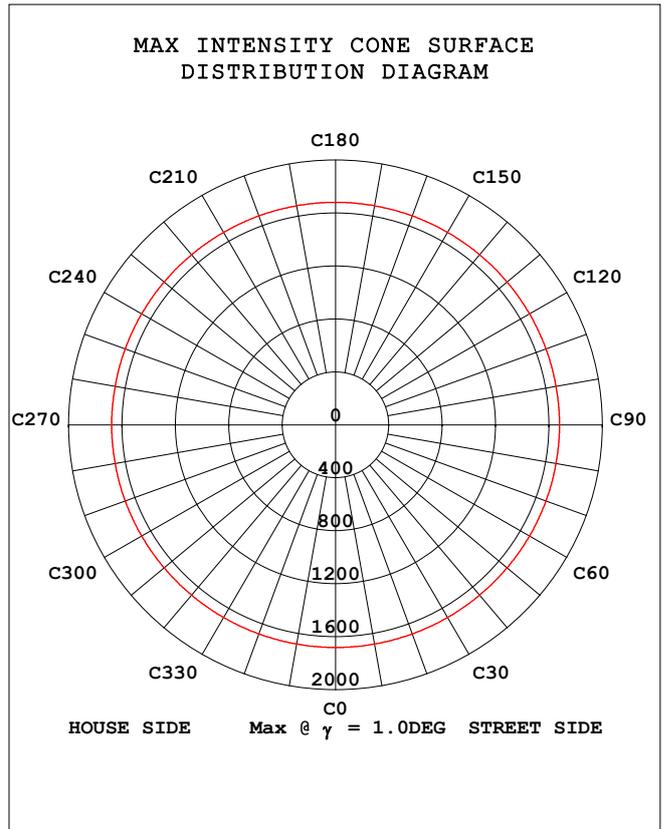
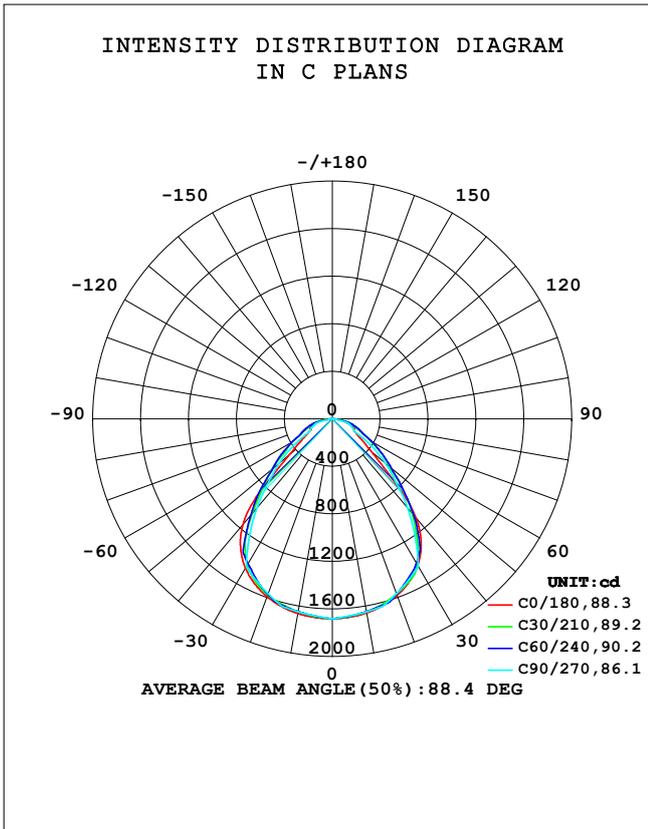


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SKB240	Imax (cd)	1681	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	240	LOR (%)	100.0	$\eta$ street_down (%)	49.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	3550	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	3550.23	MAXIMUM @ (C, $\gamma$ )	180,1.0	$\eta$ house_down (%)	50.1
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	120.0	$\eta$ down (%)	100.0	SLI	17.749

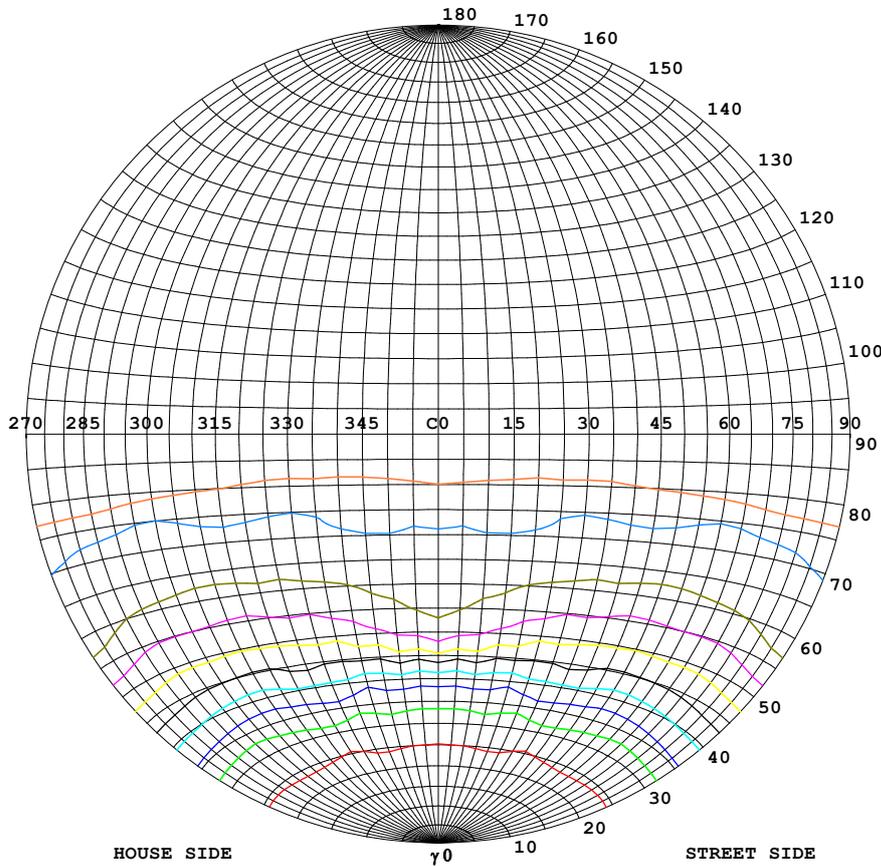


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



Classification:

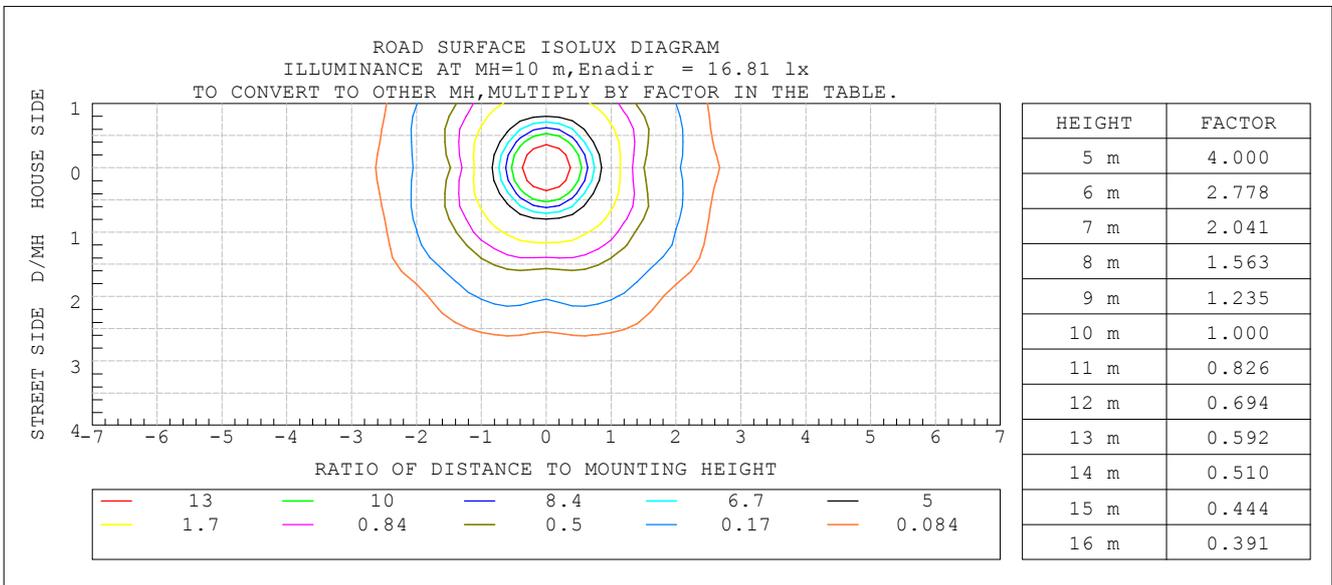
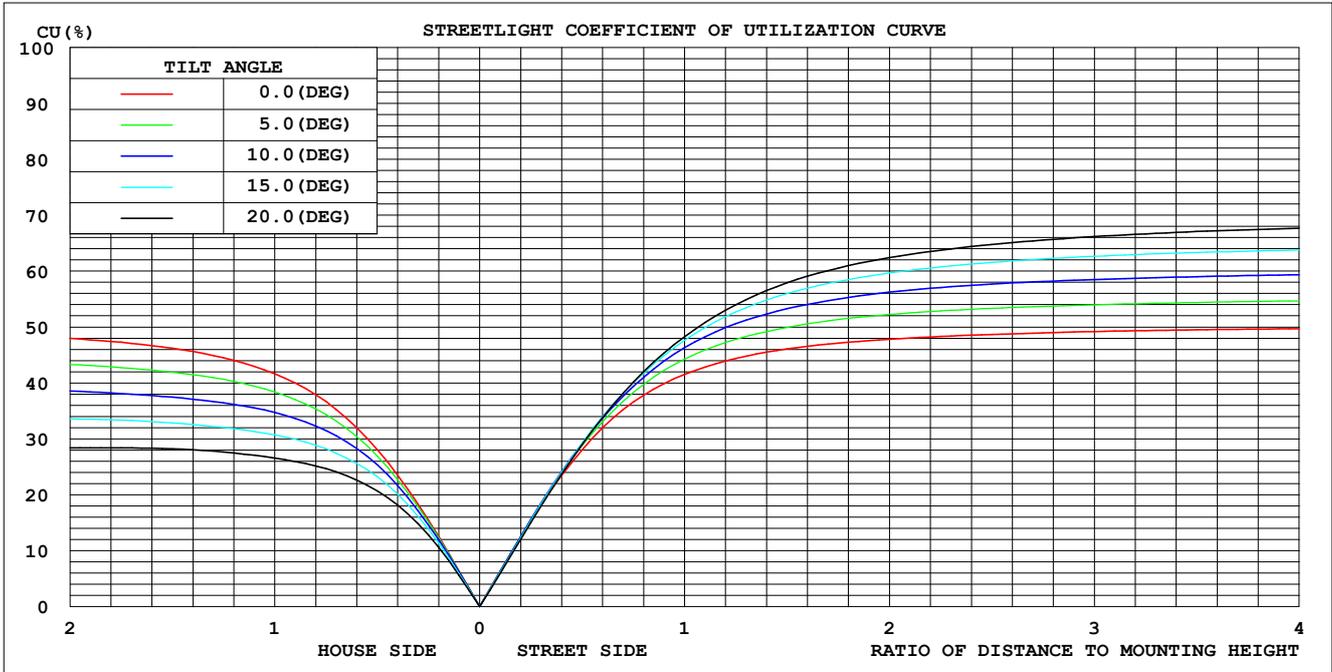
IES:Type V - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:30.07cd/klm  
 Max.At90:0.6468cd/klm  
 Max.80-90:30.07cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1681
90%	1513
80%	1345
70%	1177
60%	1009
50%	841
40%	673
30%	504
20%	336
10%	168
5%	84

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:倪娟  
 Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.060m [K=1.0000]  
 Remarks: 21110326-113

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

ZONAL FLUX DIAGRAM

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

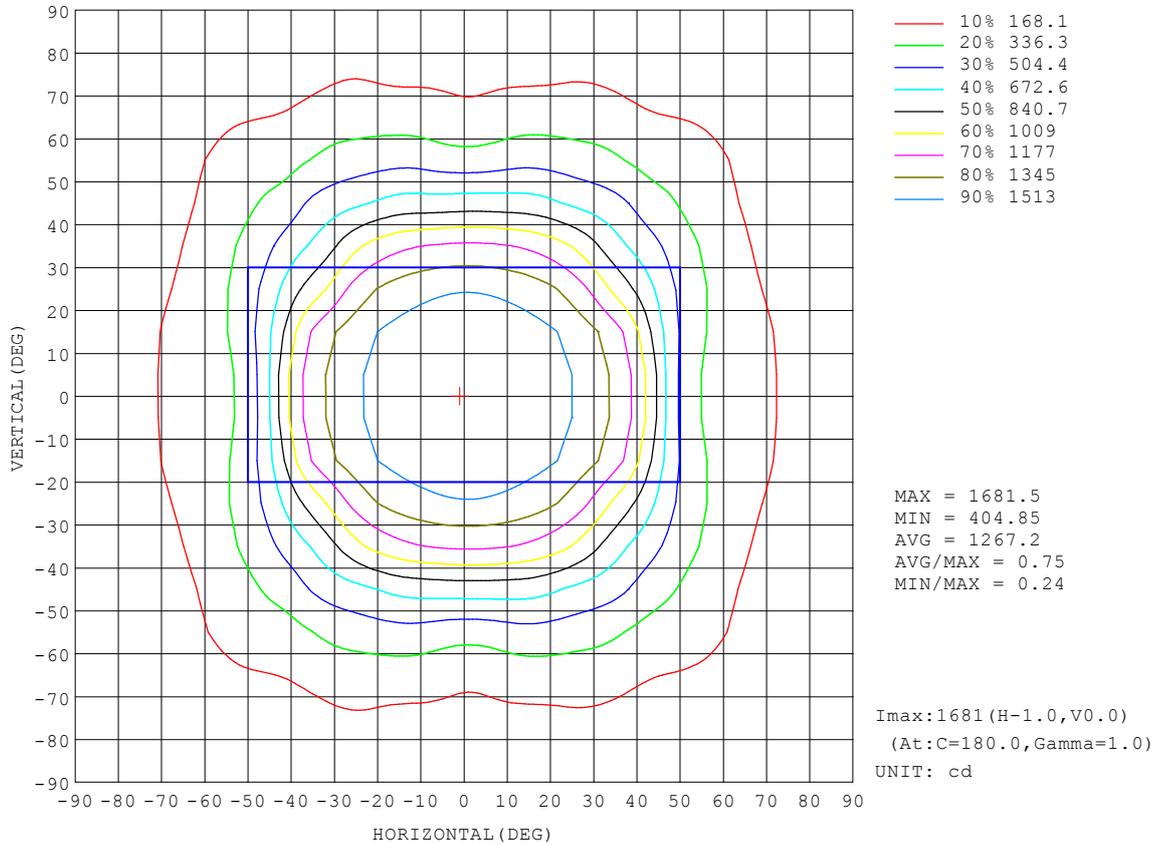
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1658	1646	1649	1647	1663	1647	1648	1646	0- 10	158.7	158.7	4.47,4.47
20	1581	1585	1567	1582	1593	1581	1567	1585	10- 20	457.7	616.4	17.4,17.4
30	1426	1390	1435	1396	1451	1399	1438	1389	20- 30	692.2	1309	36.9,36.9
40	1087	1056	979.3	1086	1164	1099	980.9	1052	30- 40	782.1	2091	58.9,58.9
50	421.3	657.0	574.6	672.9	467.5	681.8	576.7	653.1	40- 50	625.9	2717	76.5,76.5
60	219.6	386.1	221.4	394.0	230.1	405.7	225.3	385.7	50- 60	412.7	3129	88.1,88.1
70	179.0	193.5	162.2	192.4	190.5	196.5	166.6	196.3	60- 70	253.6	3383	95.3,95.3
80	84.13	78.62	0	74.92	98.38	79.13	0	81.53	70- 80	147.9	3531	99.5,99.5
90	0.4778	0	0	0	2.296	0	0	0	80- 90	19.43	3550	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

**ISOCANDELA DIAGRAM**

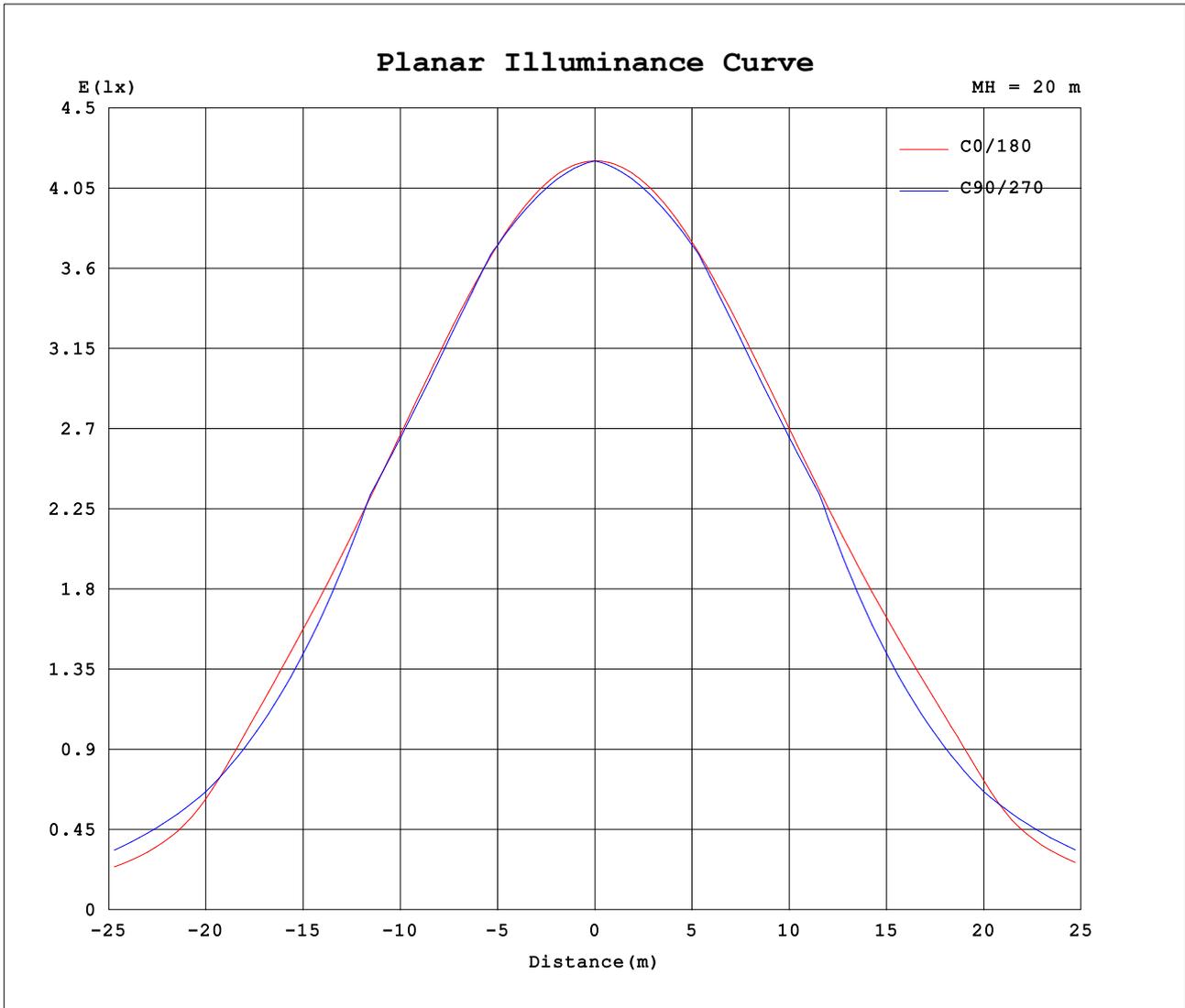
Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:倪娟  
 Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.060m [K=1.0000]  
 Remarks: 21110326-113

**Planar Illuminance Curve**



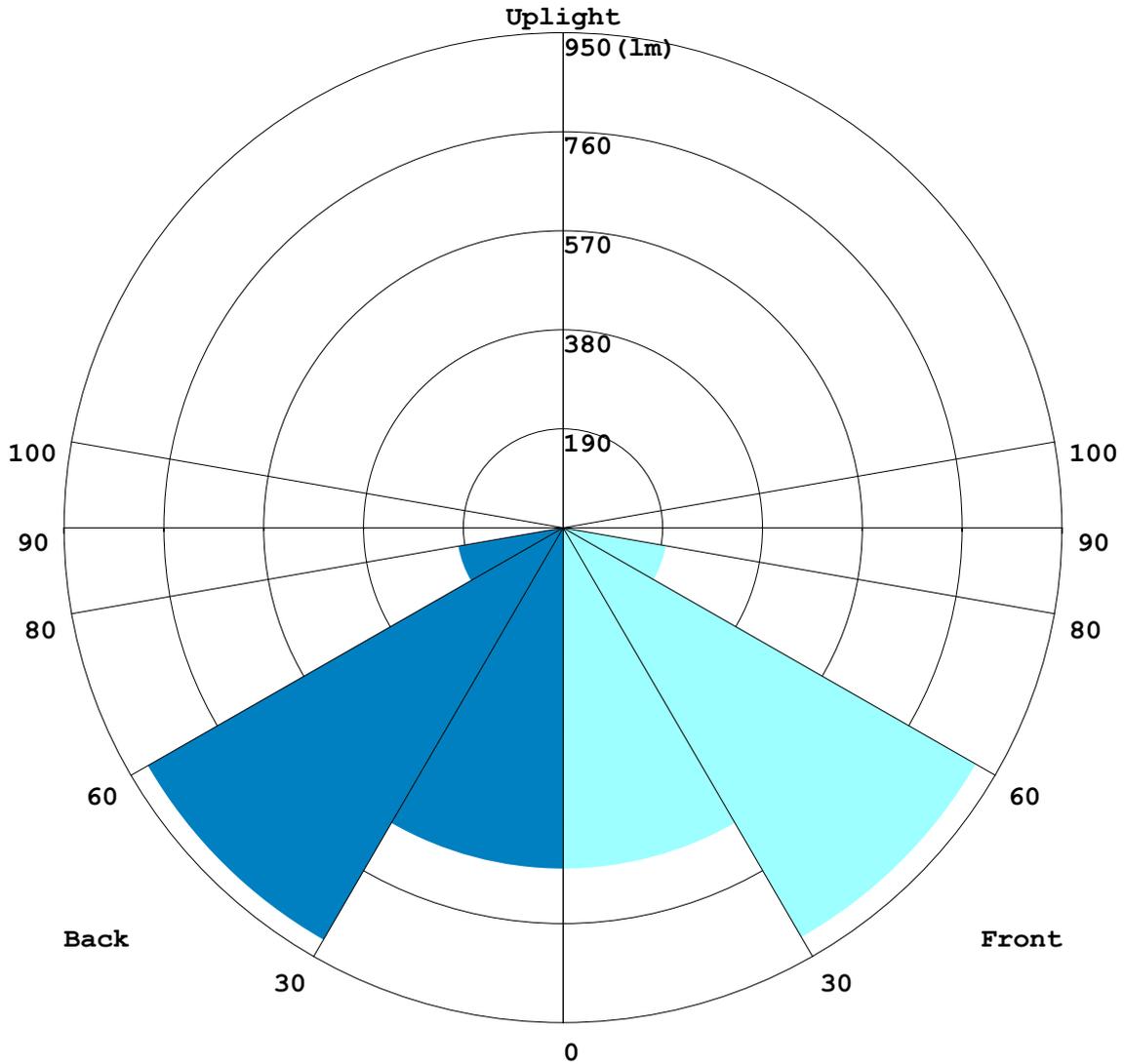
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

**LCS REPORT**

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

**BUG REPORT**

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	654.16	18.4
FM - Front-Medium(30-60)	907.87	25.6
FH - Front-High(60-80)	198.84	5.6
FVH - Front-Very High(80-90)	9.1879	0.3
Total Forward Light	1770.1	49.9

BL - Back-Low(0-30)	654.43	18.4
BM - Back-Medium(30-60)	912.81	25.7
BH - Back-High(60-80)	202.68	5.7
BVH - Back-Very High(80-90)	10.245	0.3
Total Back Light	1780.2	50.1

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1780.2	0	1780.2
Street Side	1770.1	0	1770.1

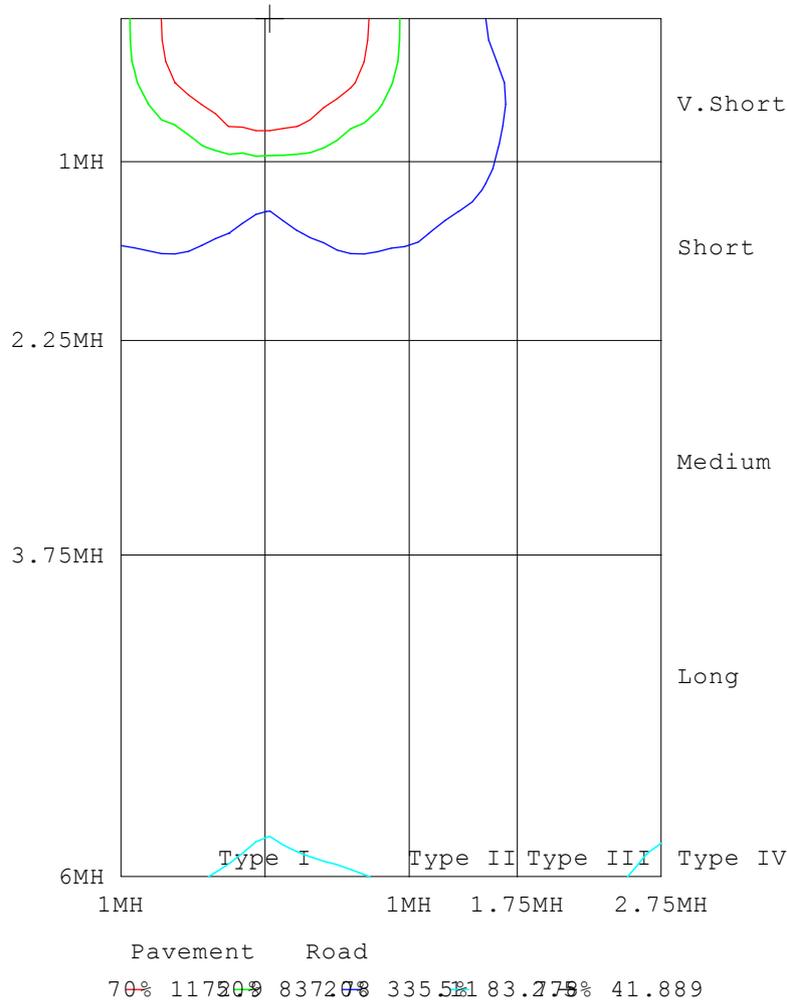
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:倪娟  
 Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.060m [K=1.0000]  
 Remarks: 21110326-113

ROAD ISOCANDELA REPORT

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681
5	1675	1674	1673	1672	1671	1670	1669	1669	1668	1667	1667	1667	1666	1666	1666	1665	1665	1665	1665
10	1658	1656	1654	1652	1651	1650	1650	1648	1647	1646	1646	1646	1646	1647	1647	1647	1648	1648	1649
15	1627	1625	1623	1621	1620	1617	1615	1614	1614	1616	1619	1622	1624	1627	1629	1630	1632	1632	1632
20	1581	1578	1577	1575	1570	1567	1567	1573	1579	1585	1583	1576	1571	1568	1566	1565	1565	1566	1567
25	1516	1513	1513	1504	1498	1502	1513	1525	1509	1497	1490	1489	1491	1493	1496	1498	1500	1501	1501
30	1426	1423	1420	1405	1407	1424	1418	1395	1384	1390	1396	1402	1405	1409	1415	1422	1428	1433	1435
35	1295	1298	1285	1269	1297	1282	1238	1234	1250	1258	1267	1279	1270	1256	1242	1228	1217	1210	1207
40	1087	1103	1069	1087	1113	1052	1038	1037	1032	1056	1075	1076	1060	1042	1023	1005	991	982	979
45	705	785	735	823	809	830	825	786	819	857	858	846	835	825	810	788	769	756	751
50	421	472	488	544	578	629	628	648	653	657	664	652	645	644	639	624	602	583	575
55	289	328	371	390	449	471	497	490	509	533	524	512	503	501	494	473	438	408	398
60	220	243	278	312	340	361	363	382	378	386	398	395	380	367	353	330	288	242	221
65	199	204	209	225	249	253	272	280	280	275	271	273	276	272	267	255	229	201	192
70	179	179	172	172	177	190	210	212	198	194	203	217	220	215	206	197	185	170	162
75	127	131	133	133	137	154	161	155	145	141	147	157	163	157	144	137	135	134	133
80	84.1	90.1	95.8	97.7	99.8	99.0	97.1	95.6	90.8	78.6	68.4	55.5	42.5	28.8	16.7	9.01	4.02	1.00	0.00
85	33.8	33.3	36.7	40.0	39.0	19.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681
5	1674	1673	1672	1670	1669	1668	1668	1667	1666	1666	1665	1665	1665	1665	1665	1665	1665	1665	1665
10	1656	1653	1650	1648	1647	1646	1646	1647	1647	1647	1648	1648	1648	1648	1649	1649	1648	1648	1648
15	1623	1618	1615	1616	1617	1619	1621	1621	1622	1623	1624	1626	1627	1629	1630	1631	1632	1632	1631
20	1574	1569	1571	1574	1578	1578	1579	1581	1580	1576	1573	1571	1570	1569	1568	1568	1567	1566	1566
25	1503	1505	1511	1513	1513	1517	1510	1506	1503	1499	1496	1495	1496	1498	1500	1502	1503	1502	1501
30	1413	1421	1424	1422	1417	1411	1408	1399	1397	1399	1408	1416	1424	1431	1436	1438	1438	1435	1430
35	1293	1309	1300	1285	1268	1250	1244	1263	1287	1307	1287	1265	1244	1227	1215	1210	1209	1212	1218
40	1111	1115	1108	1093	1041	1015	1056	1099	1092	1076	1062	1047	1026	1004	988	982	981	983	990
45	825	801	853	847	823	811	819	837	867	870	855	835	811	782	758	749	751	757	768
50	520	555	605	629	658	642	659	682	680	659	649	649	642	619	593	579	577	585	603
55	369	424	447	492	485	506	517	533	535	528	519	509	498	477	442	411	401	412	443
60	282	306	363	361	382	373	378	406	406	400	386	371	356	330	282	239	225	249	295
65	221	237	244	263	276	293	279	273	279	287	286	279	271	260	237	209	196	207	236
70	170	171	183	201	213	216	203	197	203	221	231	223	209	200	187	173	167	175	191
75	138	136	146	162	170	159	149	147	155	166	175	170	151	139	139	140	137	138	140
80	101	103	107	105	105	99.5	92.7	79.1	69.8	57.3	45.5	31.7	17.9	9.18	4.14	1.04	0.00	1.03	4.14
85	49.3	49.9	42.1	20.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:229.56V I:0.1778A P:39.214W PF:0.9606 Freq:49.99Hz Lamp Flux:3550.23x1 lm		
NAME:	TYPE:LED面板灯	WEIGHT:
SPEC.:595*595-42W	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681	1681				
5	1665	1666	1666	1666	1666	1667	1667	1668	1668	1669	1670	1671	1672	1673	1674				
10	1647	1647	1646	1646	1646	1646	1646	1647	1648	1650	1650	1651	1652	1654	1656				
15	1630	1629	1627	1624	1622	1619	1616	1614	1614	1615	1617	1620	1621	1623	1625				
20	1566	1566	1568	1571	1576	1583	1585	1579	1573	1567	1567	1570	1575	1577	1578				
25	1499	1496	1494	1491	1489	1490	1497	1508	1524	1512	1501	1497	1504	1512	1513				
30	1423	1417	1410	1405	1402	1396	1389	1383	1393	1417	1422	1406	1404	1419	1423				
35	1229	1242	1257	1270	1279	1265	1256	1248	1231	1234	1279	1294	1267	1283	1297				
40	1004	1023	1042	1060	1074	1073	1052	1026	1029	1031	1046	1107	1082	1065	1101				
45	786	808	824	833	844	855	852	810	777	819	825	804	818	733	783				
50	624	639	643	643	650	660	653	649	644	627	628	577	543	487	471				
55	477	497	502	503	511	524	533	508	488	497	472	450	389	369	327				
60	336	357	369	381	396	398	386	377	381	364	362	340	312	277	242				
65	261	272	276	279	275	270	276	282	282	273	254	249	224	206	202				
70	202	211	220	224	219	204	196	203	217	213	192	179	172	171	178				
75	141	150	164	168	160	150	144	150	160	166	158	139	134	134	131				
80	9.31	17.5	30.3	44.3	57.4	70.8	81.5	95.3	99.6	101	102	102	101	99.5	92.0				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.3	41.8	44.5	47.0	48.5				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:倪娟  
Test Date:2021-11-24

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.060m [K=1.0000]  
Remarks: 21110326-113