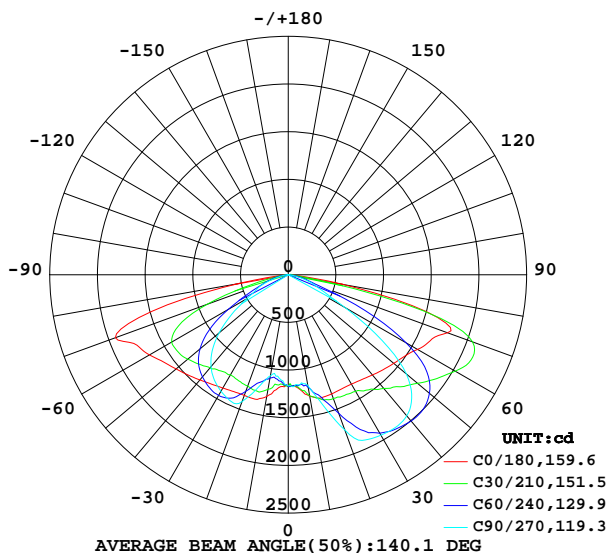
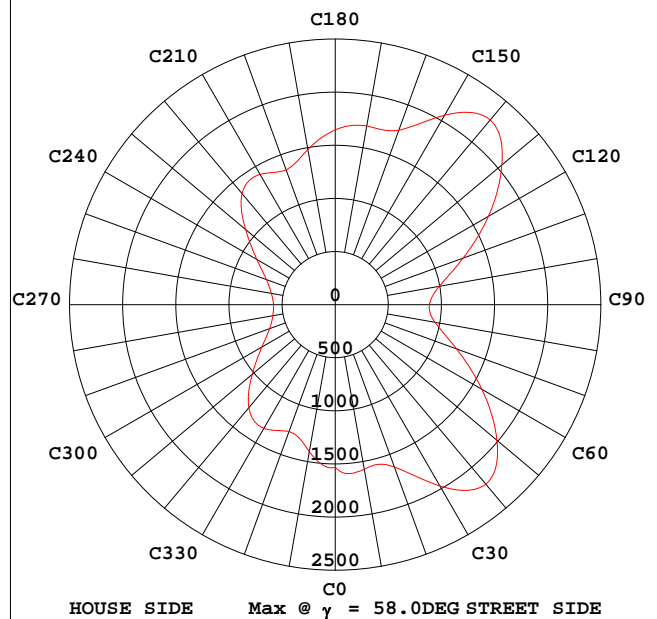


## STREETLIGHT PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.00 lm/W			
MODEL	LD56LMA 3M 3030	Imax(cd)	2271	$\eta$ street_up(%)	0.2
NOMINAL POWER(W)	56	LOR(%)	100.0	$\eta$ street_down(%)	58.1
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6440	$\eta$ house_up(%)	0.2
NOMINAL FLUX(lm)	6440	MAXIMUM @(C, $\gamma$ )	140,58.0	$\eta$ house_down(%)	41.5
LAMPS INSIDE	1	$\eta$ up(%)	0.4	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220.1	$\eta$ down(%)	99.6	SLI	22.992

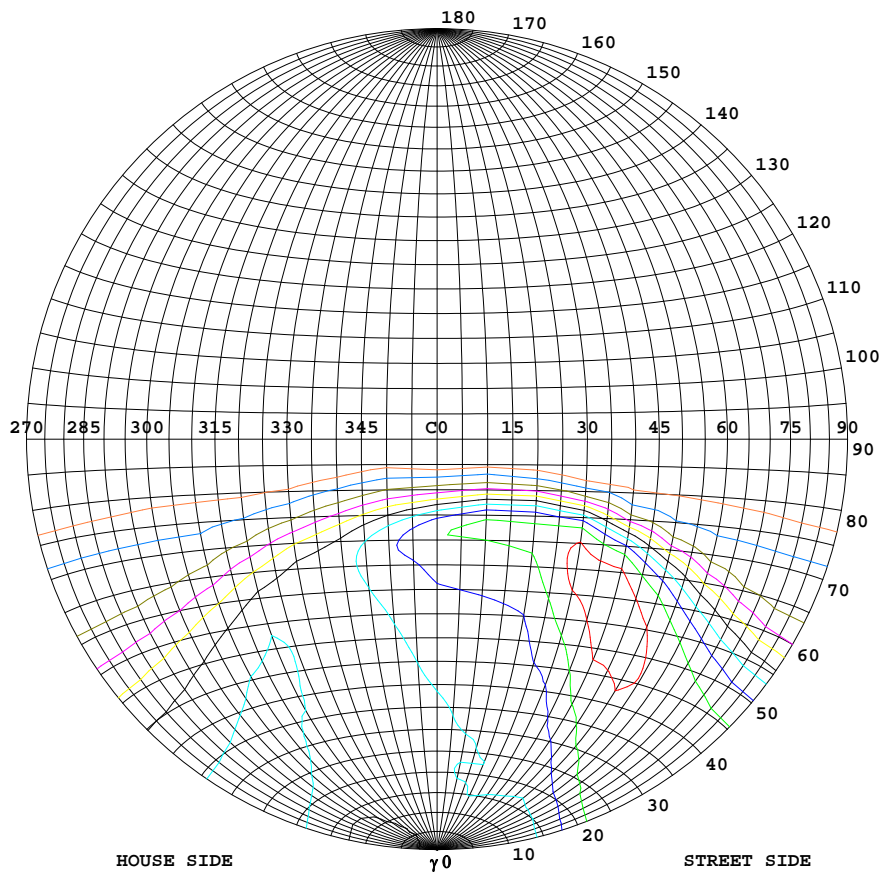
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



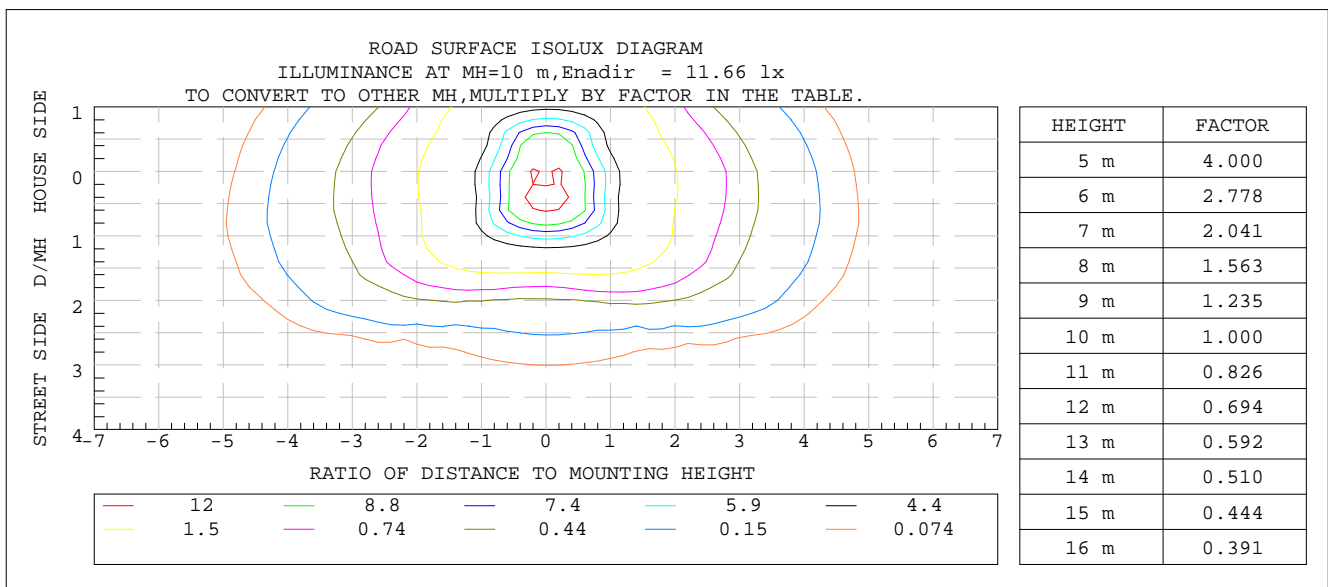
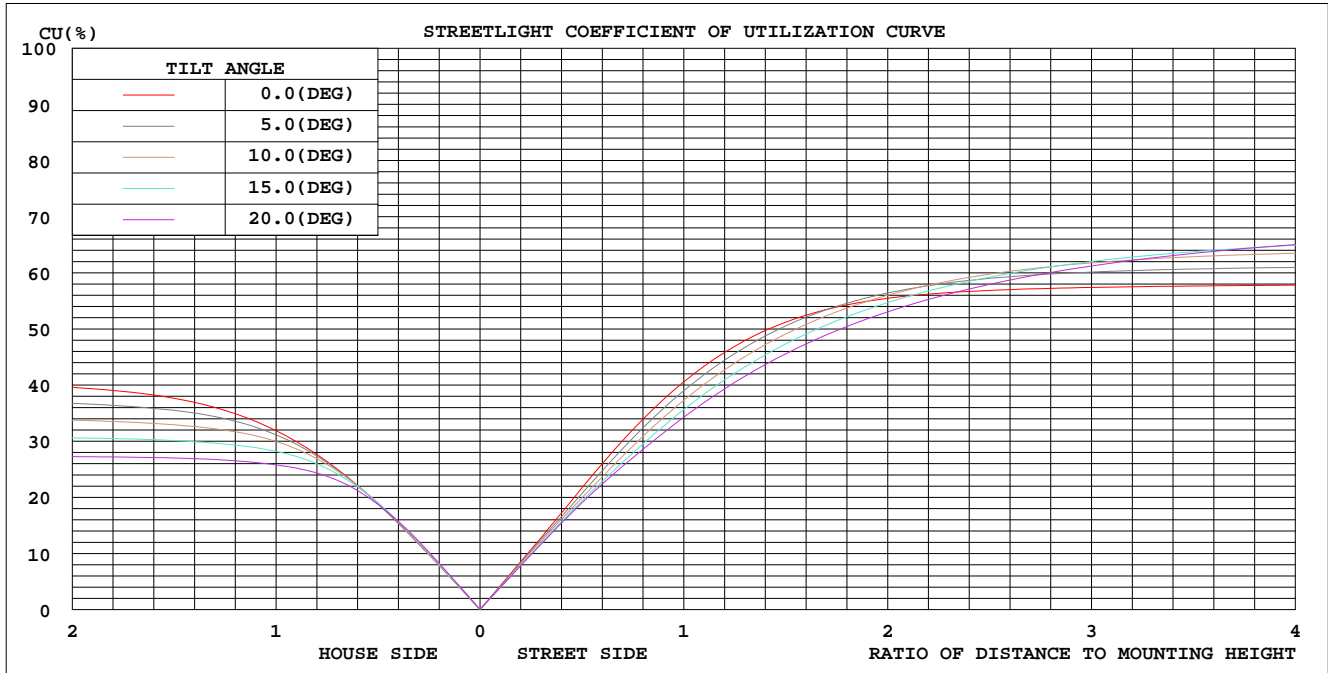
## Classification:

IES:Type III - Short  
 CIE:Broad - Short  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:113.8cd/klm  
 Max.At90:9.946cd/klm  
 Max.80-90:113.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2271
90%	2044
80%	1816
70%	1589
60%	1362
50%	1135
40%	908
30%	681
20%	454
10%	227
5%	114

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

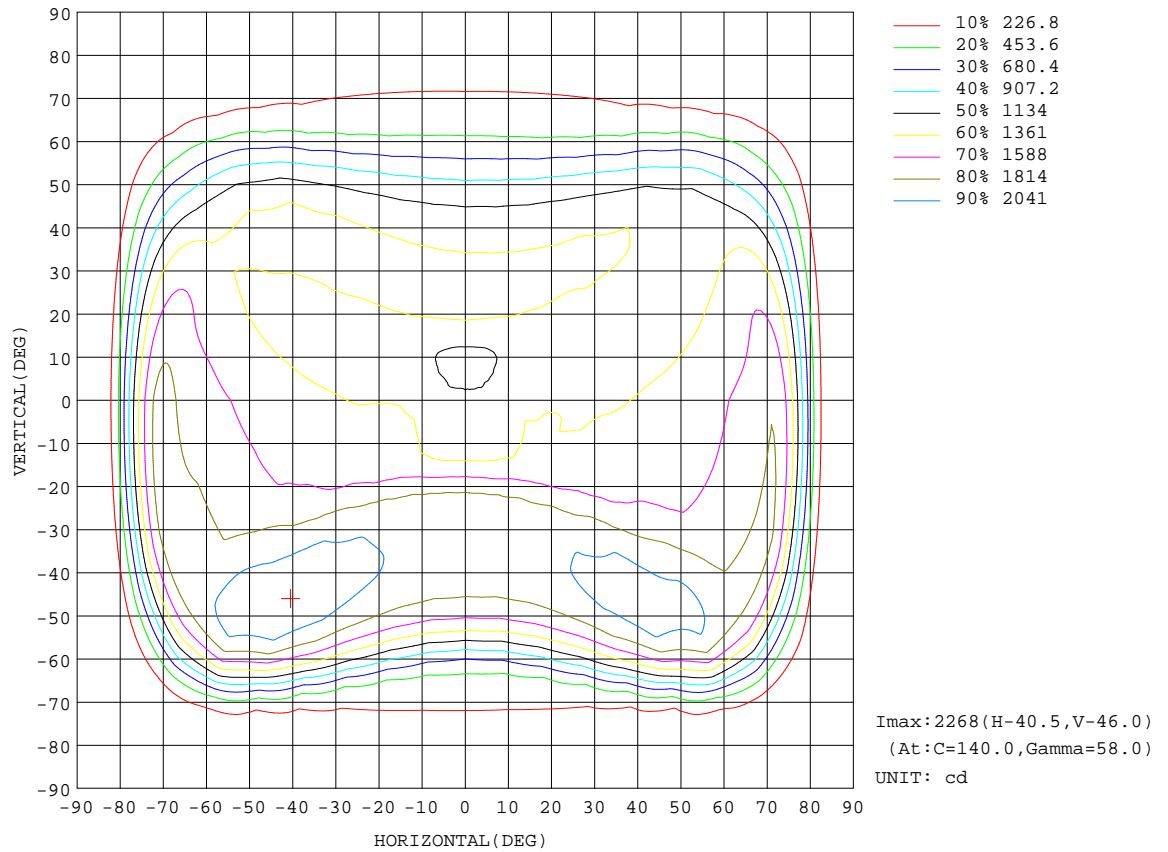
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	1292	1233	1176	1247	1295	1158	1077	1149	0- 10	111.7	111.7	1.73,1.73
20	1330	1416	1732	1449	1347	1224	1416	1206	10- 20	371.3	483.0	7.5,7.5
30	1325	1686	1943	1748	1372	1357	1410	1333	20- 30	681.9	1165	18.1,18.1
40	1372	1938	1933	2000	1440	1446	1260	1396	30- 40	968.7	2134	33.1,33.1
50	1445	2096	1616	2154	1537	1420	945.7	1338	40- 50	1198	3332	51.7,51.7
60	1566	2058	680.1	2115	1682	1139	499.9	1052	50- 60	1274	4606	71.5,71.5
70	1780	1206	268.6	1262	1929	443.9	267.6	422.3	60- 70	1108	5714	88.7,88.7
80	581.7	117.0	62.81	123.0	519.1	95.93	62.36	93.60	70- 80	626.6	6341	98.5,98.5
90	4.472	21.23	3.603	20.35	5.099	18.80	3.917	19.17	80- 90	73.19	6414	99.6,99.6
100	6.642	17.77	5.724	16.58	7.153	18.03	7.074	18.82	90-100	24.80	6439	100,100
110	0	0	0	0	0	0	0	0	100-110	1.077	6440	100,100
120	0	0	0	0	0	0	0	0	110-120	0	6440	100,100
130	0	0	0	0	0	0	0	0	120-130	0	6440	100,100
140	0	0	0	0	0	0	0	0	130-140	0	6440	100,100
150	0	0	0	0	0	0	0	0	140-150	0	6440	100,100
160	0	0	0	0	0	0	0	0	150-160	0	6440	100,100
170	0	0	0	0	0	0	0	0	160-170	0	6440	100,100
180	0	0	0	0	0	0	0	0	170-180	0	6440	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

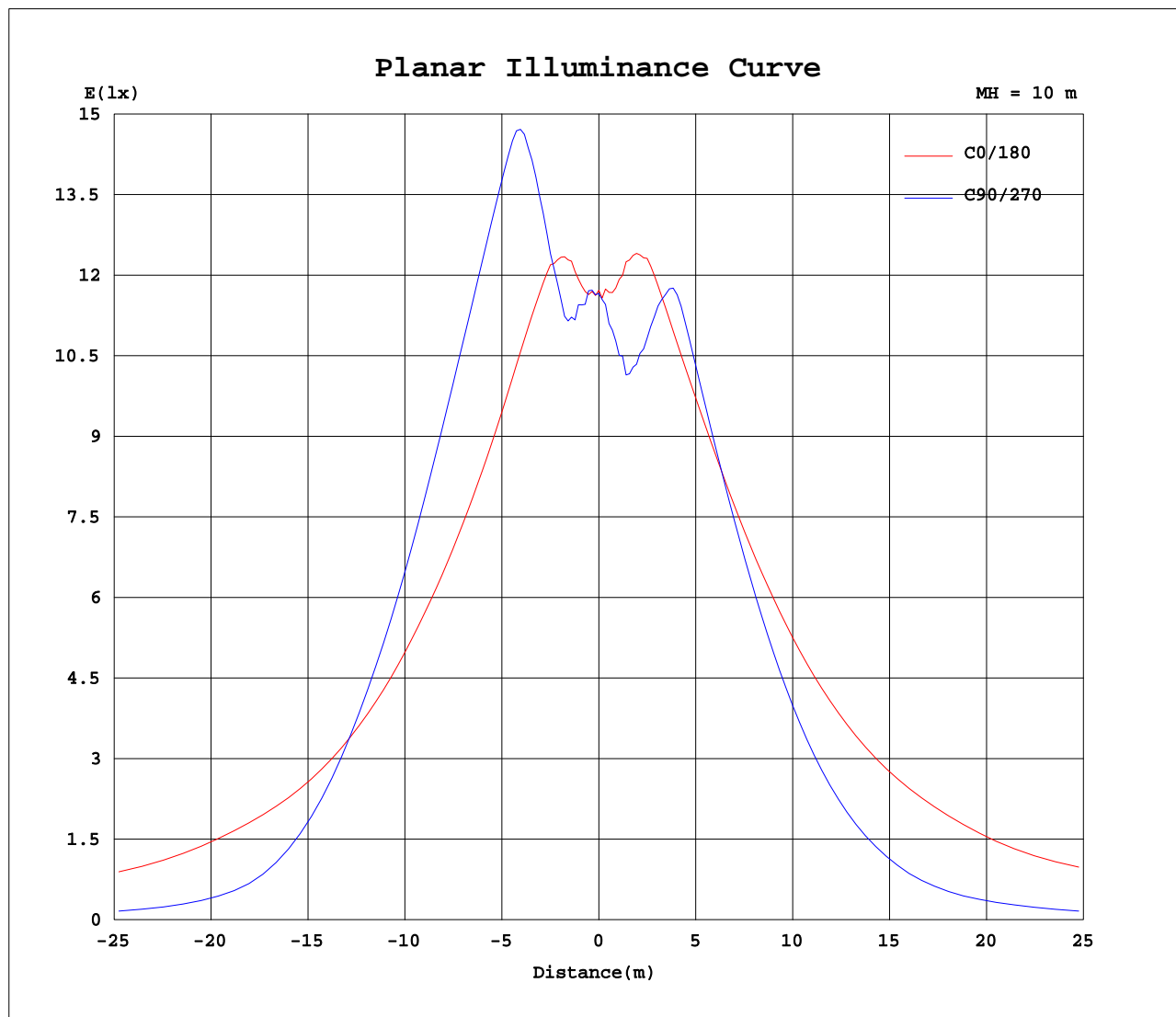
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



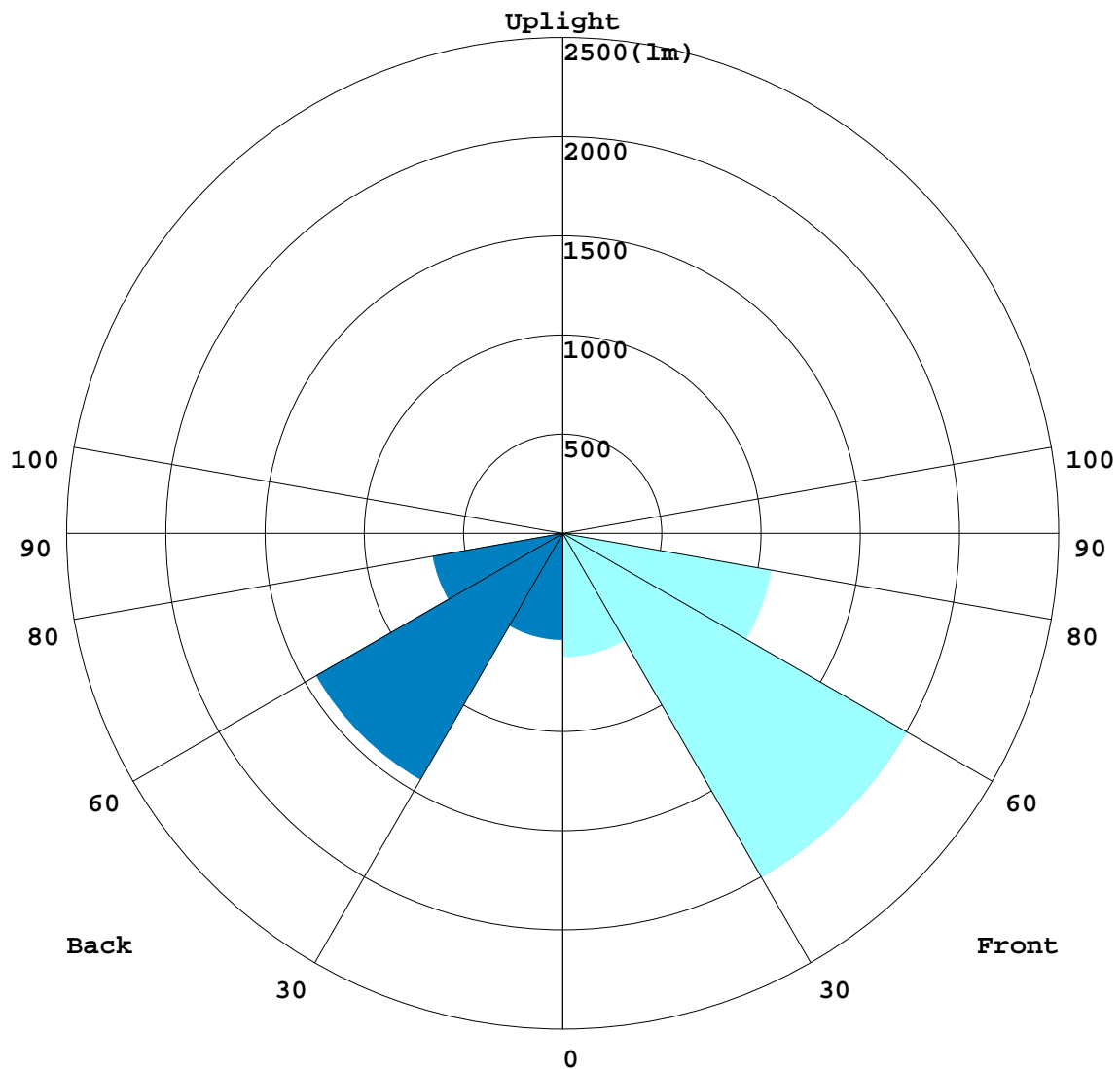
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

LCS REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

### BUG REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	625.7	9.7
FM - Front-Medium(30-60)	2005.5	31.1
FH - Front-High(60-80)	1069.2	16.6
FVH - Front-Very High(80-90)	41.716	0.6
Total Forward Light	3755.4	58.3

BL - Back-Low(0-30)	539.23	8.4
BM - Back-Medium(30-60)	1435.6	22.3
BH - Back-High(60-80)	665.55	10.3
BVH - Back-Very High(80-90)	31.472	0.5
Total Back Light	2684.5	41.7

UL - Uplight-Low(90-100)	24.797	0.4
UH - Uplight-High(100-180)	1.0773	0.0
Total Up Light	25.874	0.4

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2671.9	12.578	2684.5
Street Side	3742.1	13.296	3755.4

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

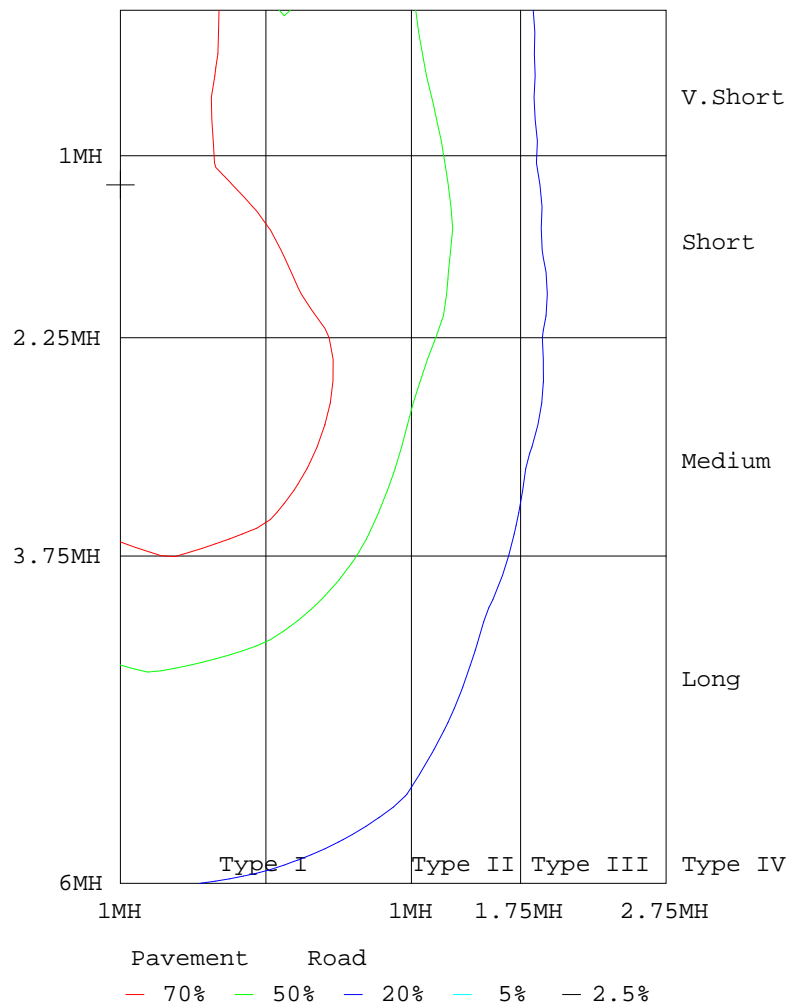
γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	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	1172	1173	1172	1172	1172	1170	1172	1168	1171	1166	1170	1164	1168	1163	1166	1162	1162	1159	1172
5	1194	1191	1198	1183	1183	1171	1170	1159	1167	1158	1171	1165	1175	1176	1188	1186	1195	1194	1190
10	1292	1306	1298	1289	1248	1218	1199	1190	1178	1176	1185	1197	1207	1229	1266	1309	1319	1317	1295
15	1336	1337	1367	1355	1351	1320	1325	1362	1405	1418	1408	1369	1341	1343	1378	1394	1404	1370	1350
20	1330	1369	1365	1381	1392	1439	1546	1632	1716	1732	1725	1651	1569	1468	1430	1427	1410	1409	1347
25	1322	1348	1371	1397	1447	1618	1790	1875	1905	1912	1913	1895	1822	1660	1499	1443	1427	1393	1352
30	1325	1369	1390	1413	1574	1797	1918	1936	1938	1943	1947	1956	1954	1856	1640	1469	1462	1436	1372
35	1343	1395	1423	1473	1722	1933	1973	1961	1955	1956	1963	1982	2009	1983	1790	1540	1493	1460	1401
40	1372	1420	1446	1556	1864	2012	2002	1966	1937	1933	1948	1989	2040	2065	1935	1640	1527	1496	1440
45	1408	1453	1487	1662	1974	2073	1999	1912	1845	1832	1859	1939	2042	2124	2046	1750	1580	1537	1486
50	1445	1485	1529	1770	2095	2096	1933	1768	1645	1616	1667	1807	1984	2149	2159	1871	1619	1589	1537
55	1489	1533	1587	1900	2176	2054	1776	1480	1260	1202	1293	1535	1835	2112	2241	1984	1690	1656	1596
60	1566	1614	1663	2023	2209	1907	1430	1012	744	680	785	1081	1509	1970	2260	2116	1783	1755	1682
65	1640	1716	1758	2115	2083	1519	891	506	391	391	404	556	974	1597	2118	2193	1869	1827	1750
70	1780	1814	1875	2057	1609	803	352	281	269	269	273	289	388	875	1650	2085	1968	1980	1929
75	1503	1735	1694	1471	610	242	194	177	158	154	160	181	199	266	657	1425	1615	1652	1479
80	582	733	659	324	124	110	91.8	79.0	67.6	62.8	68.7	79.8	94.0	113	133	314	545	605	519
85	48.7	94.2	78.0	62.7	45.0	34.1	25.0	22.1	18.4	16.4	18.5	22.4	25.5	34.7	45.2	62.8	76.8	80.5	38.3
90	4.47	64.0	57.8	41.4	26.0	16.5	11.1	7.75	5.28	3.60	5.19	7.57	10.8	15.8	24.9	39.7	55.3	61.8	5.10
95	5.48	58.8	52.3	37.6	24.4	16.3	11.6	8.40	5.94	4.58	5.77	8.10	11.1	15.5	23.0	35.5	49.0	55.4	5.96
100	6.64	46.2	40.8	29.7	20.5	15.1	11.5	8.94	6.76	5.72	6.53	8.53	10.9	14.1	19.0	27.2	36.8	41.9	7.15
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	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
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: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:21cm*16cm	Shielding Angle:

Table--2

UNIT: cd

C(DEC)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
γ (DEC)																			
0	1173	1172	1172	1172	1170	1172	1168	1171	1166	1170	1164	1168	1163	1166	1162	1162	1159		
5	1186	1169	1161	1131	1125	1117	1097	1092	1090	1093	1092	1110	1124	1125	1161	1177	1182		
10	1273	1244	1219	1183	1134	1099	1089	1073	1077	1066	1084	1094	1124	1173	1203	1238	1267		
15	1349	1302	1264	1213	1177	1169	1185	1209	1226	1209	1183	1159	1166	1196	1241	1276	1318		
20	1318	1293	1242	1216	1232	1301	1355	1395	1416	1393	1351	1294	1225	1188	1220	1264	1282		
25	1319	1276	1228	1232	1334	1428	1463	1460	1453	1453	1450	1419	1324	1207	1190	1235	1293		
30	1327	1264	1211	1293	1421	1462	1443	1421	1410	1412	1424	1436	1399	1268	1180	1219	1279		
35	1330	1255	1231	1362	1462	1444	1398	1365	1350	1354	1374	1407	1422	1337	1195	1213	1286		
40	1348	1262	1276	1430	1462	1399	1331	1283	1260	1269	1302	1356	1408	1383	1230	1212	1305		
45	1375	1268	1325	1457	1437	1329	1227	1160	1128	1142	1193	1276	1371	1400	1279	1216	1320		
50	1406	1291	1376	1470	1369	1209	1071	984	946	966	1033	1149	1290	1386	1314	1227	1343		
55	1449	1325	1411	1425	1233	1014	849	760	724	743	811	955	1147	1337	1331	1256	1377		
60	1507	1368	1411	1292	987	729	577	520	500	510	552	681	909	1195	1328	1284	1431		
65	1596	1364	1272	985	626	447	378	370	367	367	369	421	576	912	1205	1304	1506		
70	1572	1177	904	546	342	284	276	272	268	270	272	278	324	520	893	1173	1539		
75	1115	693	398	241	188	180	162	149	141	147	158	176	184	238	411	737	1136		
80	413	208	123	99.7	92.2	85.1	74.7	68.9	62.4	67.4	72.9	82.1	89.6	97.6	126	248	465		
85	79.3	60.3	44.9	35.8	29.6	24.9	22.3	20.1	17.1	19.6	21.9	24.3	28.8	35.6	44.9	63.0	86.7		
90	55.5	46.1	32.6	22.0	15.6	11.3	8.14	5.70	3.92	5.59	8.11	11.4	15.8	22.5	33.7	48.4	59.1		
95	50.6	42.7	30.8	21.9	16.3	12.4	9.30	6.80	5.32	6.80	9.44	12.7	16.7	22.6	32.3	45.5	55.1		
100	39.8	34.4	26.2	20.0	16.1	13.1	10.4	8.17	7.07	8.28	10.7	13.6	16.7	20.9	27.8	37.5	44.7		
105	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		
110	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		
115	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		
120	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		
125	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		
130	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		
135	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		
140	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		
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		
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		
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		
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		
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		
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		
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		
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		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2017.10.31

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks: