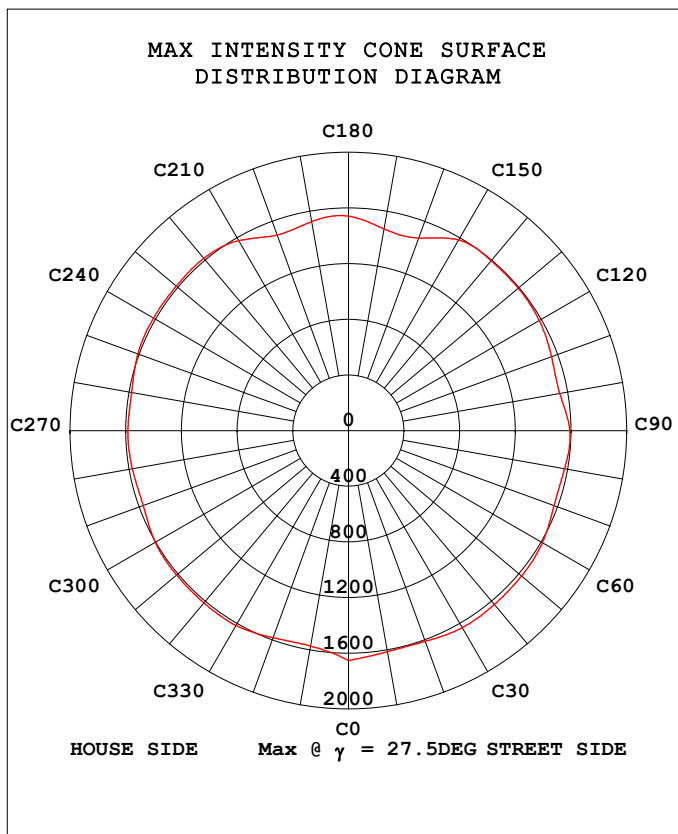
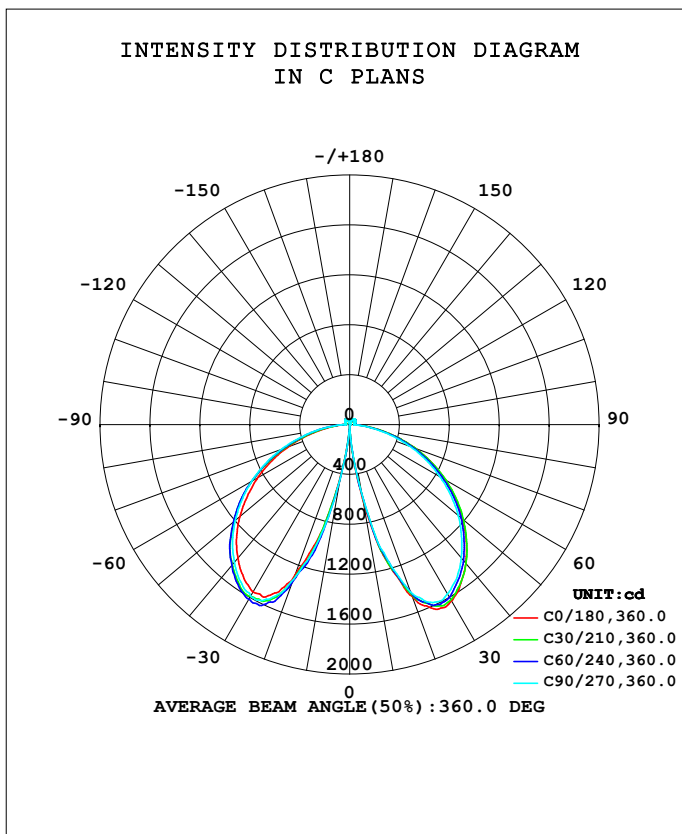


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 109.84 lm/W
MODEL	DLW-LED-043C-3030-50W	I _{max} (cd)	1651	η street_up (%)	2.5	
NOMINAL POWER (W)	50	LOR (%)	100.0	η street_down (%)	46.8	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5380	η house_up (%)	2.5	
NOMINAL FLUX (lm)	5379.95	MAXIMUM @ (C, γ)	0,27.5	η house_down (%)	48.3	
LAMPS INSIDE	1	η up (%)	4.9	76 FLASHAREA (m2)	0.00100	
TEST VOLTAGE (V)	220	η down (%)	95.1	SLI	18.817	

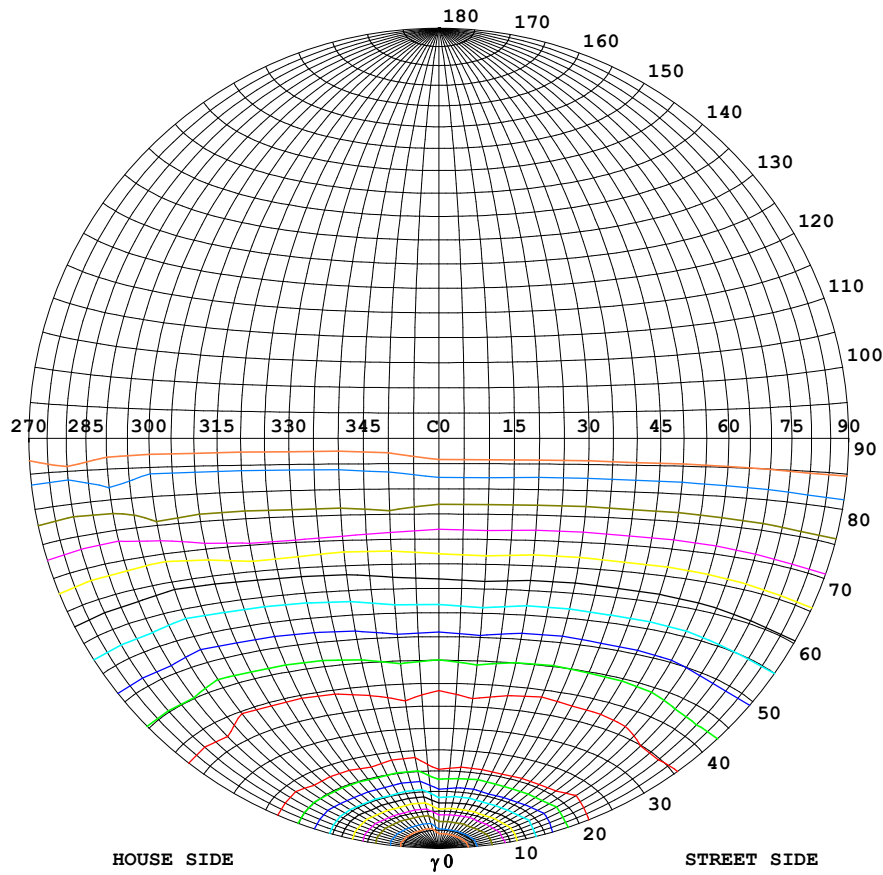


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:9.780m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



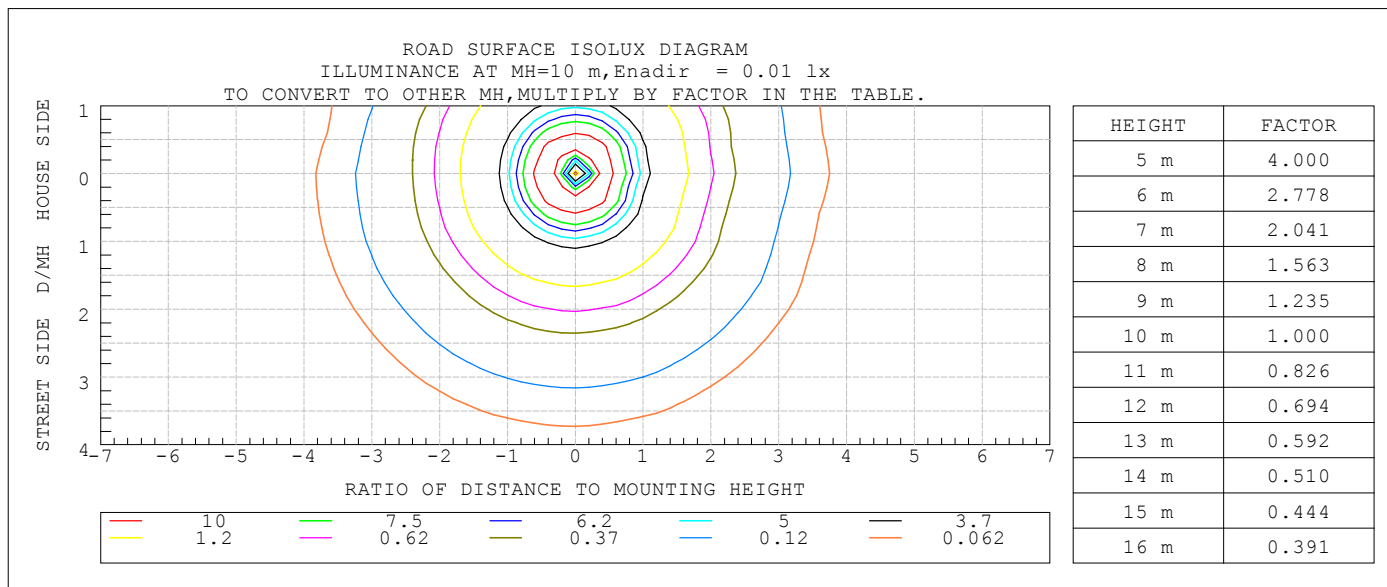
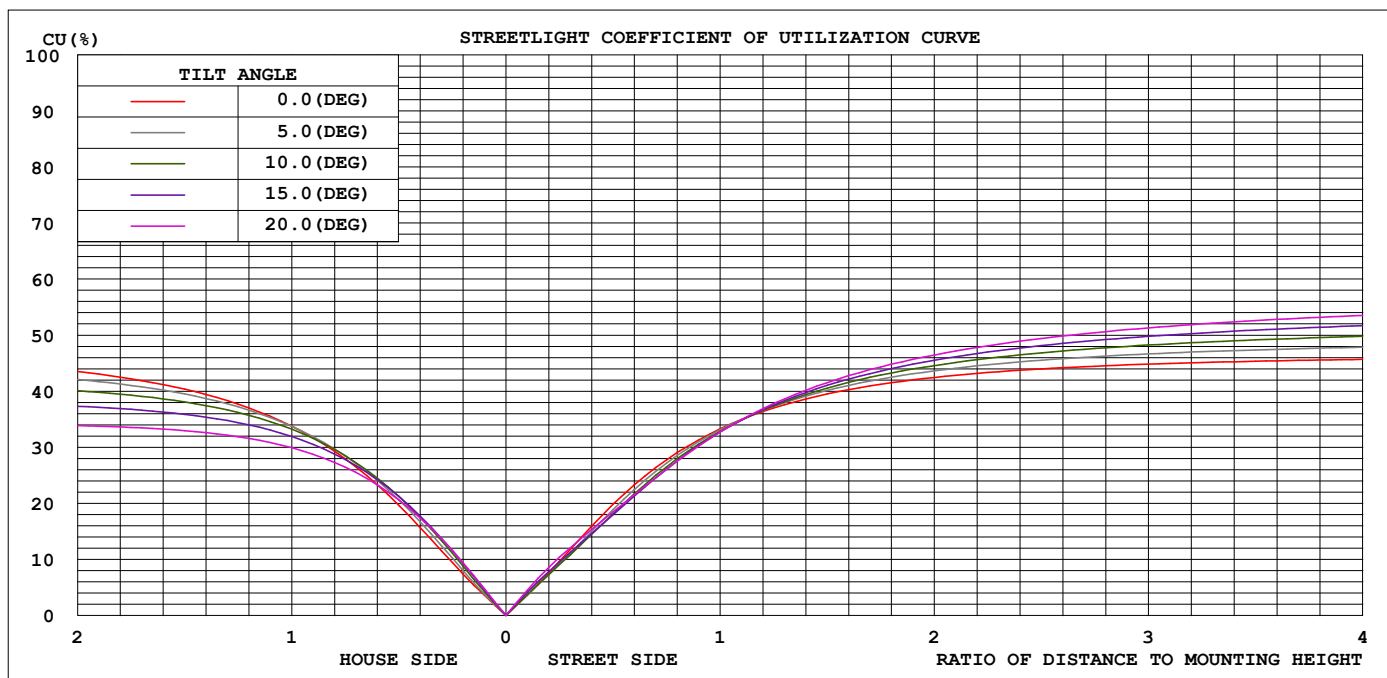
Classification:

IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:50.26cd/klm
 Max.At90:8.100cd/klm
 Max.80-90:50.26cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1651
90%	1486
80%	1321
70%	1156
60%	991
50%	826
40%	661
30%	495
20%	330
10%	165
5%	83

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
 Humidity:65.0%
 Test Distance:9.780m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: DAMIN
Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 9.780m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

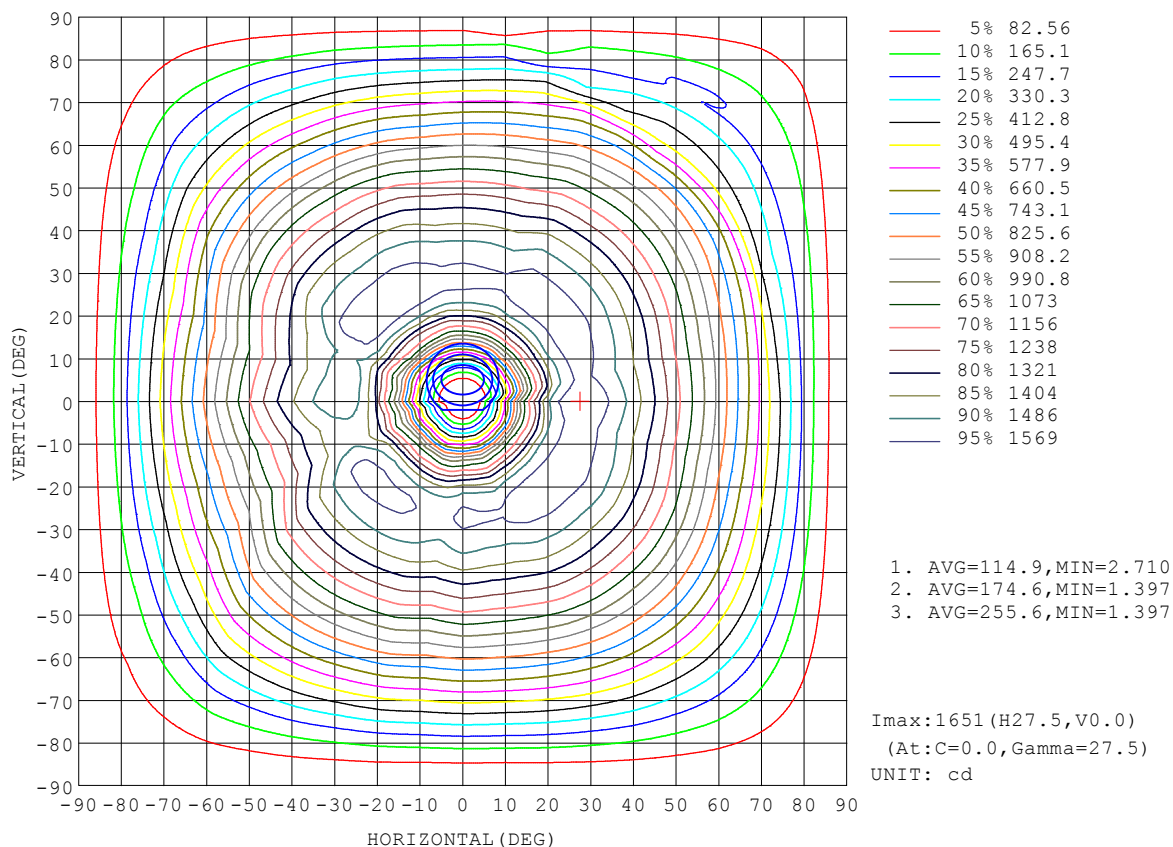
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	603.0	592.6	555.1	585.0	399.6	420.4	436.7	440.6	0- 10	22.79	22.79	0.42,0.42
20	1464	1452	1429	1430	1285	1340	1318	1336	10- 20	290.5	313.3	5.82,5.82
30	1633	1609	1568	1582	1549	1621	1588	1625	20- 30	709.9	1023	19,19
40	1450	1434	1392	1398	1395	1464	1440	1472	30- 40	945.8	1969	36.6,36.6
50	1183	1178	1138	1142	1150	1209	1197	1217	40- 50	1003	2972	55.2,55.2
60	886.5	877.8	837.0	845.6	850.0	898.3	906.3	934.3	50- 60	917.6	3890	72.3,72.3
70	561.2	552.0	516.2	518.4	525.2	555.6	583.6	530.7	60- 70	705.7	4596	85.4,85.4
80	230.5	225.8	203.2	199.1	210.0	247.1	261.6	237.3	70- 80	397.2	4993	92.8,92.8
90	37.86	38.93	38.26	39.01	36.54	42.94	39.03	42.43	80- 90	121.9	5115	95.1,95.1
100	36.37	37.31	36.98	37.46	35.07	36.88	37.95	36.89	90-100	40.48	5155	95.8,95.8
110	41.91	41.98	41.56	42.11	39.58	40.95	41.14	41.50	100-110	41.31	5196	96.6,96.6
120	47.17	47.50	47.25	47.50	44.91	45.83	47.06	46.95	110-120	43.75	5240	97.4,97.4
130	52.69	52.99	52.66	53.31	50.85	51.27	52.49	52.41	120-130	44.37	5285	98.2,98.2
140	57.53	54.99	57.22	56.42	56.15	55.48	56.72	56.20	130-140	42.22	5327	99,99
150	52.45	33.39	51.48	38.79	55.28	42.58	49.64	42.51	140-150	33.88	5361	99.6,99.6
160	23.79	12.42	17.18	12.29	30.83	8.956	26.83	11.09	150-160	15.93	5377	99.9,99.9
170	5.948	5.148	5.146	5.386	5.229	4.855	4.528	4.524	160-170	2.767	5379	100,100
180	4.572	4.592	4.524	4.663	4.572	4.565	4.470	4.643	170-180	0.5466	5380	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:9.780m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

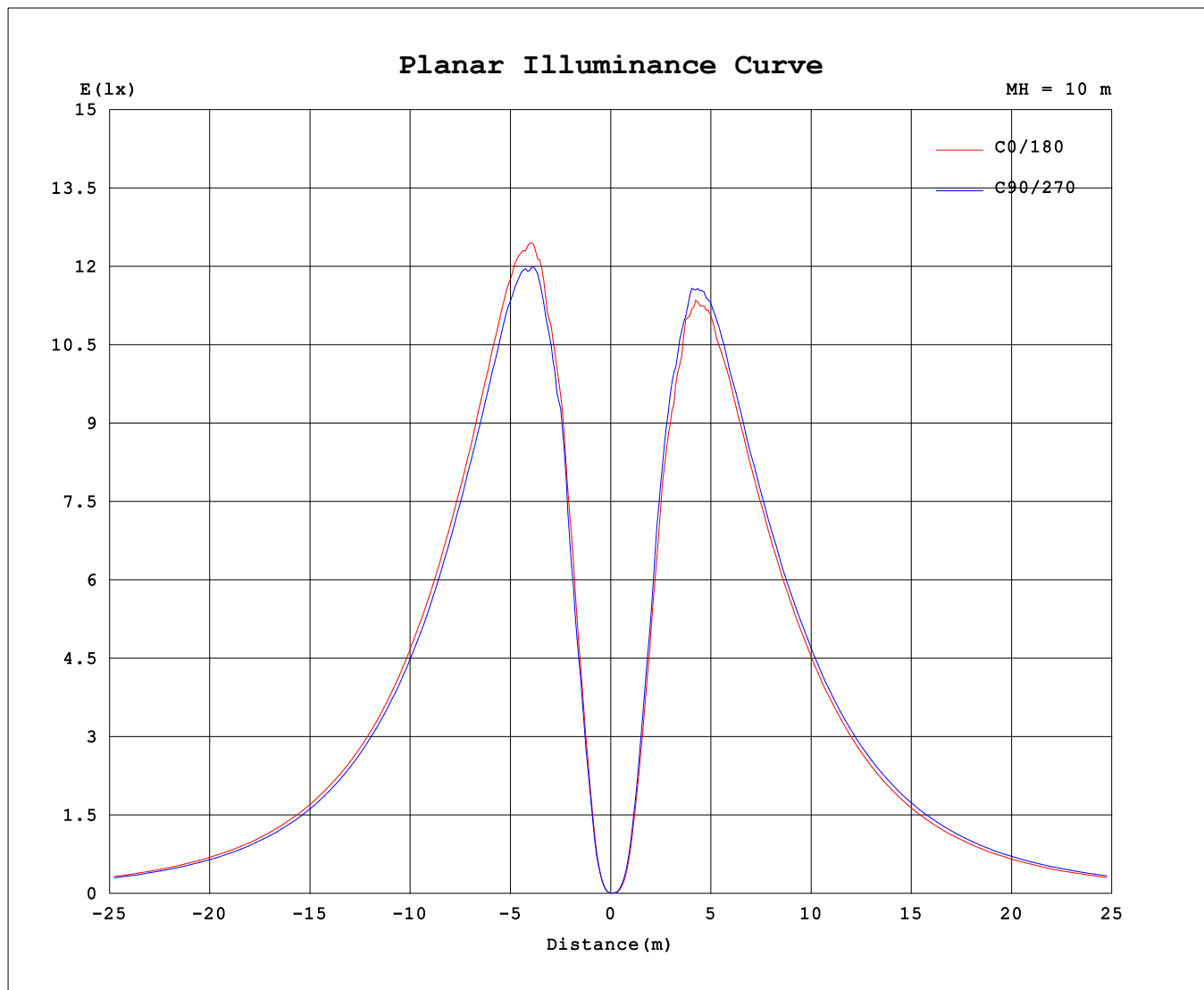
NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:9.780m [K=1.0000]
Remarks:

Planar Illuminance Curve

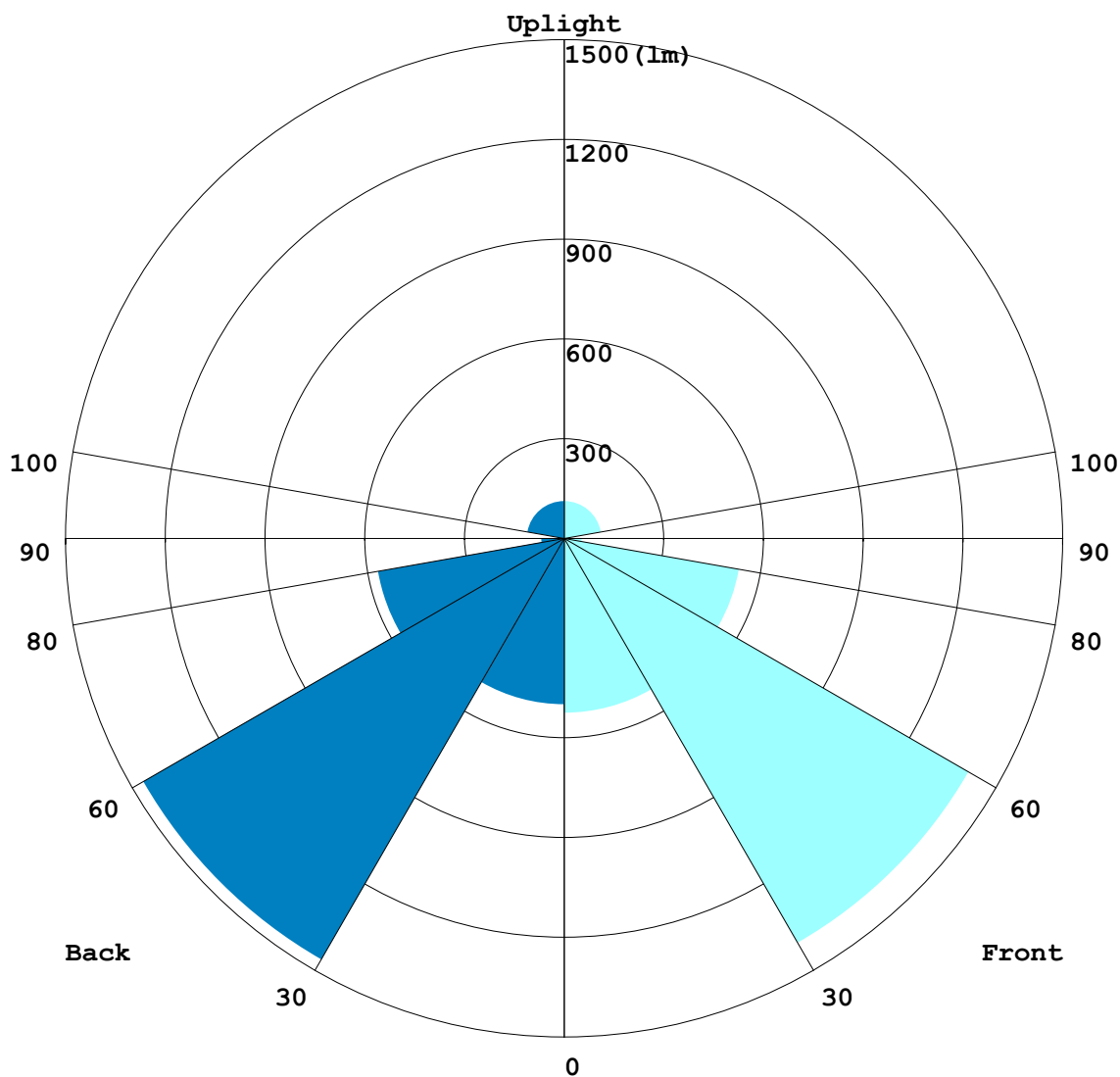


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: DAMIN
Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 9.780m [K=1.0000]
Remarks:

LCS REPORT

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.464
 Humidity: 65.0%
 Test Distance: 9.780m [K=1.0000]
 Remarks:

BUG REPORT

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	524.48	9.7
FM - Front-Medium(30-60)	1404.6	26.1
FH - Front-High(60-80)	533.71	9.9
FVH - Front-Very High(80-90)	53.015	1.0
Total Forward Light	2648.4	49.2

BL - Back-Low(0-30)	498.73	9.3
BM - Back-Medium(30-60)	1462.2	27.2
BH - Back-High(60-80)	569.16	10.6
BVH - Back-Very High(80-90)	68.864	1.3
Total Back Light	2731.6	50.8

UL - Uplight-Low(90-100)	40.484	0.8
UH - Uplight-High(100-180)	224.77	4.2
Total Up Light	265.25	4.9

BUG(Back,Up,Glare) Rating	B2-U3-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2598.9	132.66	2731.6
Street Side	2515.8	132.59	2648.4

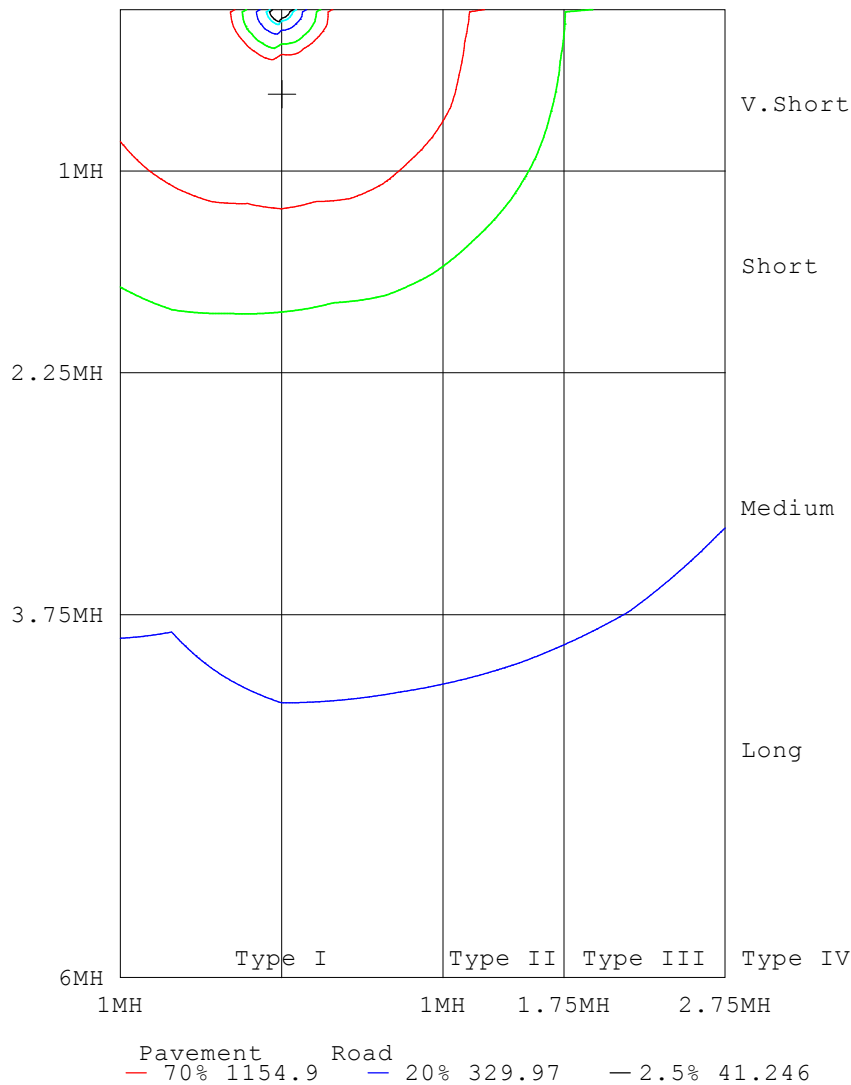
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:9.780m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2023-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 9.780m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1.40	1.40	1.38	1.41	1.38	1.39	1.40	1.43	1.44	1.55	1.60	1.68	1.78	1.91	2.14	2.36	2.77	2.90	1.40
5	146	142	149	145	151	147	143	137	139	136	143	137	143	138	145	136	136	128	58.6
10	603	580	581	567	595	590	568	551	570	555	557	528	553	582	588	544	509	518	400
15	1116	1095	1085	1112	1133	1109	1094	1057	1084	1062	1041	1041	1084	1102	1091	1053	993	984	903
20	1464	1427	1415	1445	1451	1454	1428	1389	1411	1429	1381	1376	1399	1415	1444	1409	1302	1307	1285
25	1633	1585	1592	1602	1606	1605	1600	1548	1557	1573	1524	1541	1567	1565	1583	1556	1435	1452	1510
30	1633	1596	1604	1621	1612	1607	1599	1562	1553	1568	1519	1540	1565	1577	1587	1577	1454	1455	1549
35	1553	1518	1537	1551	1537	1530	1519	1485	1481	1499	1457	1484	1500	1505	1505	1498	1380	1389	1488
40	1450	1418	1443	1452	1437	1431	1420	1388	1379	1392	1357	1387	1392	1397	1399	1396	1275	1292	1395
45	1323	1299	1322	1327	1314	1308	1297	1269	1257	1268	1237	1268	1271	1274	1277	1274	1157	1176	1283
50	1183	1166	1189	1192	1180	1176	1167	1142	1130	1138	1106	1137	1138	1142	1143	1142	1032	1053	1150
55	1039	1024	1047	1047	1035	1031	1021	999	987	990	964	995	994	998	998	996	898	915	1001
60	886	873	891	891	881	875	864	848	835	837	820	846	844	846	845	845	764	776	850
65	727	715	730	729	718	714	705	691	680	678	665	684	681	684	683	684	622	628	690
70	561	554	564	562	553	550	542	529	517	516	506	520	517	519	518	521	476	476	525
75	394	391	394	394	386	384	375	366	354	354	347	357	351	354	352	357	327	322	363
80	231	230	234	233	227	225	217	211	204	203	198	202	199	200	198	201	184	177	210
85	99.4	97.6	98.7	97.7	93.2	90.9	86.0	81.1	75.9	76.8	75.2	79.0	77.9	79.1	77.9	79.5	75.2	75.7	99.2
90	37.9	38.6	39.2	39.4	39.1	38.8	39.6	39.3	38.7	38.3	38.8	39.1	39.1	39.1	38.9	38.3	38.3	37.5	36.5
95	35.6	36.1	35.8	36.3	35.6	36.3	36.6	36.6	36.1	35.6	36.1	36.4	36.4	36.3	37.3	36.6	36.9	36.5	35.4
100	36.4	36.8	36.7	36.9	36.8	37.8	38.2	38.2	37.8	37.0	38.0	38.5	38.0	37.2	37.7	36.9	36.3	35.9	35.1
105	38.9	39.2	39.0	39.2	39.2	39.6	39.8	39.9	39.7	39.1	39.6	39.6	39.4	39.4	40.0	39.0	38.8	37.8	36.7
110	41.9	42.2	41.7	41.7	41.8	42.1	42.3	42.4	42.1	41.6	42.0	42.2	42.1	42.0	42.2	41.2	41.1	40.9	39.6
115	44.5	44.7	44.4	44.4	44.5	44.8	44.8	45.0	44.9	44.7	44.9	45.1	44.7	44.6	44.7	43.5	42.9	42.6	42.5
120	47.2	47.4	47.1	47.2	47.3	47.7	47.5	47.5	47.5	47.3	47.5	47.7	47.8	47.6	47.4	46.0	45.4	44.8	44.9
125	50.0	50.1	49.9	49.9	50.1	50.7	50.3	50.2	50.2	50.0	50.2	50.5	50.7	50.8	50.3	48.9	48.1	47.4	47.6
130	52.7	52.7	52.5	52.5	52.7	53.3	52.9	52.8	52.8	52.7	52.7	53.1	53.2	53.6	53.1	51.7	50.4	50.5	50.8
135	55.5	55.4	55.1	55.0	54.7	55.4	55.4	55.2	55.3	55.2	55.1	55.4	55.5	55.9	55.5	54.4	53.4	52.9	53.8
140	57.5	57.2	56.6	55.6	54.7	55.2	57.0	57.1	57.2	57.2	56.9	56.9	56.6	56.6	56.3	56.5	55.4	55.2	56.1
145	57.0	56.1	55.5	51.9	47.2	49.7	55.6	56.2	56.5	56.5	56.1	55.9	54.7	51.7	53.0	55.6	55.1	55.3	57.3
150	52.4	49.5	46.5	40.2	31.8	34.9	46.3	52.2	52.2	51.5	52.6	51.1	42.1	37.6	40.0	50.9	51.8	52.6	55.3
155	39.8	35.4	31.2	24.1	17.9	22.0	34.5	37.6	37.0	35.9	37.8	37.3	30.6	18.9	25.9	34.9	38.6	42.2	48.8
160	23.8	19.9	16.6	12.6	11.3	13.5	15.6	17.8	17.9	17.2	18.7	17.1	14.9	13.1	11.5	18.3	23.0	26.2	30.8
165	9.17	8.43	7.50	5.72	4.40	5.87	6.94	7.32	6.80	6.50	7.14	7.46	7.11	5.43	4.87	6.45	7.26	7.81	10.6
170	5.95	6.47	6.47	5.54	4.95	5.35	6.17	6.07	5.45	5.15	5.68	6.44	6.30	5.49	5.28	5.92	6.60	6.24	5.23
175	5.98	5.91	5.68	5.41	5.15	5.02	5.08	5.18	5.28	5.36	5.36	5.27	5.23	5.23	5.46	5.67	5.88	6.03	7.01
180	4.57	4.57	4.56	4.56	4.59	4.59	4.54	4.52	4.54	4.52	4.55	4.54	4.63	4.64	4.69	4.63	4.61	4.59	4.57

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:DAMIN

Test Date:2023-11-16

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464

Humidity:65.0%

Test Distance:9.780m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED GARDEN LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1.40	1.38	1.41	1.38	1.39	1.40	1.43	1.44	1.55	1.60	1.68	1.78	1.91	2.14	2.36	2.77	2.90		
5	60.1	55.0	60.1	58.6	63.6	62.1	66.4	64.3	68.4	64.2	68.5	65.3	68.7	65.1	66.8	61.9	63.1		
10	429	412	418	411	429	424	430	427	437	426	432	427	442	439	443	426	440		
15	950	901	914	985	1001	986	971	939	950	946	943	955	974	964	972	949	950		
20	1278	1238	1326	1337	1343	1345	1336	1316	1318	1319	1318	1333	1339	1334	1339	1312	1311		
25	1506	1472	1558	1588	1592	1586	1566	1537	1546	1533	1527	1549	1562	1552	1554	1537	1527		
30	1524	1494	1591	1627	1614	1616	1617	1587	1588	1589	1580	1616	1626	1625	1620	1594	1576		
35	1447	1458	1552	1557	1555	1564	1556	1527	1529	1524	1518	1563	1559	1557	1558	1538	1512		
40	1345	1391	1464	1466	1463	1470	1465	1438	1440	1437	1431	1476	1472	1473	1468	1448	1421		
45	1228	1294	1355	1355	1352	1361	1359	1331	1330	1326	1324	1362	1357	1357	1353	1336	1307		
50	1099	1176	1213	1212	1207	1217	1220	1197	1197	1195	1193	1224	1217	1218	1214	1202	1173		
55	960	1044	1068	1067	1063	1072	1073	1054	1056	1057	1058	1086	1080	1080	1077	1066	1038		
60	812	891	902	900	897	907	912	900	906	910	914	938	934	934	932	923	896		
65	657	724	729	730	727	738	743	735	748	757	762	782	776	755	763	767	746		
70	498	552	551	555	557	569	577	576	584	596	601	611	552	509	512	539	566		
75	340	378	380	389	394	407	411	409	416	429	437	353	359	376	370	364	342		
80	203	229	234	244	250	261	262	260	262	270	202	229	223	252	254	234	214		
85	94.9	99.5	102	107	109	115	119	120	124	109	120	136	136	140	138	138	125		
90	37.2	38.5	41.1	42.6	43.2	43.5	43.0	42.0	39.0	38.0	40.8	42.0	41.9	43.0	42.8	43.6	42.0		
95	35.9	36.7	38.5	37.1	36.5	37.3	36.4	35.9	36.4	36.9	36.3	36.3	36.0	36.1	36.4	36.3	36.6		
100	34.4	34.1	35.4	35.9	37.8	39.6	38.9	39.1	37.9	38.3	37.4	37.8	36.9	36.8	36.8	36.5	36.4		
105	36.6	36.4	37.3	37.9	38.5	39.2	39.8	40.6	39.6	39.4	39.3	39.1	38.6	38.8	38.8	38.5	38.5		
110	39.4	39.0	39.6	40.4	41.5	41.7	41.7	41.8	41.1	41.5	41.8	41.7	41.5	41.5	41.4	41.2	41.4		
115	42.1	41.9	42.2	42.7	43.9	44.5	45.0	45.2	44.5	44.6	44.6	44.5	44.1	44.2	44.0	43.9	44.0		
120	44.7	44.7	44.8	45.2	46.4	47.0	47.5	47.7	47.1	47.2	47.4	47.2	46.9	47.1	46.8	46.6	46.5		
125	47.5	47.5	47.5	47.9	49.1	49.7	50.2	50.4	49.9	50.0	50.1	49.9	49.6	49.8	49.5	49.3	49.1		
130	50.3	50.2	50.2	50.7	51.8	52.4	52.7	52.9	52.5	52.6	52.6	52.5	52.2	52.6	52.3	52.0	51.8		
135	53.7	53.2	52.8	53.5	54.4	54.8	55.0	55.2	55.1	55.3	55.1	54.9	54.8	55.1	55.0	54.6	54.4		
140	55.8	55.1	54.9	55.3	55.7	56.0	55.6	56.5	56.7	57.1	56.9	56.6	56.0	56.4	56.7	56.7	56.5		
145	56.4	55.7	54.1	54.7	52.3	52.9	53.5	54.0	54.9	56.5	56.4	55.6	54.1	53.3	55.2	56.4	56.1		
150	54.0	52.9	48.1	44.1	41.0	46.7	47.3	47.8	49.6	50.4	52.4	48.5	41.9	43.1	46.5	50.6	52.6		
155	44.4	40.1	30.7	25.6	26.5	37.0	39.4	40.4	37.5	37.0	37.4	33.4	24.9	23.5	30.6	37.5	39.5		
160	26.9	22.9	13.8	6.55	11.4	20.7	26.9	28.1	26.8	28.1	24.1	18.5	11.8	10.3	16.1	19.0	23.0		
165	8.38	7.13	5.22	4.09	5.36	6.63	9.33	9.24	8.40	8.44	8.60	6.33	5.24	5.81	7.77	8.55	9.73		
170	5.49	5.21	4.54	4.69	5.02	5.50	4.93	4.56	4.53	4.61	5.27	5.22	4.50	4.54	4.78	5.55	5.75		
175	6.70	6.18	5.77	5.52	5.68	5.93	6.22	6.39	6.36	6.06	5.68	5.36	5.29	5.52	6.02	6.56	6.89		
180	4.54	4.54	4.59	4.59	4.54	4.52	4.47	4.49	4.47	4.50	4.55	4.59	4.63	4.66	4.56	4.57	4.54		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:9.780m [K=1.0000]
Remarks: