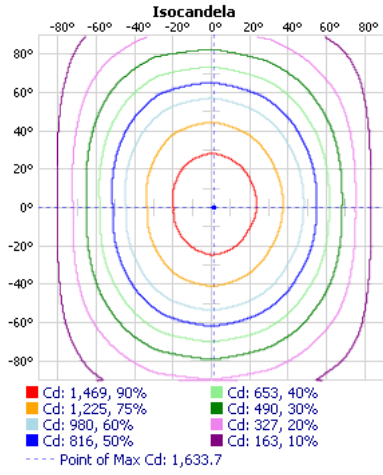
CATALOG: LVTS2-45-MVD-MCT (3000K)

Manufacturer: GLOBALUX LIGHTING
 Test Lab: LCTECH
 Test Date: 2024-06-06
 Catalog: LVTS2-45-MVD-MCT (3000K)
 Description: LED
 Lamp Output: 1 lamp, rated Lumens/lamp: 5557.5
 Input Wattage: 45.8
 Luminous Opening: Circular (Dia: 7.87")
 Max Cd: 1,633.7 at Horizontal: 120°, Vertical: 0°
 CUTOFF CLASS: Noncutoff
 Roadway Class: VERY SHORT, TYPE III
 Efficiency: 100%

No
 Photo
 Available



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LVTS2-45-MVD-MCT (3000K)



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,262.4	22.7%	22.7%
0-40	2,070.6	37.3%	37.2%
0-60	3,704.2	66.7%	66.6%
60-90	1,451.8	26.1%	26.1%
70-100	979.0	17.6%	17.6%
90-120	330.5	5.9%	5.9%
0-90	5,156.0	92.8%	92.8%
90-180	402.9	7.2%	7.2%
0-180	5,558.9	100%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	153.6	2.8%	90-100	182.9	3.3%
10-20	440.4	7.9%	100-110	98.0	1.8%
20-30	668.4	12.0%	110-120	49.6	0.9%
30-40	808.1	14.5%	120-130	25.3	0.5%
40-50	845.9	15.2%	130-140	16.5	0.3%
50-60	787.7	14.2%	140-150	12.9	0.2%
60-70	655.7	11.8%	150-160	9.6	0.2%
70-80	483.8	8.7%	160-170	6.0	0.1%
80-90	312.3	5.6%	170-180	2.1	0%

Roadway Summary

Cutoff Classification: NONCUTOFF
 Distribution: TYPE III, VERY SHORT
 Max Cd, 90 Deg Vert: 378.2
 Max Cd, 80 to <90 Deg: 543.0

	Lumens	% Lamp
Downward Street Side:	2,657.2	47.8%
Downward House Side:	2,500.6	45%
Downward Total:	5,157.8	92.8%
Upward Street Side:	219.6	4%
Upward House Side:	183.2	3.3%
Upward Total:	402.8	7.2%
Total Lumens:	5,560.5	100.1%

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LVTS2-45-MVD-MCT (3000K)

LCS Table

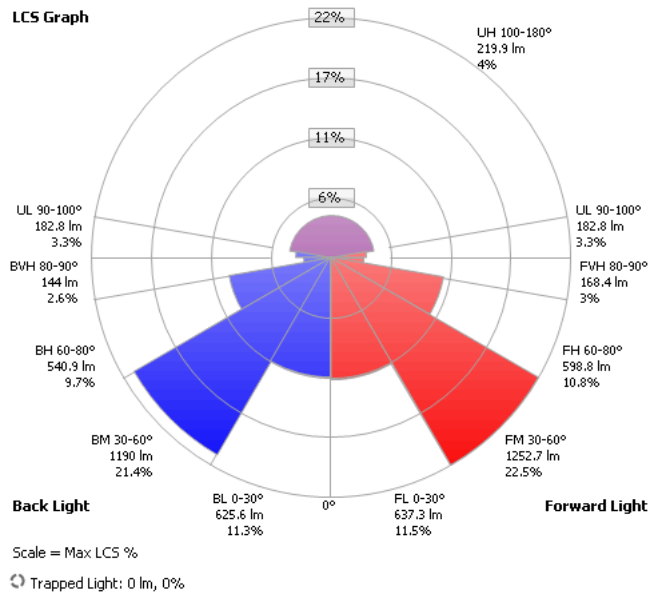
BUG Rating	B2 - U3 - G2	
Forward Light	Lumens	Lumens %
Low(0-30):	637.3	11.5%
Medium(30-60):	1,252.7	22.5%
High(60-80):	598.8	10.8%
Very High(80-90):	168.4	3%
Back Light		
Low(0-30):	625.6	11.3%
Medium(30-60):	1,190.0	21.4%
High(60-80):	540.9	9.7%
Very High(80-90):	144.0	2.6%
Uplight		
Low(90-100):	182.8	3.3%
High(100-180):	219.9	4%
Trapped Light:	0.000	0%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	
RCR: 0	1.17	1.17	1.17	1.17	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	1.01	1.01	.95	.95	.95	.93	
1	1.05	1.00	.95	.90	1.02	.97	.92	.75	.91	.87	.84	.86	.83	.80	.81	.79	.76	.74	.76	.74	
2	.95	.86	.78	.72	.92	.83	.77	.62	.79	.73	.68	.74	.69	.65	.70	.66	.63	.60	.66	.60	
3	.86	.75	.66	.59	.83	.73	.65	.52	.69	.62	.56	.65	.59	.54	.61	.57	.53	.50	.57	.50	
4	.79	.66	.57	.50	.76	.64	.56	.44	.61	.53	.48	.58	.51	.46	.55	.49	.45	.42	.49	.42	
5	.72	.59	.50	.43	.70	.57	.49	.38	.54	.47	.41	.52	.45	.40	.49	.43	.39	.36	.43	.36	
6	.67	.53	.44	.37	.64	.52	.43	.34	.49	.41	.36	.47	.40	.35	.44	.39	.34	.32	.39	.32	
7	.62	.48	.39	.33	.60	.47	.38	.30	.45	.37	.32	.42	.36	.31	.40	.35	.30	.28	.35	.28	
8	.57	.44	.35	.29	.55	.43	.34	.27	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25	.31	.25	
9	.54	.40	.32	.26	.52	.39	.31	.24	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22	.28	.22	
10	.50	.37	.29	.24	.49	.36	.28	.22	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20	.26	.20	

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LVTS2-45-MVD-MCT (3000K)



OUTDOOR PHOTOMETRIC REPORT
 CATALOG: LVTS2-45-MVD-MCT (3000K)

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	1602	1628	1628	1633	1634	1630	1602	1628	1628	1633	1634	1630	1602
5	1605	1622	1621	1618	1620	1616	1594	1617	1618	1630	1631	1629	1605
10	1604	1599	1599	1585	1590	1584	1581	1594	1594	1609	1612	1614	1604
15	1591	1571	1560	1536	1544	1546	1558	1558	1552	1570	1576	1587	1591
20	1560	1535	1507	1470	1485	1498	1518	1509	1496	1515	1525	1546	1560
25	1515	1489	1441	1391	1411	1441	1463	1447	1425	1445	1460	1493	1515
30	1457	1431	1363	1299	1327	1374	1397	1374	1343	1360	1381	1428	1457
35	1389	1360	1276	1198	1233	1294	1321	1291	1249	1264	1290	1351	1389
40	1311	1279	1179	1089	1130	1204	1235	1199	1146	1158	1190	1265	1311
45	1224	1188	1075	974	1021	1107	1142	1100	1036	1044	1083	1170	1224
50	1129	1091	966	856	908	1006	1045	997	921	926	969	1069	1129
55	1032	990	855	736	793	902	945	891	804	804	853	964	1032
60	931	888	743	615	679	798	845	786	687	680	735	857	931
65	830	786	633	495	567	697	746	683	571	557	619	753	830
70	731	686	526	380	461	599	649	583	462	436	505	650	731
75	634	589	428	272	364	507	556	490	361	321	400	552	634
80	543	498	338	171	278	421	469	403	271	215	305	461	543
85	456	415	259	88	205	343	389	325	195	123	220	377	456
90	378	339	192	40	147	275	318	257	135	50	154	302	378
95	307	272	140	33	99	214	254	198	91	35	105	237	307
100	245	214	92	28	67	155	199	145	57	29	68	182	245
105	188	156	65	25	46	116	147	104	39	25	44	128	188
110	140	117	45	23	32	84	109	74	26	22	29	93	140
115	103	85	30	21	27	59	77	51	24	19	22	65	103
120	72	59	23	20	24	40	52	34	22	18	20	43	72
125	49	40	21	20	22	28	35	25	21	17	19	28	49
130	30	25	19	20	21	25	26	24	21	16	18	22	30
135	24	22	18	20	21	23	25	23	20	17	18	21	24
140	23	21	18	20	21	23	24	23	20	17	18	21	23
145	22	20	18	21	21	22	23	22	21	18	18	20	22
150	21	20	19	21	21	22	23	22	21	18	19	20	21
155	21	20	19	22	21	21	22	22	21	19	19	20	21
160	21	20	20	22	21	21	22	22	21	20	20	20	21
165	21	20	20	23	22	21	22	22	22	21	20	21	21
170	21	21	21	23	22	22	22	22	22	22	21	21	21
175	22	21	21	23	23	22	22	22	22	23	22	21	22
180	22	22	22	22	22	22	22	22	22	22	22	22	22