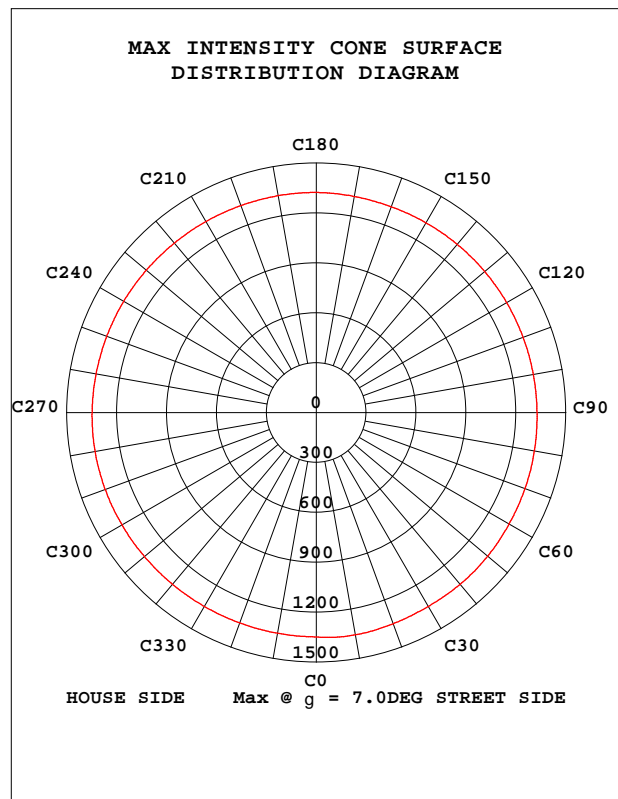
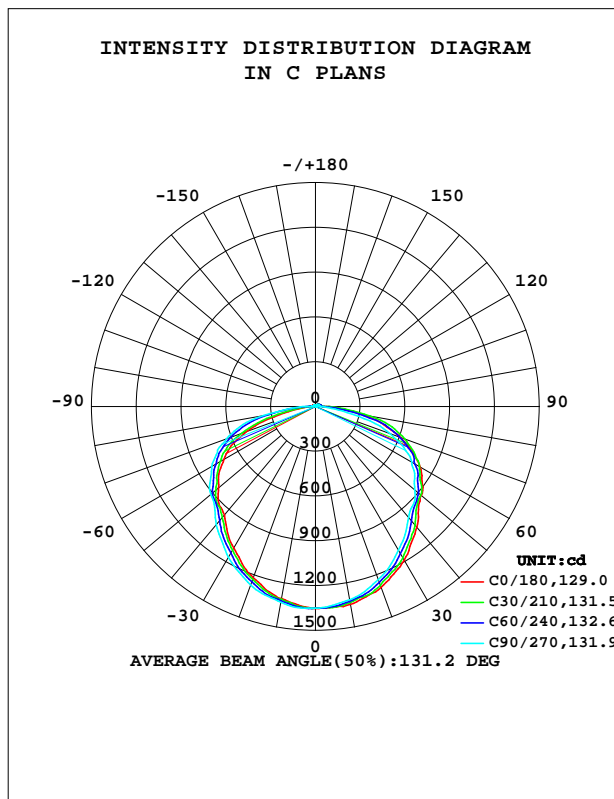


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 165.45 lm/W			
MODEL	2835-4000K	I <sub>max</sub> (cd)	1355	h street_up(%)	1.4
NOMINAL POWER(W)	28	LOR(%)	100.0	h street_down(%)	47.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4620	h house_up(%)	1.2
NOMINAL FLUX(lm)	4620.41	MAXIMUM @(C,g )	15,7.0	h house_down(%)	49.9
LAMPS INSIDE	1	h up(%)	2.6	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	h down(%)	97.4	SLI	21.376

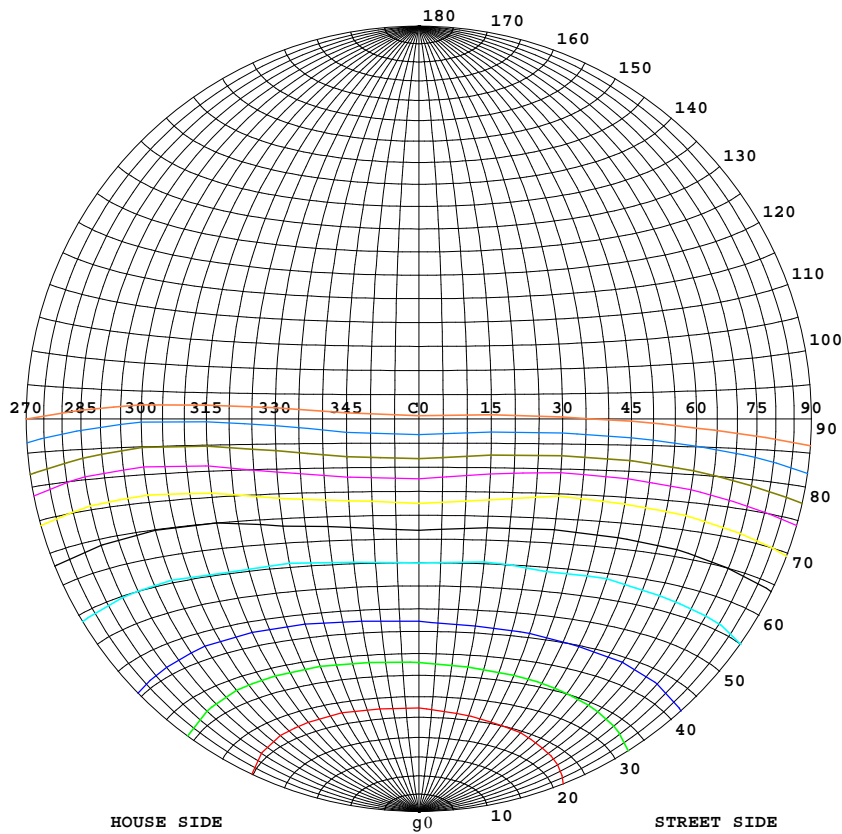


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:admin  
Test Date:2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:



### Classification:

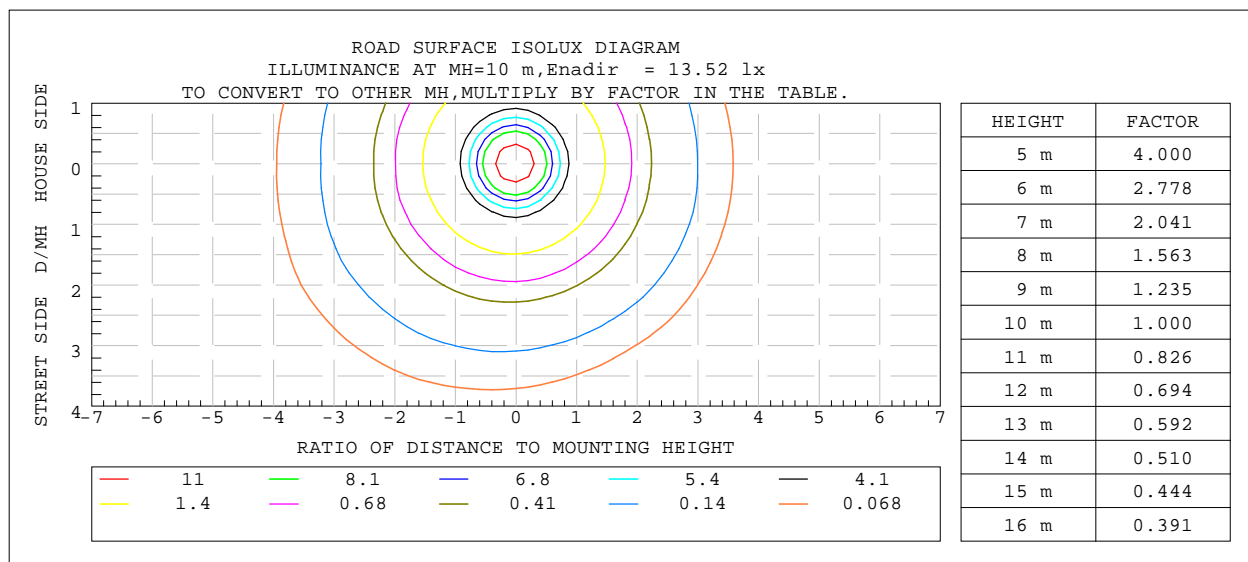
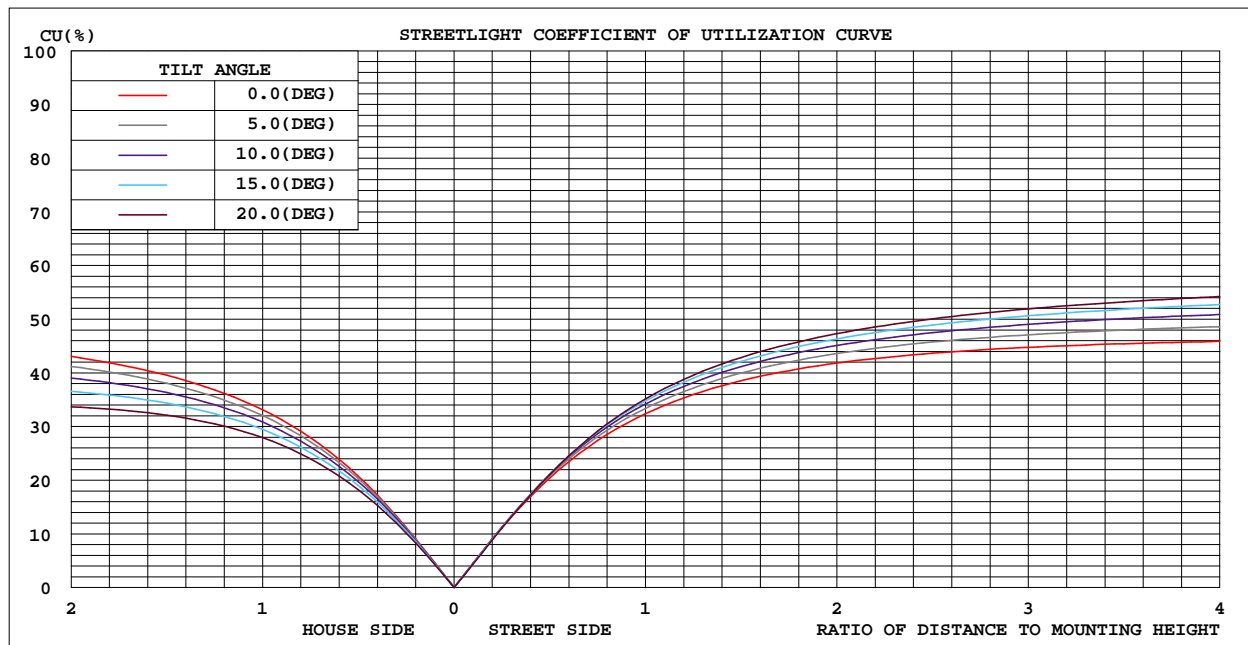
IES:Type VS - Very Short  
 CIE:Narrow - Short  
 IES:Semi cut-off  
 CIE:Semi-cut-off  
 Max.At80:97.33cd/klm  
 Max.At90:25.78cd/klm  
 Max.80-90:97.33cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	1355
90%	1220
80%	1084
70%	949
60%	813
50%	678
40%	542
30%	407
20%	271
10%	136
5%	68

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:admin  
 Test Date:2022-03-09

g Range: 0 - 140DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:53%  
 Test Distance:9.030m [K=1.0000]  
 Remarks:

## COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: admin  
Test Date: 2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 53%  
Test Distance: 9.030m [K=1.0000]  
Remarks:



JIANGSU DALITE

### ZONAL FLUX DIAGRAM

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

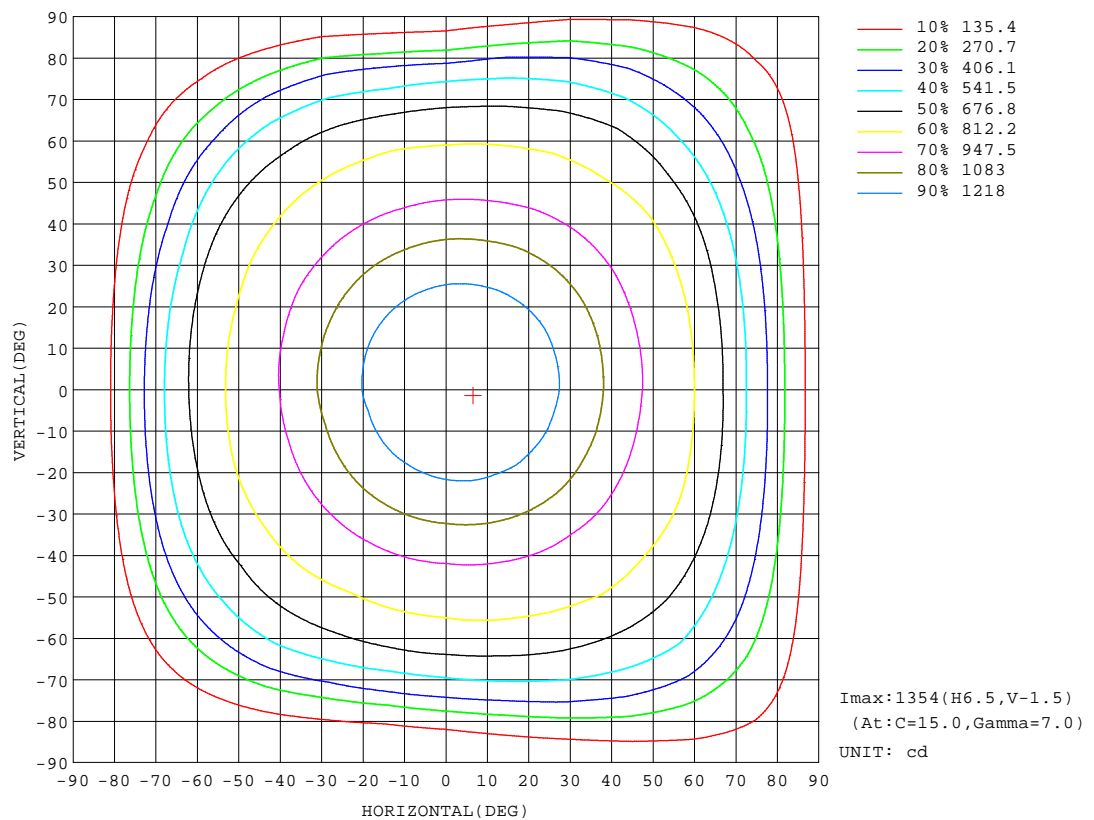
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1346	1328	1315	1308	1307	1321	1332	1346	0- 10	127.6	127.6	2.76,2.76
20	1289	1265	1234	1217	1221	1239	1272	1292	10- 20	365.3	492.9	10.7,10.7
30	1191	1158	1112	1090	1094	1121	1167	1194	20- 30	553.4	1046	22.6,22.6
40	1057	1018	971.3	948.1	948.9	982.8	1034	1063	30- 40	672.2	1718	37.2,37.2
50	926.3	925.2	868.7	842.8	849.4	888.9	915.2	930.5	40- 50	731.1	2450	53,53
60	811.4	787.9	744.8	715.5	709.1	750.8	802.7	815.1	50- 60	746.5	3196	69.2,69.2
70	605.6	629.4	530.8	511.8	490.8	577.7	635.3	677.0	60- 70	676.1	3872	83.8,83.8
80	333.5	344.8	185.1	167.1	158.2	255.0	353.0	435.2	70- 80	463.0	4335	93.8,93.8
90	76.26	62.23	45.10	41.53	37.59	48.42	67.29	119.1	80- 90	164.9	4500	97.4,97.4
100	26.13	34.66	25.87	32.83	23.84	26.51	20.14	32.18	90-100	42.18	4542	98.3,98.3
110	22.78	33.65	23.26	29.70	22.05	20.04	12.87	25.01	100-110	27.40	4570	98.9,98.9
120	21.89	27.86	20.31	22.66	17.97	15.58	12.95	19.26	110-120	21.38	4591	99.4,99.4
130	17.38	19.96	17.66	17.84	15.33	14.59	14.06	15.57	120-130	16.03	4607	99.7,99.7
140	17.52	17.70	18.21	18.24	16.07	15.86	15.52	15.14	130-140	12.78	4620	100,100
150	0	0	0	0	0	0	0	0	140-150	0.5857	4620	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4620	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4620	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4620	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:admin  
Test Date:2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

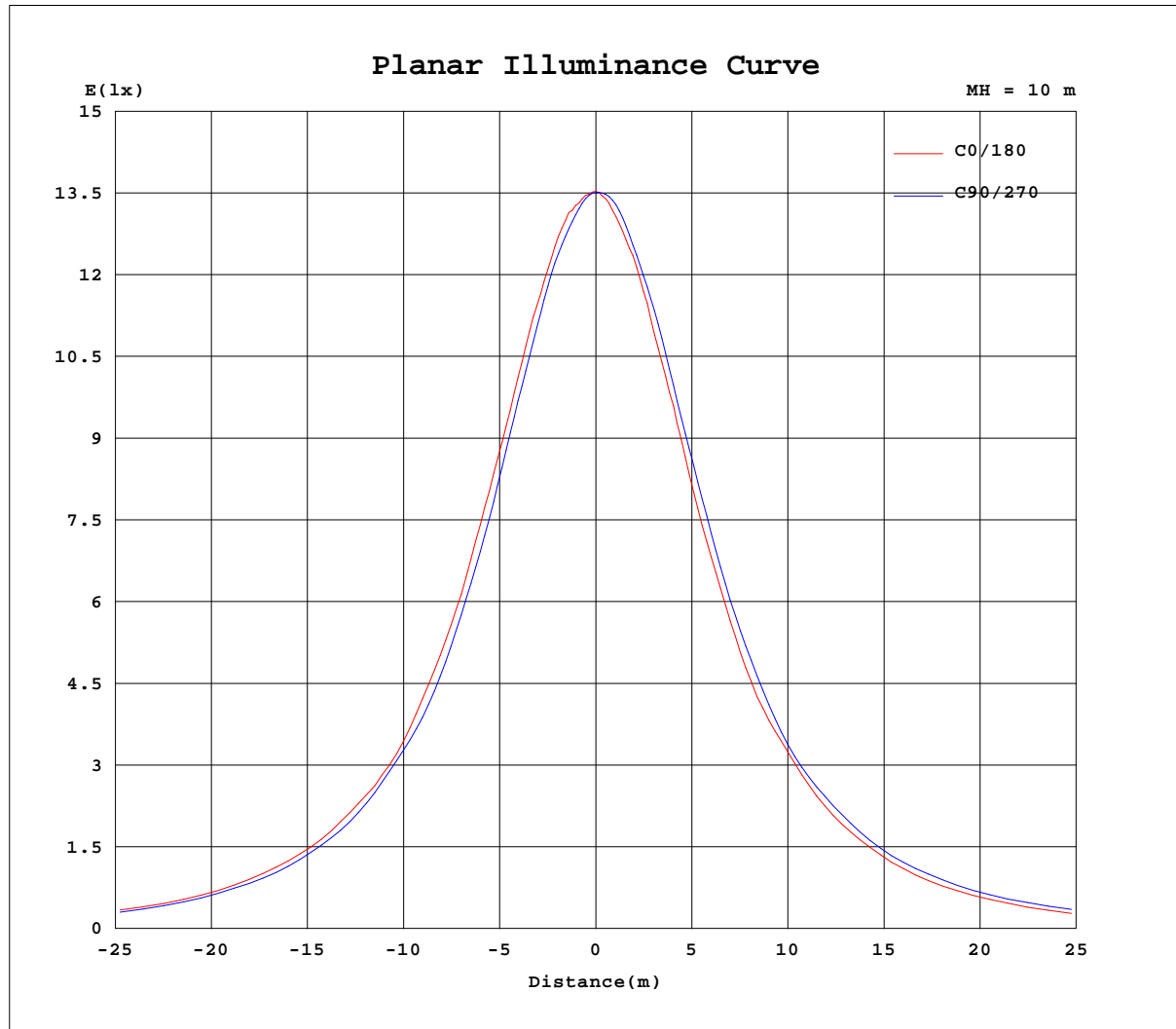
Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:admin  
Test Date:2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



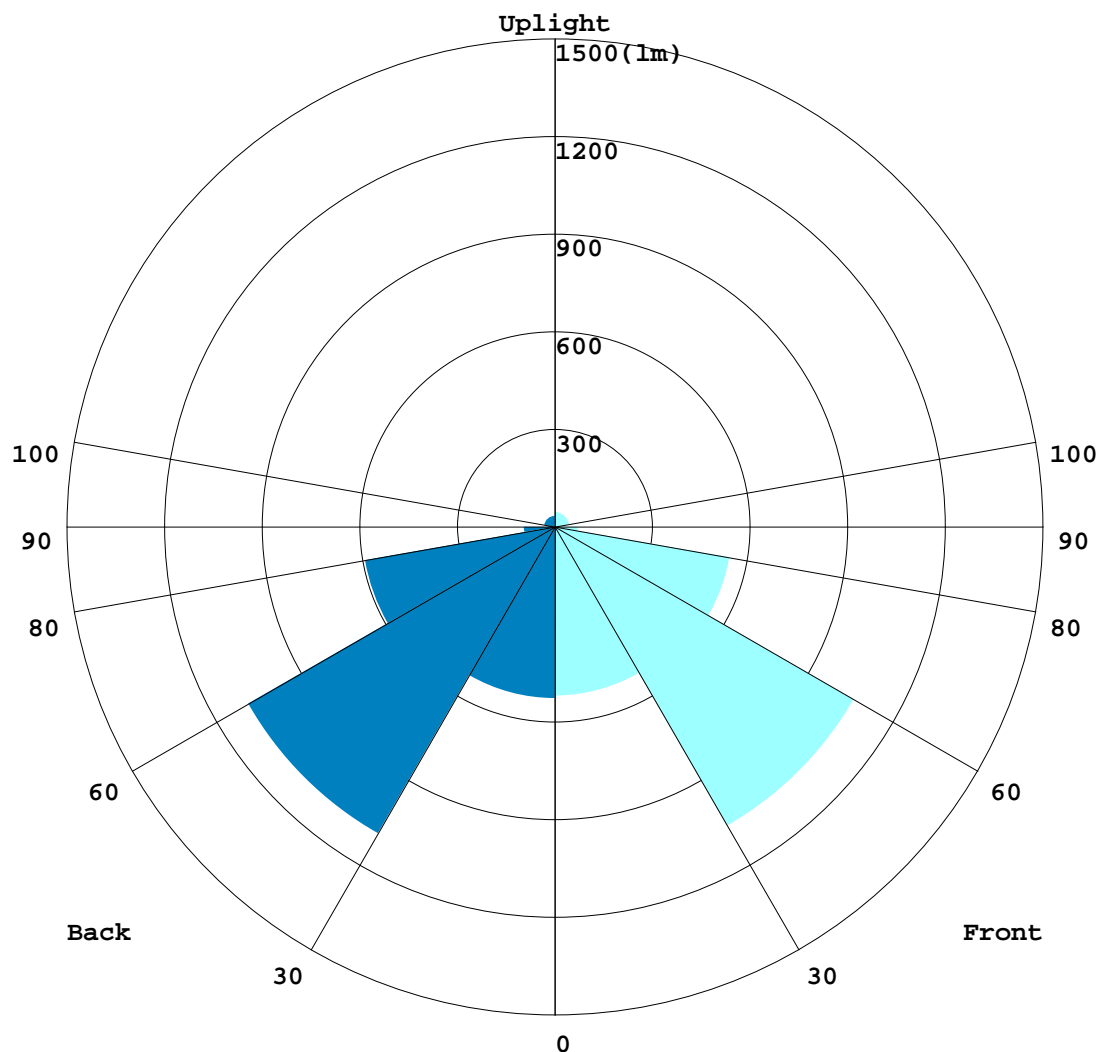
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: admin  
 Test Date: 2022-03-09

g Range: 0 - 140DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity: 53%  
 Test Distance: 9.030m [K=1.0000]  
 Remarks:

## LCS REPORT

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: admin  
Test Date: 2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 53%  
Test Distance: 9.030m [K=1.0000]  
Remarks:

## BUG REPORT

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	519.54	11.2
FM - Front-Medium(30-60)	1061.4	23.0
FH - Front-High(60-80)	545.74	11.8
FVH - Front-Very High(80-90)	69.345	1.5
Total Forward Light	2261.9	49.0

BL - Back-Low(0-30)	526.75	11.4
BM - Back-Medium(30-60)	1088.4	23.6
BH - Back-High(60-80)	593.29	12.8
BVH - Back-Very High(80-90)	95.56	2.1
Total Back Light	2358.5	51.0

UL - Uplight-Low(90-100)	42.178	0.9
UH - Uplight-High(100-180)	78.18	1.7
Total Up Light	120.36	2.6

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

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2304	54.551	2358.5
Street Side	2196.1	65.807	2261.9

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:admin  
 Test Date:2022-03-09

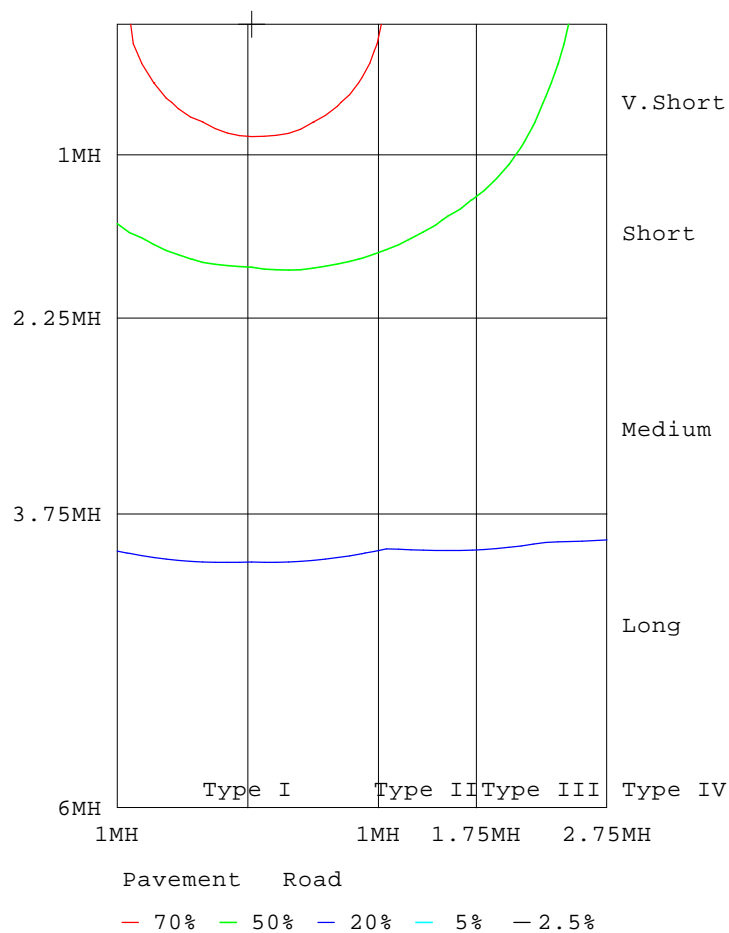
g Range: 0 - 140DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:53%  
 Test Distance:9.030m [K=1.0000]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

### ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: admin  
Test Date: 2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 53%  
Test Distance: 9.030m [K=1.0000]  
Remarks:



JIANGSU DALITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm																	
NAME: LSDL-1215									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: DALITE									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1353	1352	1350	1352	1351	1352	1352	1352	1351	1351	1351	1351	1353	1352	1350	1352	1351	1352	1352
5	1347	1353	1351	1353	1347	1342	1337	1334	1331	1330	1328	1329	1334	1335	1340	1345	1348	1351	1353
10	1346	1340	1335	1328	1326	1320	1315	1312	1311	1308	1304	1303	1307	1312	1312	1321	1321	1325	1332
15	1320	1316	1312	1306	1299	1291	1282	1274	1267	1263	1261	1262	1274	1270	1281	1288	1298	1302	1307
20	1289	1282	1276	1265	1253	1242	1234	1225	1220	1217	1213	1213	1221	1225	1232	1239	1248	1261	1272
25	1240	1232	1222	1216	1204	1195	1181	1170	1160	1155	1151	1154	1163	1169	1177	1188	1203	1211	1221
30	1191	1183	1171	1158	1139	1126	1112	1103	1095	1090	1086	1085	1094	1101	1111	1121	1134	1150	1167
35	1117	1114	1100	1089	1076	1062	1048	1038	1027	1020	1014	1018	1028	1035	1045	1060	1073	1085	1098
40	1057	1047	1039	1018	1002	986	971	962	954	948	945	944	949	959	971	983	1000	1017	1034
45	976	968	958	946	940	932	929	932	918	914	906	909	917	923	928	929	937	944	956
50	926	925	921	925	901	890	869	858	851	843	840	844	849	858	872	889	901	917	915
55	872	875	856	847	837	832	813	802	785	785	781	787	791	795	806	820	832	852	859
60	811	818	805	788	768	754	745	727	722	715	704	710	709	722	735	751	769	796	803
65	715	726	728	721	705	676	657	644	626	623	616	615	623	629	653	674	701	716	725
70	606	625	637	629	598	565	531	504	500	512	501	504	491	486	528	578	603	618	635
75	476	494	533	511	488	425	380	339	324	337	334	326	323	326	370	439	490	502	525
80	334	364	374	345	295	235	185	159	158	167	165	161	158	159	194	255	318	325	353
85	174	194	196	175	139	105	79.9	69.7	62.9	61.8	62.0	62.4	62.3	64.6	82.6	115	156	159	168
90	76.3	79.7	71.5	62.2	54.6	48.6	45.1	42.3	40.6	41.5	42.8	42.9	37.6	36.9	39.9	48.4	55.3	58.2	67.3
95	33.7	42.5	43.3	41.3	38.3	33.7	28.1	28.0	32.1	34.3	35.2	34.3	26.9	23.6	26.7	32.6	35.1	32.1	27.9
100	26.1	31.3	34.3	34.7	33.4	30.6	25.9	25.7	30.4	32.8	33.8	32.4	23.8	17.5	22.2	26.5	28.1	23.2	20.1
105	23.1	28.7	32.5	33.6	32.8	30.1	24.4	24.2	29.5	32.5	33.4	31.7	23.4	16.4	20.1	23.6	23.8	19.6	13.6
110	22.8	29.0	32.4	33.7	32.4	28.7	23.3	22.0	26.7	29.7	30.6	28.9	22.1	15.5	18.1	20.0	18.2	15.2	12.9
115	22.9	27.5	30.1	31.1	29.6	26.3	22.0	20.4	24.0	26.5	27.3	26.0	20.2	14.1	16.4	17.3	15.3	13.0	12.6
120	21.9	25.3	27.3	27.9	26.3	23.6	20.3	18.9	21.1	22.7	23.1	22.4	18.0	13.9	15.1	15.6	14.4	13.1	12.9
125	20.2	22.4	23.6	23.6	22.4	20.8	18.6	17.8	19.0	19.5	19.6	19.4	16.2	14.1	14.5	14.7	14.0	13.5	13.4
130	17.4	19.7	20.2	20.0	19.4	18.7	17.7	17.4	17.8	17.8	17.8	17.8	15.3	14.6	14.6	14.6	14.3	14.3	14.1
135	17.6	18.1	18.2	18.0	17.9	17.8	17.7	17.7	17.7	17.7	17.5	17.5	15.4	15.3	15.2	15.1	14.9	15.0	14.8
140	17.5	17.7	17.7	17.7	17.8	18.0	18.2	18.3	18.3	18.2	18.1	18.0	16.1	16.0	16.0	15.9	15.7	15.8	15.5
145	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
150	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
155	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
160	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
165	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
170	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
175	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
180	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

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:admin  
Test Date:2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks:



JIANGSU DALITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.25V I:0.2343A P:27.926W PF:0.9911 Freq:59.98Hz Lamp Flux:4620.4lx1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	1352	1351	1351	1351	1351														
5	1352	1350	1348	1348	1347														
10	1340	1344	1346	1346	1346														
15	1312	1315	1319	1323	1321														
20	1280	1289	1292	1294	1292														
25	1229	1237	1241	1246	1243														
30	1177	1187	1194	1196	1195														
35	1109	1119	1125	1131	1129														
40	1045	1057	1063	1066	1063														
45	969	980	986	991	988														
50	919	926	930	926	925														
55	875	880	885	888	888														
60	810	819	815	821	817														
65	734	749	753	746	731														
70	656	676	677	639	625														
75	553	572	561	521	483														
80	426	450	435	387	345														
85	220	267	262	227	184														
90	90.9	119	119	105	85.5														
95	42.1	49.4	48.3	43.9	34.4														
100	28.8	33.8	32.2	29.2	23.6														
105	23.1	28.2	27.1	24.0	20.4														
110	17.9	23.5	25.0	22.4	18.9														
115	13.9	18.5	22.1	21.1	17.2														
120	13.7	16.3	19.3	19.1	16.3														
125	13.7	13.2	17.0	17.3	15.6														
130	14.0	14.4	15.6	15.9	15.1														
135	14.7	14.5	15.0	15.2	14.9														
140	15.5	15.3	15.1	15.3	15.2														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:admin  
Test Date:2022-03-09

g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks: