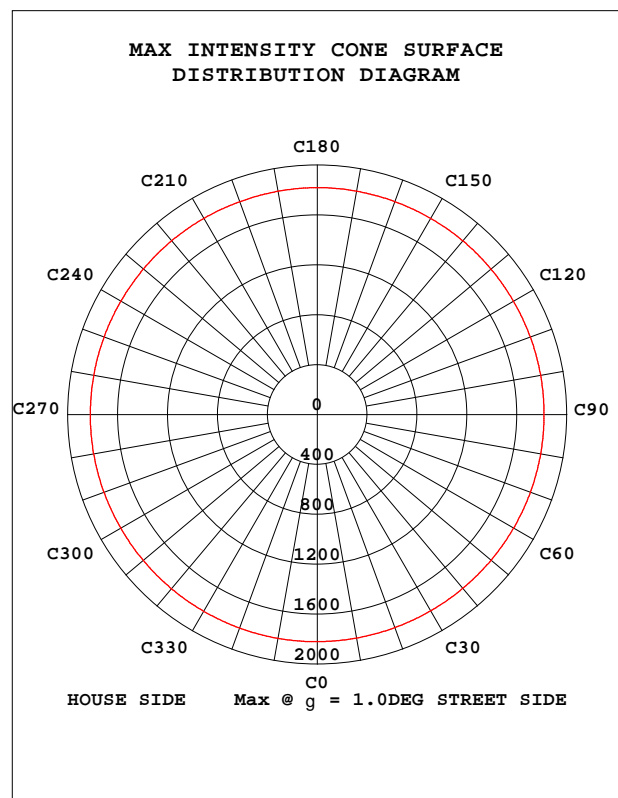
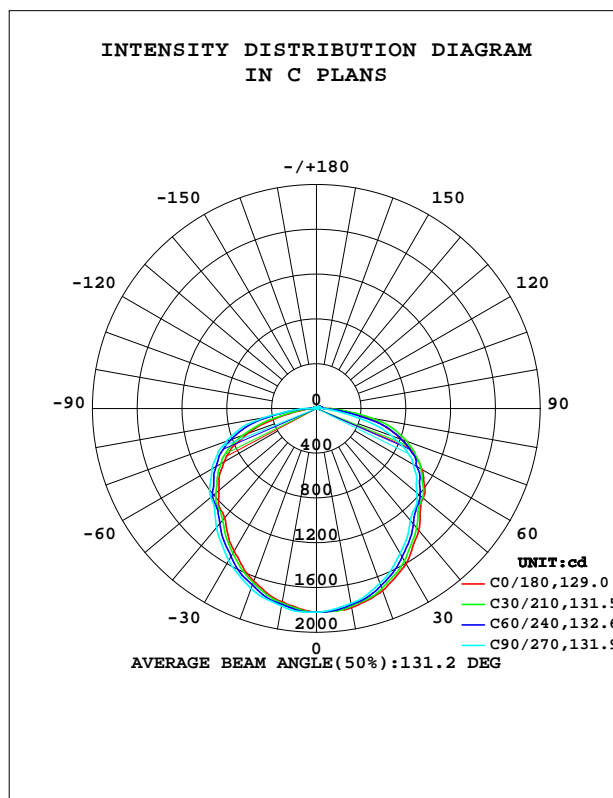


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.41 lm/W			
MODEL	2835-4000K	I <sub>max</sub> (cd)	1821	h street_up(%)	1.4
NOMINAL POWER(W)	40	LOR(%)	100.0	h street_down(%)	47.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6217	h house_up(%)	1.2
NOMINAL FLUX(lm)	6216.64	MAXIMUM @(C,g )	345,1.0	h house_down(%)	49.8
LAMPS INSIDE	1	h up(%)	2.6	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	h down(%)	97.4	SLI	21.806

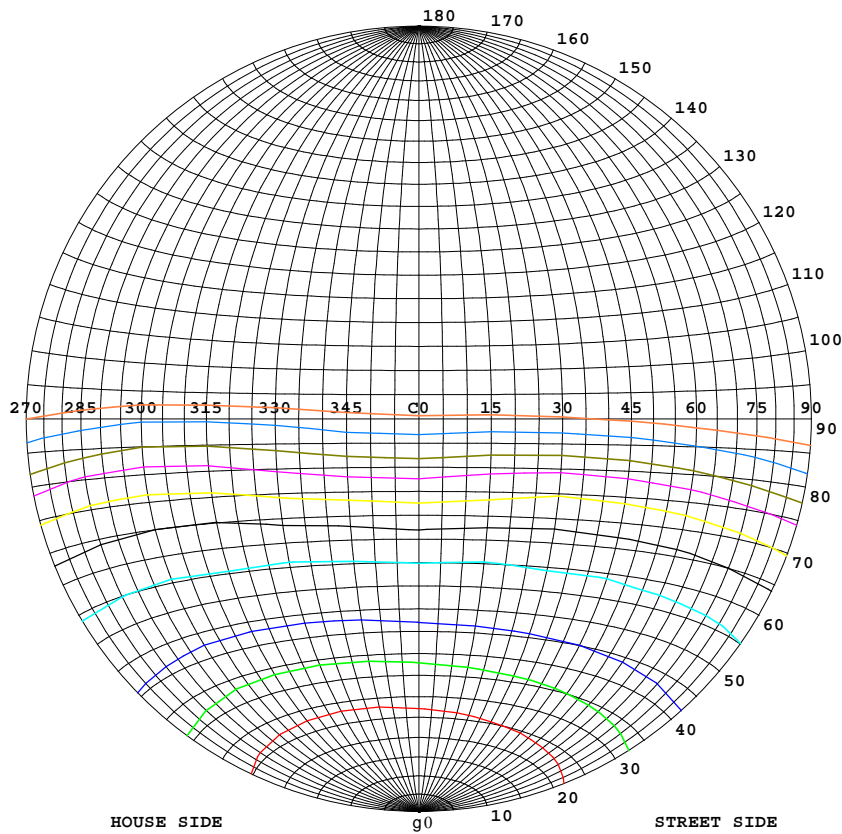


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:admin  
 Test Date:2022-03-09

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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:



### Classification:

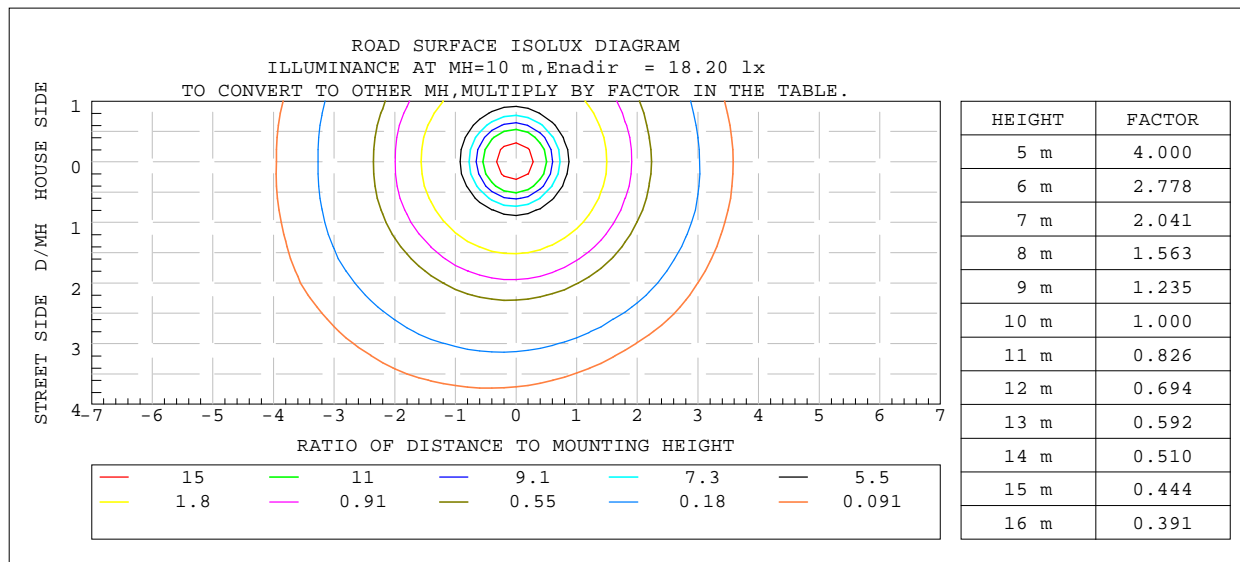
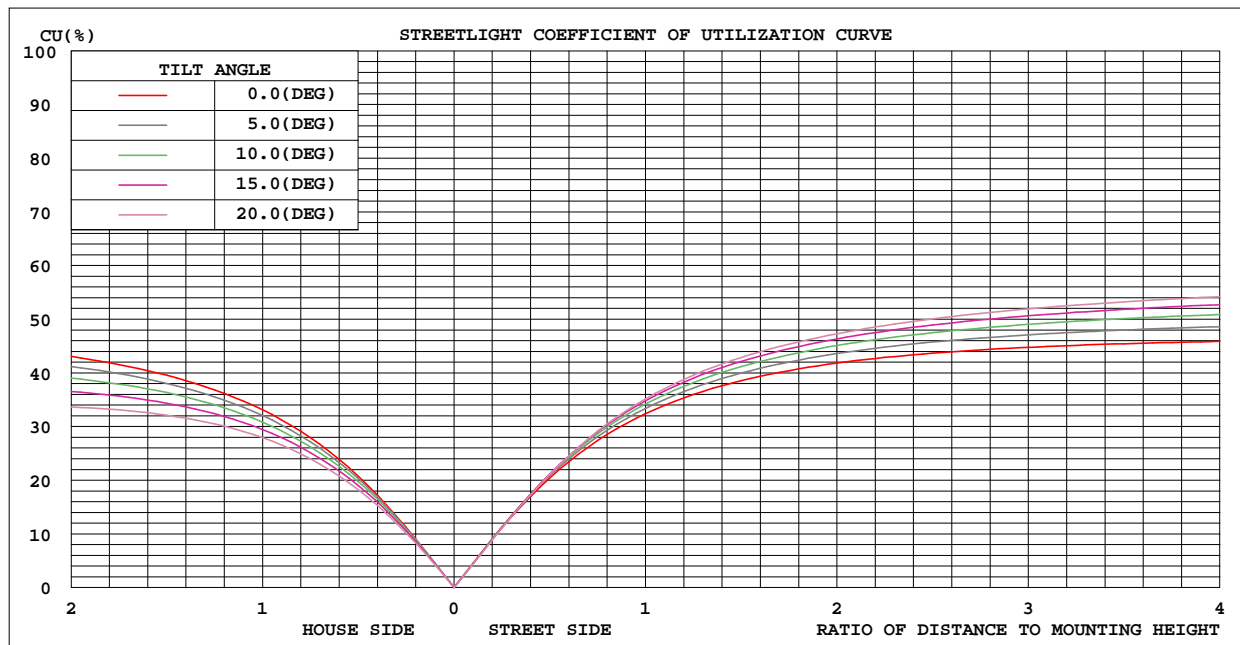
IES:Type VS - Very Short  
 CIE:Narrow - Short  
 IES:Semi cut-off  
 CIE:Semi-cut-off  
 Max.At80:97.43cd/klm  
 Max.At90:25.77cd/klm  
 Max.80-90:97.43cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	1821
90%	1639
80%	1457
70%	1275
60%	1093
50%	911
40%	728
30%	546
20%	364
10%	182
5%	91

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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:

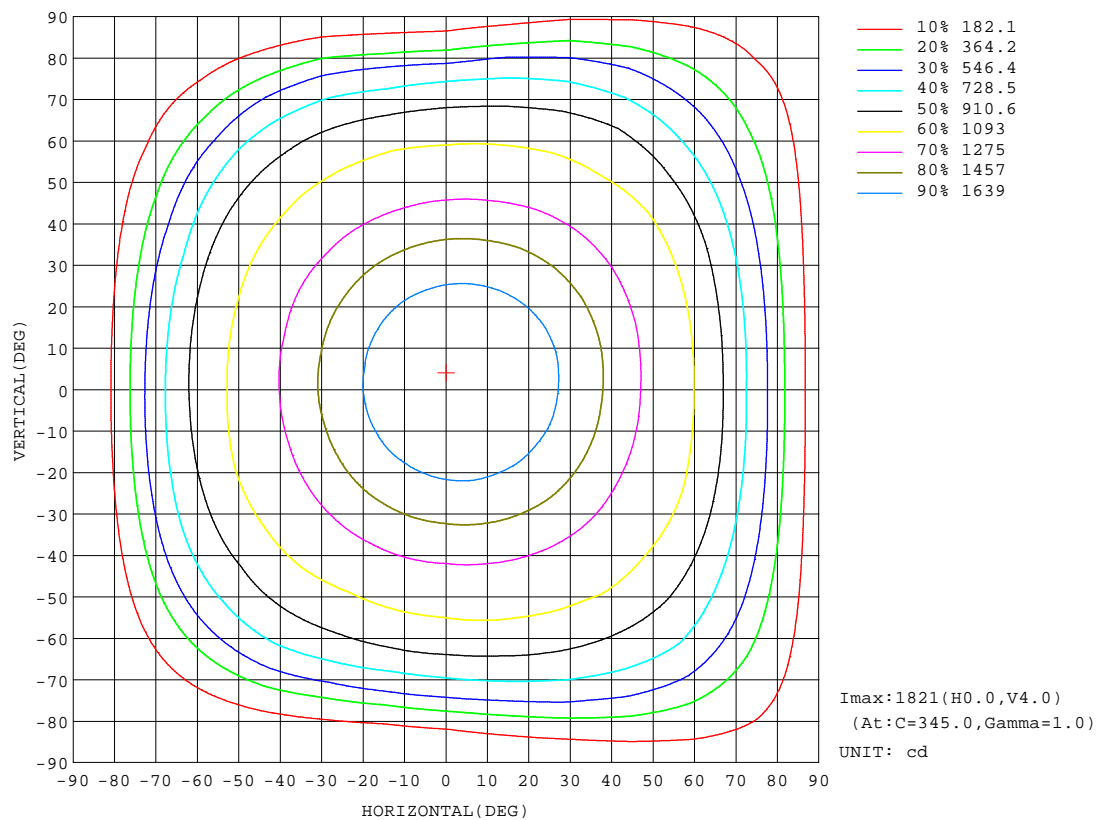
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1807	1787	1769	1762	1752	1769	1793	1813	0- 10	171.7	171.7	2.76,2.76
20	1729	1701	1660	1639	1639	1664	1712	1742	10- 20	491.5	663.2	10.7,10.7
30	1603	1556	1496	1469	1471	1506	1569	1609	20- 30	744.6	1408	22.6,22.6
40	1422	1373	1307	1278	1278	1320	1391	1433	30- 40	904.4	2312	37.2,37.2
50	1247	1243	1169	1135	1140	1194	1232	1254	40- 50	983.8	3296	53.5,53
60	1090	1063	1002	963.5	951.9	1010	1081	1099	50- 60	1005	4301	69.2,69.2
70	809.1	845.7	715.0	689.3	654.3	774.5	854.5	912.8	60- 70	909.2	5210	83.8,83.8
80	449.9	464.9	249.8	224.1	210.7	341.2	473.9	586.9	70- 80	622.5	5832	93.8,93.8
90	103.1	83.95	60.94	56.00	50.30	64.94	90.44	160.2	80- 90	221.9	6054	97.4,97.4
100	35.20	46.72	34.98	44.36	32.14	35.70	27.17	43.39	90-100	56.86	6111	98.3,98.3
110	30.73	45.36	31.46	40.11	29.71	27.06	17.42	33.79	100-110	36.98	6148	98.9,98.9
120	29.53	37.56	27.29	30.65	24.23	21.05	17.55	26.06	110-120	28.88	6177	99.4,99.4
130	23.48	26.99	23.55	24.18	20.67	19.75	19.05	21.11	120-130	21.66	6199	99.7,99.7
140	23.68	23.85	24.63	24.70	21.68	21.46	21.00	20.40	130-140	17.28	6216	100,100
150	0	0	0	0	0	0	0	0	140-150	0.7920	6217	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6217	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6217	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6217	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

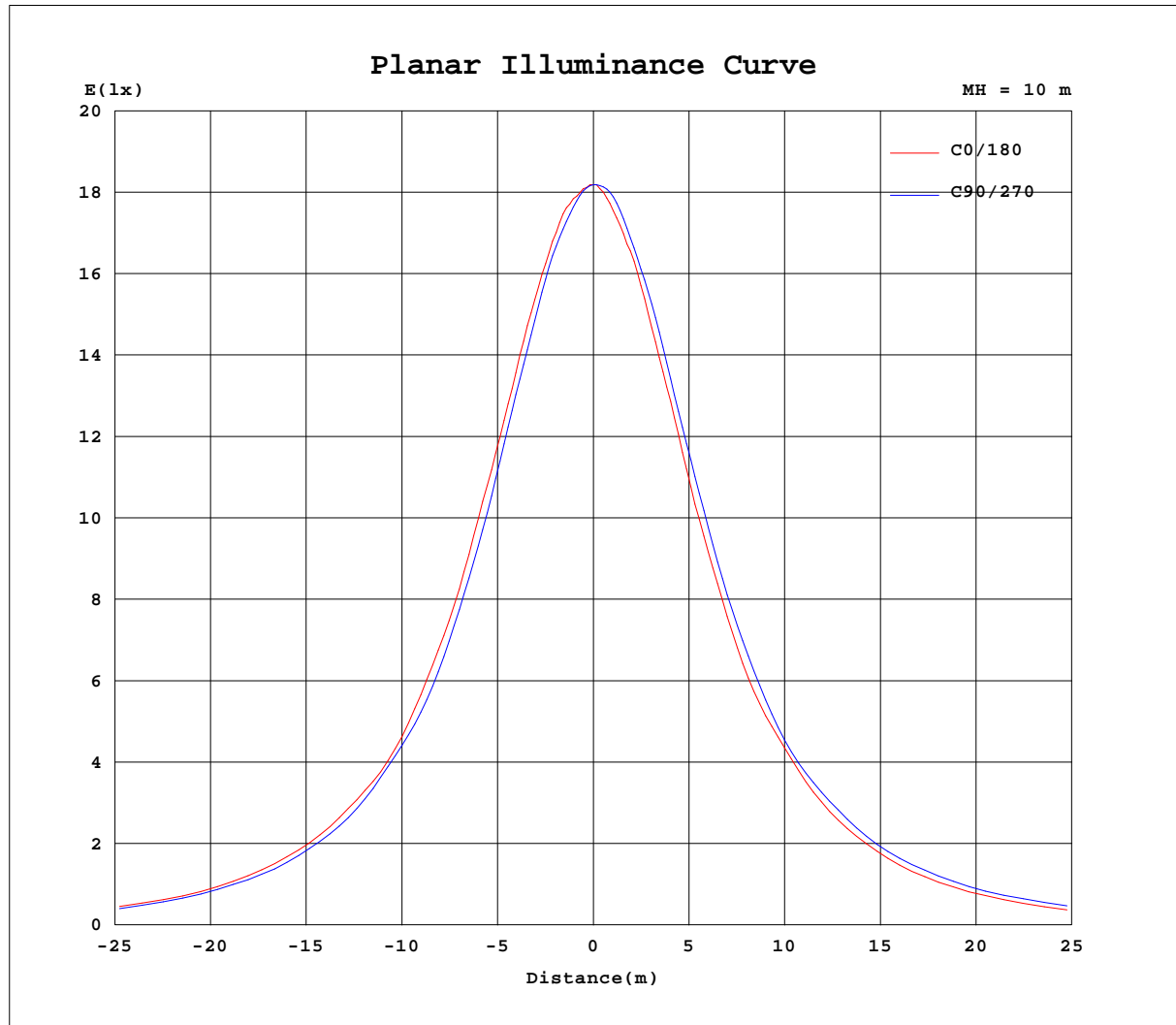
Test:U:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 lm		
NAME: LSDL-1215	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DALITE	SUR.:	Shielding Angle:



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



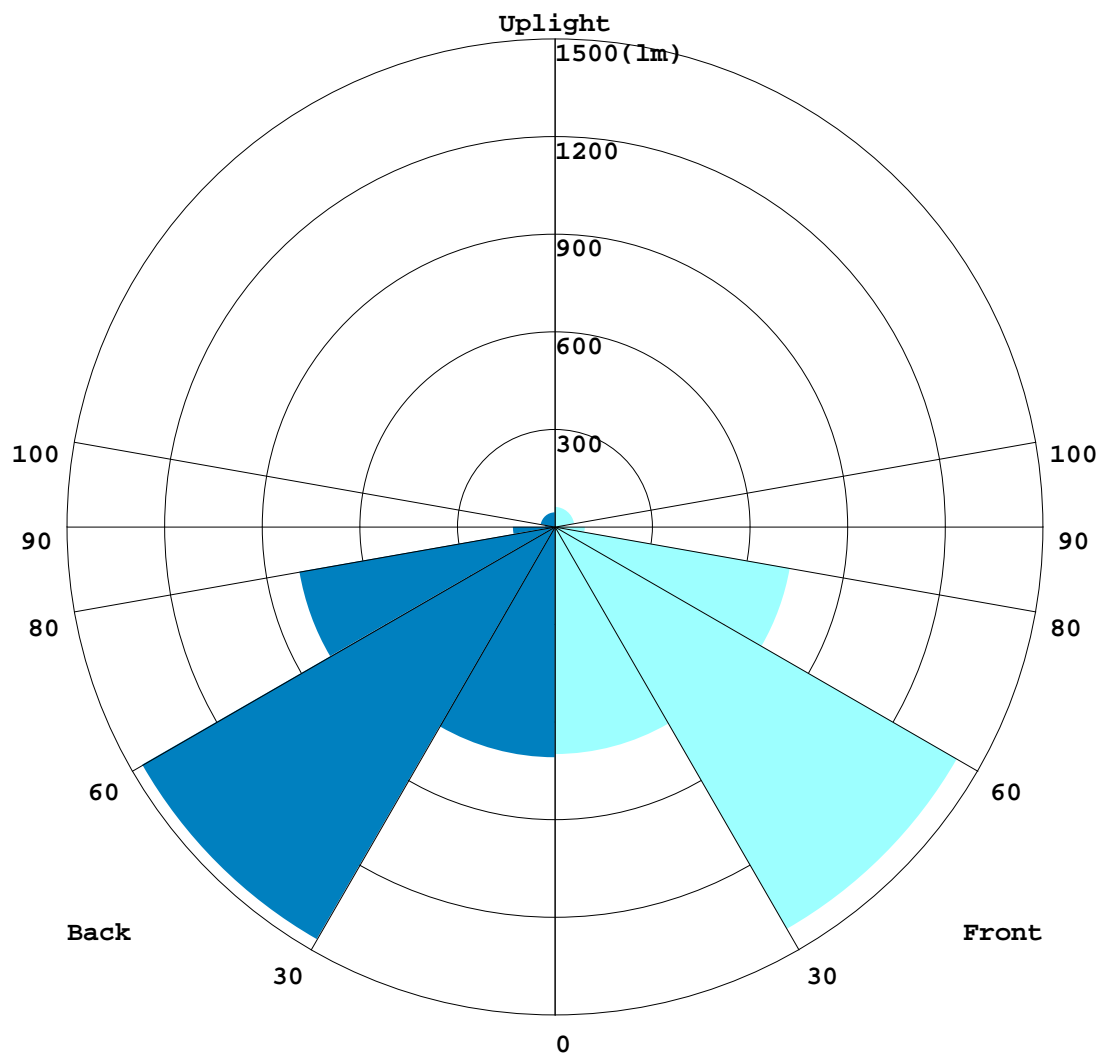
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: admin  
 Test Date: 2022-03-09

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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 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)	699.05	11.2
FM - Front-Medium(30-60)	1428.3	23.0
FH - Front-High(60-80)	734.45	11.8
FVH - Front-Very High(80-90)	93.424	1.5
Total Forward Light	3044.1	49.0

BL - Back-Low(0-30)	708.76	11.4
BM - Back-Medium(30-60)	1464.4	23.6
BH - Back-High(60-80)	797.27	12.8
BVH - Back-Very High(80-90)	128.46	2.1
Total Back Light	3172.5	51.0

UL - Uplight-Low(90-100)	56.863	0.9
UH - Uplight-High(100-180)	105.59	1.7
Total Up Light	162.46	2.6

BUG(Back,Up,Glare) Rating	B2-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3098.9	73.617	3172.5
Street Side	2955.3	88.84	3044.1

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

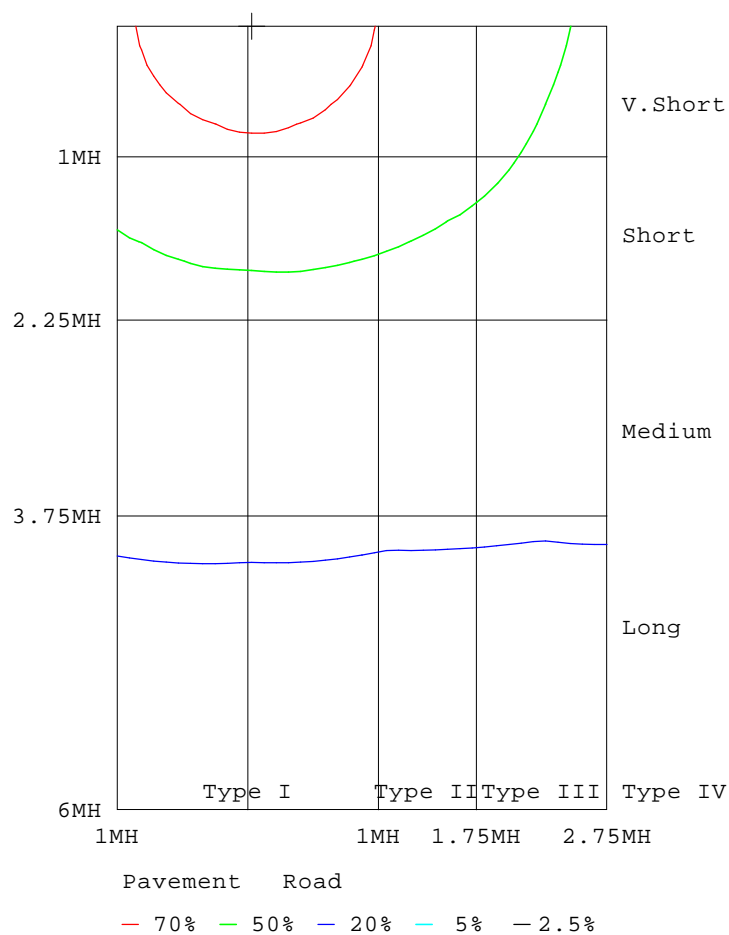
g Range: 0 - 140DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:53%  
Test Distance:9.030m [K=1.0000]  
Remarks:



## ROAD ISOCANDELA REPORT

Test:U:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 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	1819	1820	1817	1818	1818	1819	1819	1820	1820	1821	1820	1821	1819	1820	1817	1818	1818	1819	1819
5	1812	1819	1818	1818	1812	1807	1799	1795	1792	1791	1790	1791	1793	1795	1800	1805	1812	1818	1821
10	1807	1801	1793	1787	1781	1776	1769	1767	1764	1762	1757	1757	1752	1765	1765	1769	1777	1783	1793
15	1773	1766	1762	1756	1748	1737	1726	1715	1706	1701	1699	1701	1707	1712	1722	1730	1744	1752	1759
20	1729	1725	1712	1701	1685	1671	1660	1650	1642	1639	1635	1635	1639	1643	1656	1664	1678	1697	1712
25	1666	1656	1644	1634	1618	1607	1588	1576	1562	1555	1551	1555	1559	1572	1583	1599	1617	1629	1642
30	1603	1594	1573	1556	1531	1515	1496	1485	1475	1469	1464	1463	1471	1480	1494	1506	1526	1547	1569
35	1503	1495	1479	1464	1446	1430	1410	1396	1383	1374	1366	1372	1380	1391	1405	1424	1443	1460	1477
40	1422	1415	1393	1373	1347	1326	1307	1295	1284	1278	1273	1272	1278	1288	1303	1320	1344	1367	1391
45	1310	1300	1288	1275	1263	1253	1250	1254	1237	1231	1221	1225	1233	1239	1246	1249	1258	1270	1286
50	1247	1242	1239	1243	1211	1199	1169	1156	1146	1135	1132	1138	1140	1152	1172	1194	1215	1234	1232
55	1178	1178	1155	1139	1126	1119	1093	1080	1057	1056	1052	1061	1062	1070	1082	1100	1120	1147	1157
60	1090	1099	1082	1063	1034	1015	1002	979	971	963	948	956	952	968	988	1010	1034	1071	1081
65	959	973	977	972	949	911	884	867	842	840	829	829	836	838	874	906	943	962	975
70	809	843	858	846	805	760	715	678	673	689	675	678	654	647	704	774	811	831	855
75	640	665	714	690	656	573	511	458	436	453	449	439	432	433	492	589	657	674	706
80	450	491	503	465	397	317	250	214	213	224	222	216	211	209	257	341	423	436	474
85	235	262	266	236	187	141	108	93.9	84.6	83.1	83.4	84.0	83.0	85.7	110	154	208	213	226
90	103	108	96.4	84.0	73.6	65.6	60.9	57.2	54.7	56.0	57.8	57.9	50.3	49.6	53.4	64.9	74.1	78.0	90.4
95	45.3	57.1	58.4	55.8	51.6	45.5	38.0	37.8	43.3	46.3	47.6	46.3	36.1	31.9	35.9	43.7	47.1	43.2	37.6
100	35.2	42.2	46.2	46.7	45.0	41.3	35.0	34.8	41.1	44.4	45.7	43.8	32.1	23.6	30.0	35.7	37.8	31.3	27.2
105	31.1	38.6	43.7	45.3	44.2	40.7	33.0	32.7	39.9	43.9	45.1	42.9	31.5	22.2	27.1	31.9	32.0	26.4	18.0
110	30.7	39.0	43.7	45.4	43.7	38.8	31.5	29.8	36.1	40.1	41.3	39.1	29.7	20.9	24.5	27.1	24.6	20.6	17.4
115	30.9	37.1	40.5	41.8	40.0	35.6	29.7	27.6	32.4	35.9	36.9	35.2	27.2	19.1	22.1	23.3	20.6	17.6	17.0
120	29.5	34.1	36.8	37.6	35.6	31.9	27.3	25.6	28.6	30.7	31.3	30.3	24.2	18.8	20.4	21.1	19.5	17.7	17.5
125	27.2	30.3	31.9	31.9	30.3	28.0	24.8	24.1	25.7	26.4	26.6	26.3	21.8	19.1	19.6	19.8	19.0	18.3	18.2
130	23.5	26.6	27.4	27.0	26.1	25.0	23.6	23.6	24.1	24.2	24.2	24.1	20.7	19.7	19.8	19.7	19.3	19.3	19.0
135	23.8	24.5	24.6	24.4	24.1	24.0	23.9	23.9	24.0	24.0	23.7	23.7	20.8	20.7	20.6	20.4	20.2	20.4	20.0
140	23.7	23.9	23.8	23.9	24.0	24.4	24.6	24.8	24.8	24.7	24.5	24.4	21.7	21.7	21.6	21.5	21.3	21.4	21.0
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:120.23V I:0.3223A P:38.515W PF:0.9939 Freq:59.98Hz Lamp Flux:6216.64x1 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	1820	1820	1821	1820	1821														
5	1821	1818	1816	1816	1816														
10	1803	1810	1813	1814	1815														
15	1766	1771	1778	1783	1781														
20	1724	1735	1742	1743	1742														
25	1655	1666	1672	1679	1677														
30	1585	1598	1609	1612	1612														
35	1493	1507	1516	1524	1522														
40	1407	1423	1433	1436	1434														
45	1304	1320	1329	1335	1332														
50	1237	1247	1254	1248	1247														
55	1179	1186	1193	1198	1198														
60	1091	1103	1099	1107	1103														
65	989	1009	1016	1006	986														
70	883	910	913	861	843														
75	745	770	756	703	653														
80	574	606	587	522	467														
85	296	361	354	308	248														
90	122	160	160	141	116														
95	56.6	66.4	65.1	59.3	46.6														
100	38.8	45.5	43.4	39.4	32.0														
105	31.2	38.1	36.5	32.4	27.6														
110	22.5	31.7	33.8	30.2	25.6														
115	18.8	25.0	29.9	28.6	23.3														
120	18.6	21.4	26.1	25.8	22.1														
125	18.6	20.4	23.1	23.5	21.2														
130	19.0	19.5	21.1	21.5	20.5														
135	19.9	19.6	20.3	20.6	20.3														
140	21.0	20.7	20.4	20.7	20.7														
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: