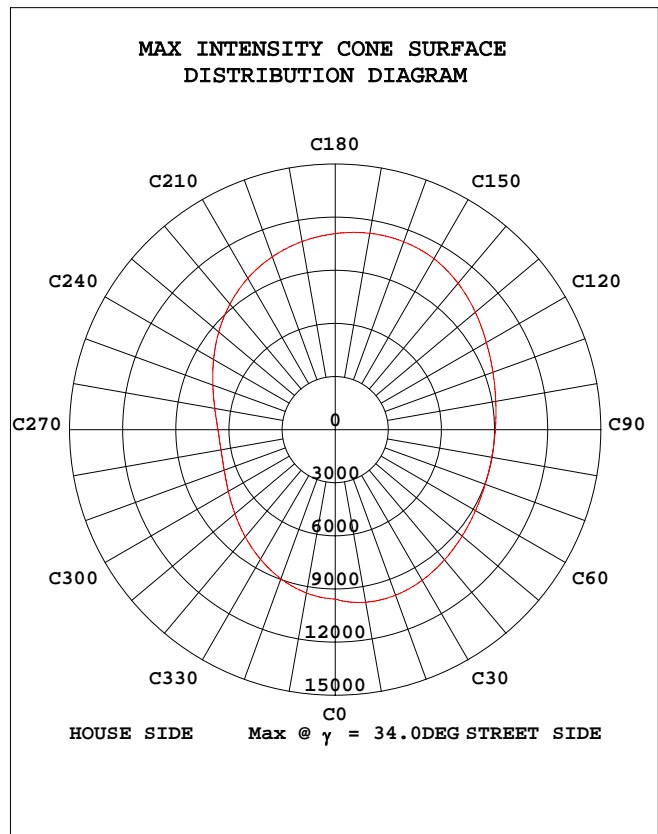
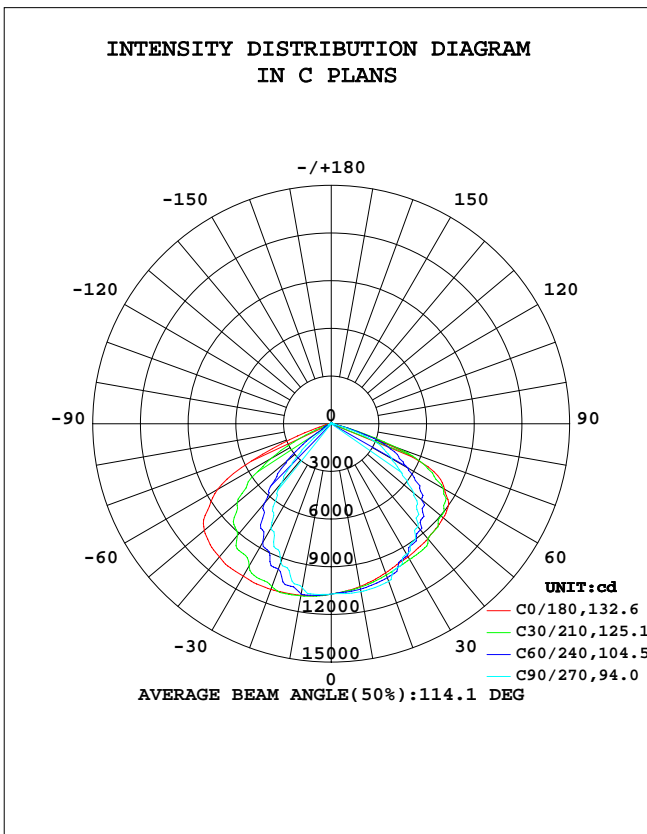


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.46 lm/W			
MODEL	TS-SL0730-300W-H5-1	I _{max} (cd)	11153	η street_up(%)	0.6
NOMINAL POWER(W)	300	LOR(%)	100.0	η street_down(%)	58.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	30145	η house_up(%)	0.7
NOMINAL FLUX(lm)	30145	MAXIMUM @(C,γ)	150,34.0	η house_down(%)	40.6
LAMPS INSIDE	1	η up(%)	1.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	98.7	SLI	18.980

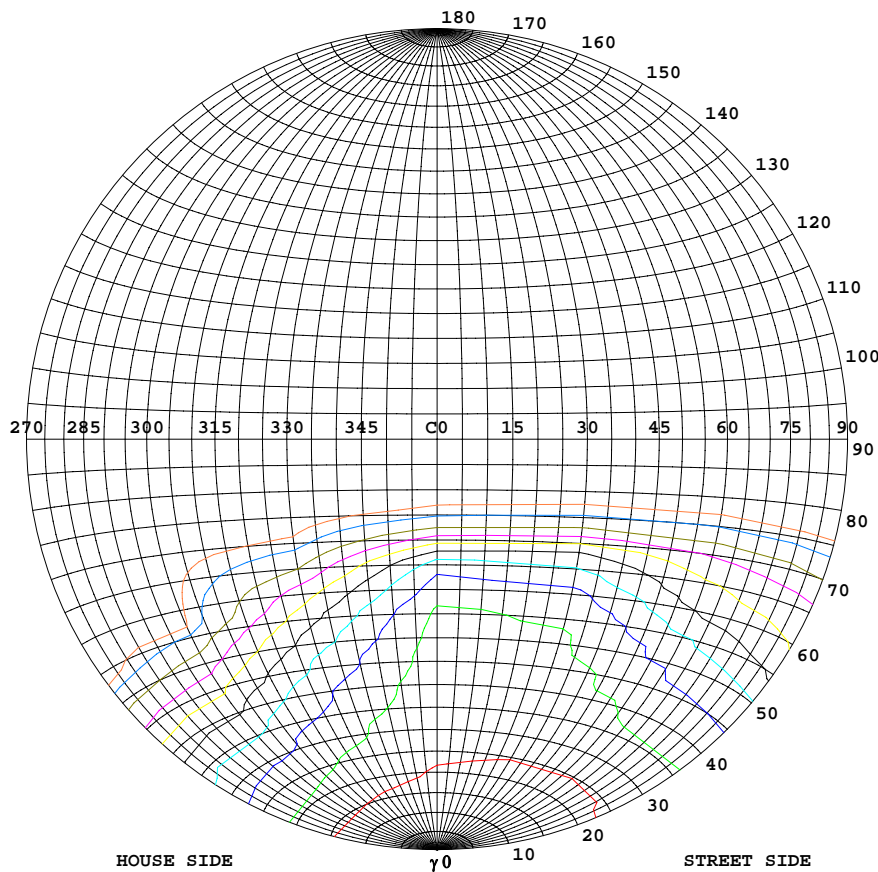


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.550m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:



Classification:

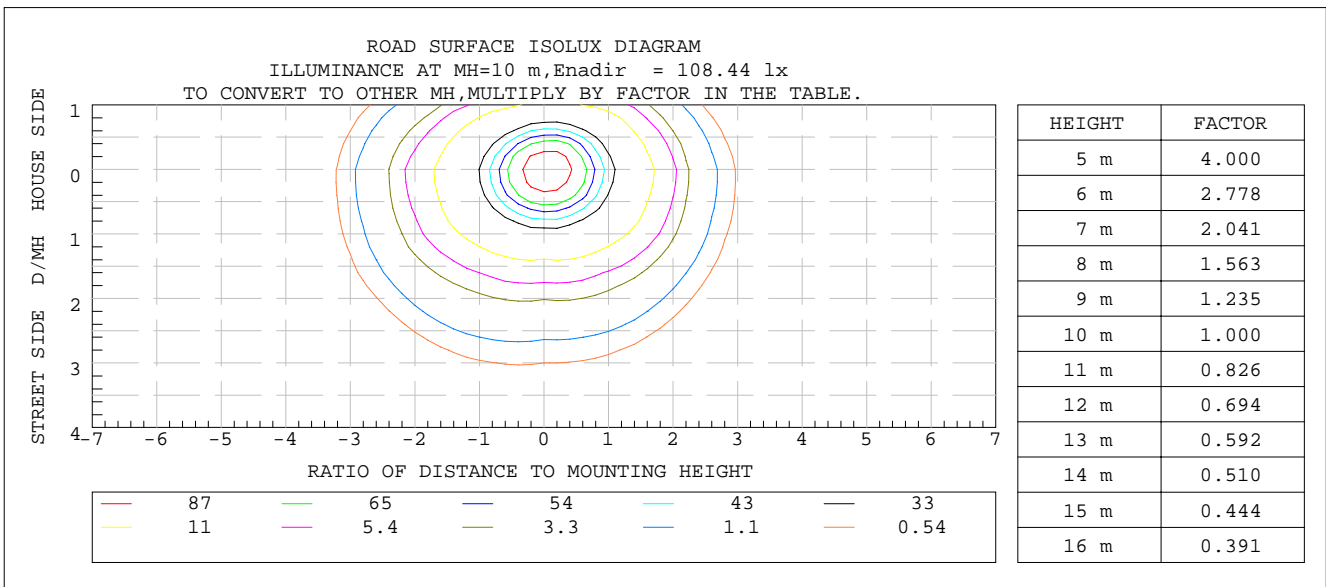
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:11.87cd/klm
 Max.At90:3.508cd/klm
 Max.80-90:11.87cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11153
90%	10038
80%	8923
70%	7807
60%	6692
50%	5577
40%	4461
30%	3346
20%	2231
10%	1115
5%	558

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.550m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.550m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

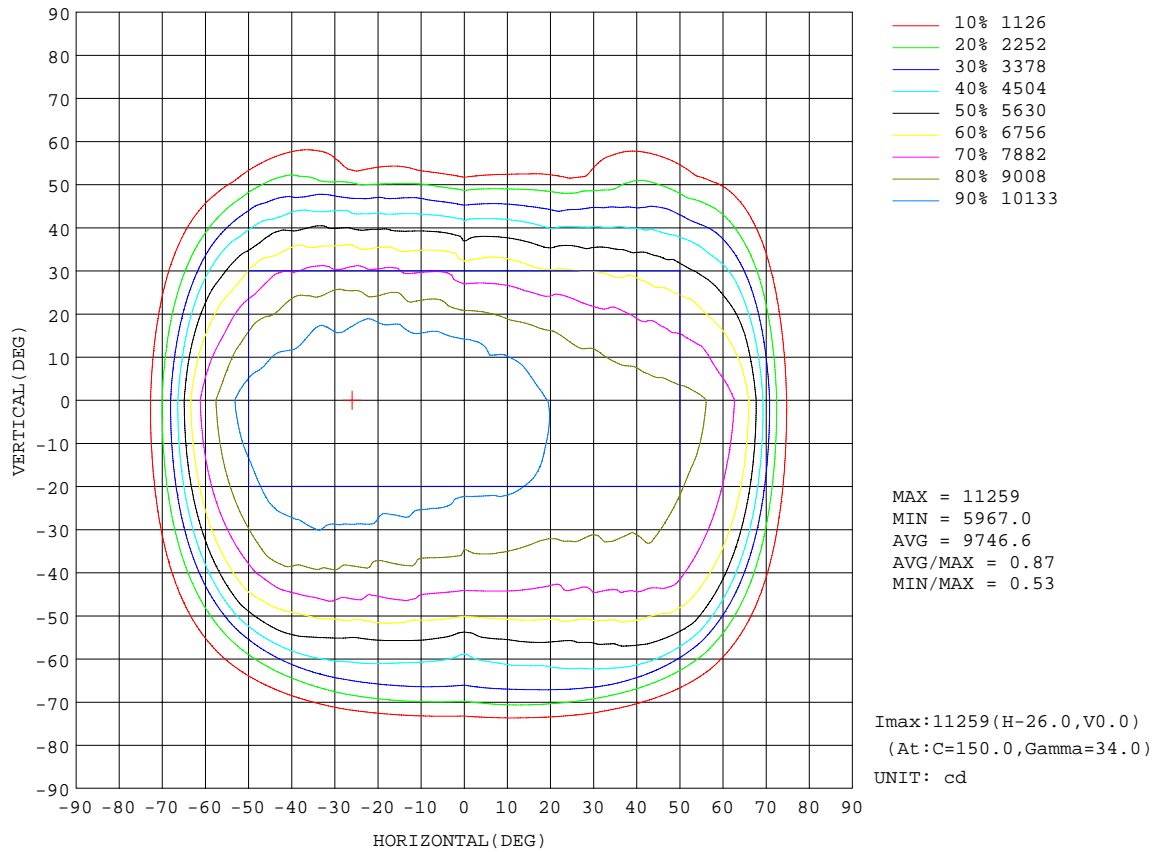
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1040	1051	1072	1089	1097	1095	1049	1050	0- 10	1024	1024	3.4,3.4
20	999.3	1022	1055	1094	1109	1032	928.8	949.2	10- 20	2968	3992	13.2,13.2
30	967.3	972.6	948.0	1071	1107	948.9	760.0	817.9	20- 30	4563	8554	28.4,28.4
40	945.6	909.7	847.9	1006	1094	787.9	484.9	665.7	30- 40	5638	14192	47.1,47.1
50	920.5	822.9	679.9	896.8	1043	569.6	165.3	451.1	40- 50	5959	20152	66.8,66.8
60	823.2	686.1	440.7	656.2	824.2	250.9	20.63	221.0	50- 60	5236	25387	84.2,84.2
70	392.1	380.7	220.3	262.5	225.2	36.57	11.56	48.65	60- 70	3454	28842	95.7,95.7
80	25.89	32.85	22.42	29.97	20.69	9.436	6.343	9.167	70- 80	786.3	29628	98.3,98.3
90	5.226	9.845	10.27	9.766	5.596	6.120	4.421	5.790	80- 90	125.8	29754	98.7,98.7
100	5.536	6.763	6.570	6.901	5.629	5.738	4.630	5.478	90-100	71.40	29825	98.9,98.9
110	5.808	5.474	4.881	5.538	6.039	5.898	5.183	5.804	100-110	61.03	29886	99.1,99.1
120	6.088	5.343	4.469	5.323	6.275	6.215	5.751	6.127	110-120	55.80	29942	99.3,99.3
130	6.238	5.645	4.957	5.560	6.416	6.569	6.279	6.463	120-130	52.68	29995	99.5,99.5
140	6.456	6.105	5.728	5.815	6.567	6.800	6.662	6.815	130-140	47.93	30043	99.7,99.7
150	6.841	6.512	6.199	6.162	7.020	7.227	7.087	7.326	140-150	41.28	30084	99.8,99.8
160	7.407	7.040	6.742	6.853	7.346	7.616	7.544	7.780	150-160	32.57	30117	99.9,99.9
170	7.682	7.531	7.356	7.438	7.487	7.723	7.632	7.876	160-170	21.21	30138	100,100
180	7.678	7.708	7.602	7.673	7.704	7.702	7.580	7.673	170-180	7.283	30145	100,100
DEG	LUMINOUS INTENSITY:X10cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.550m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

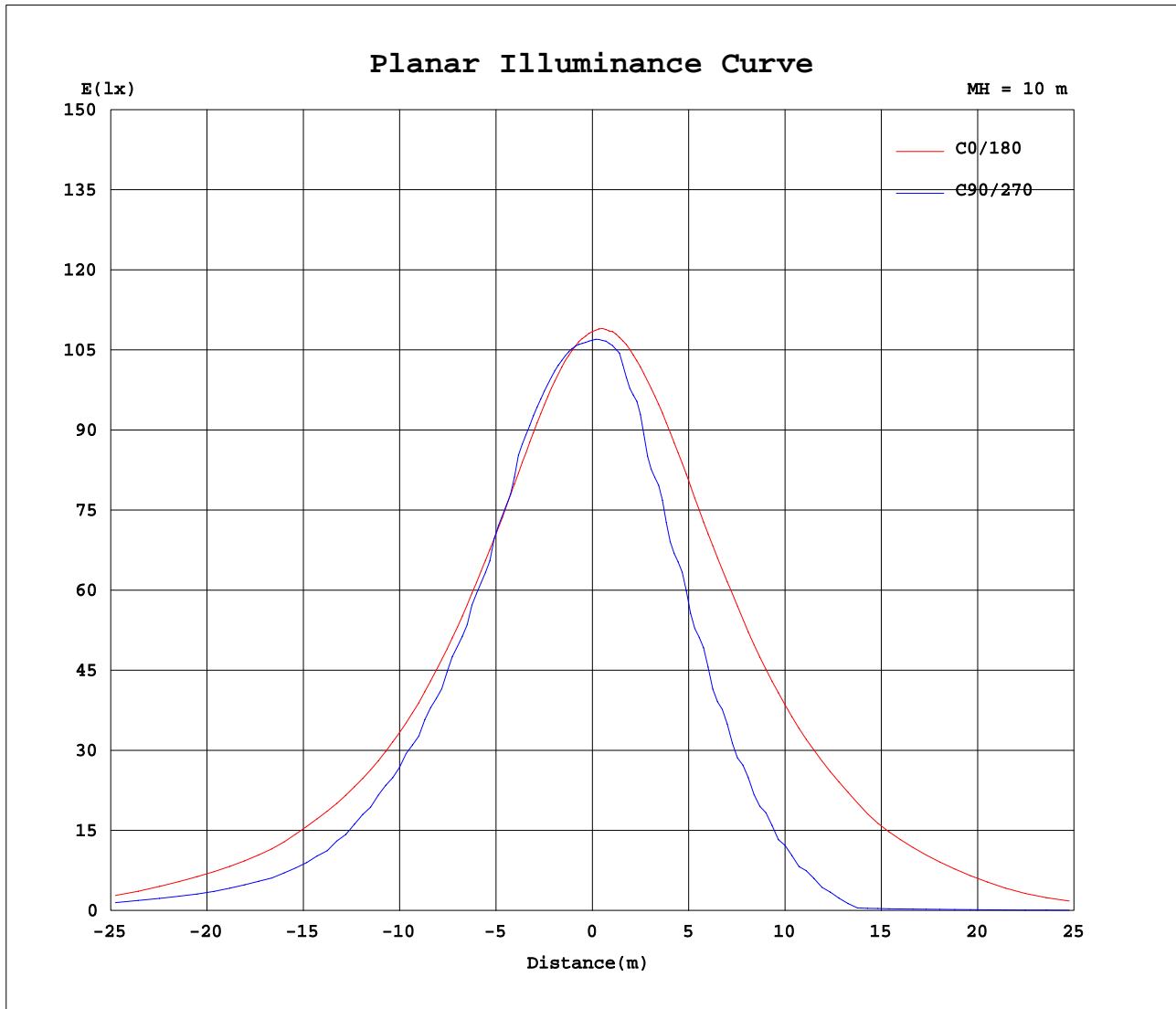
Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.550m [K=1.0000]
 Remarks:

Planar Illuminance Curve



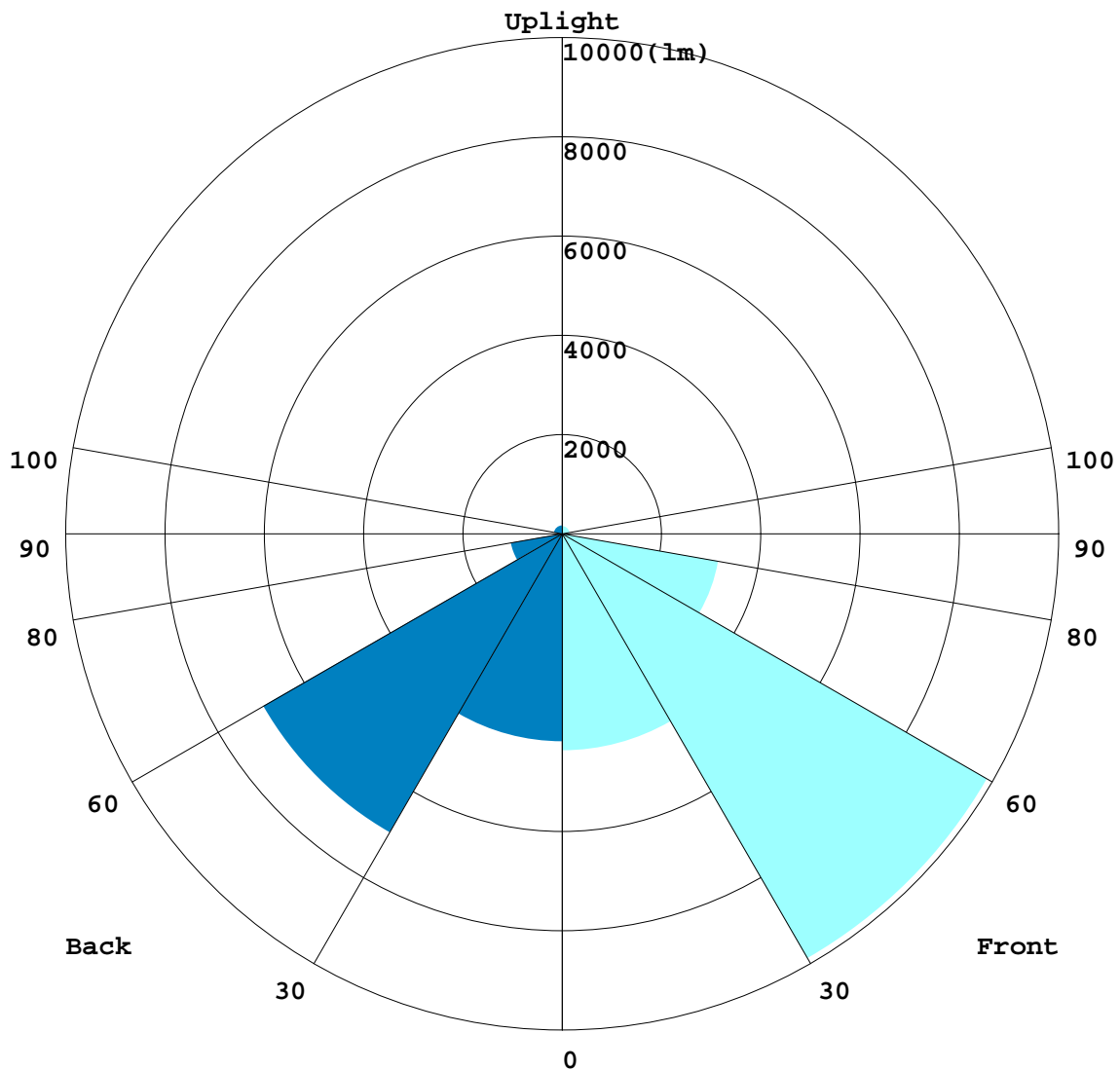
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.550m [K=1.0000]
Remarks:

LCS REPORT

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.550m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4368.5	14.5
FM - Front-Medium(30-60)	9880	32.8
FH - Front-High(60-80)	3193.5	10.6
FVH - Front-Very High(80-90)	85.605	0.3
Total Forward Light	17722	58.8

BL - Back-Low(0-30)	4186	13.9
BM - Back-Medium(30-60)	6952.9	23.1
BH - Back-High(60-80)	1047.3	3.5
BVH - Back-Very High(80-90)	40.241	0.1
Total Back Light	12423	41.2

UL - Uplight-Low(90-100)	71.399	0.2
UH - Uplight-High(100-180)	319.77	1.1
Total Up Light	391.17	1.3

BUG(Back,Up,Glare) Rating	B4-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12226	196.42	12423
Street Side	17528	194.76	17722

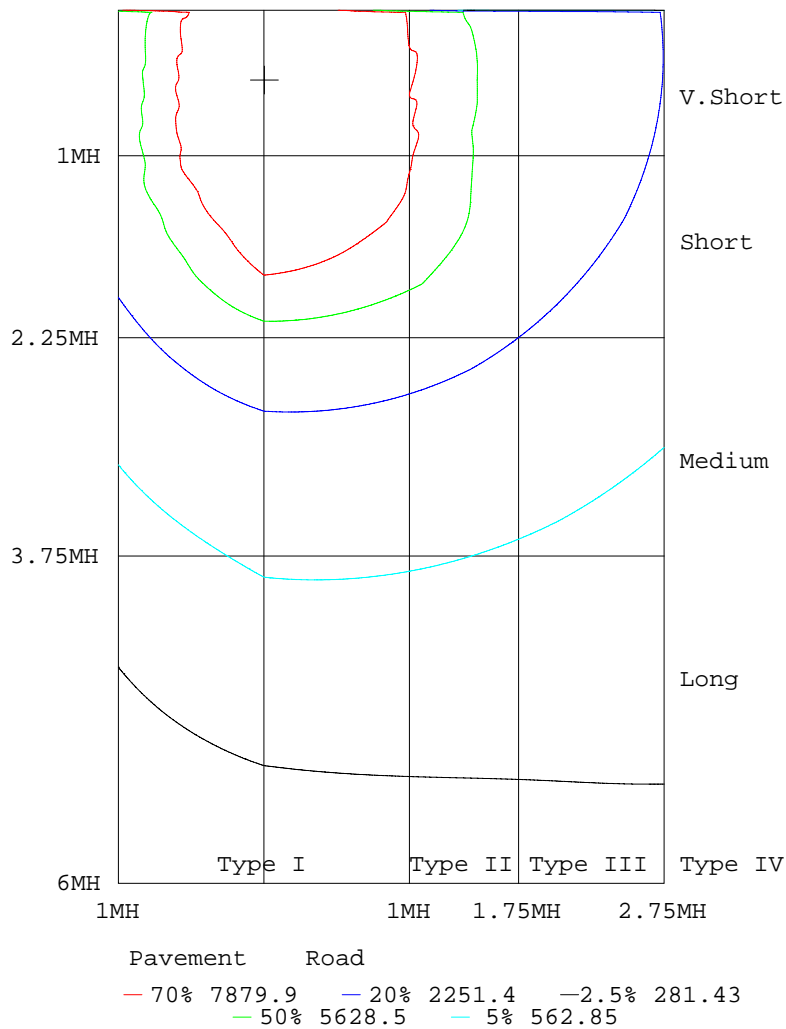
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.550m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.550m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.94V I:2.5046A P:300.06W PF:0.9988 Freq:59.98Hz Lamp Flux:30145x1 lm		
NAME: TS-SL0730-300W-H5-1	TYPE:	WEIGHT:
SPEC.: 570*315	DIM.:	SERIAL No.: 20210608006
MFR.:	SUR.: 570*315	Shielding Angle:

Table--1

UNIT: X10cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071							
5	1057	1058	1063	1073	1079	1082	1085	1088	1084	1078	1070	1063							
10	1040	1046	1057	1072	1086	1092	1097	1100	1089	1049	1049	1051							
15	1020	1030	1045	1066	1086	1099	1102	1108	1054	992	995	1032							
20	999	1013	1031	1055	1083	1105	1109	1091	973	929	919	980							
25	977	996	994	997	1058	1111	1112	1076	914	854	835	939							
30	967	986	959	948	1029	1113	1107	1035	863	760	758	878							
35	954	981	913	902	984	1115	1107	988	777	637	662	831							
40	946	947	873	848	941	1071	1094	918	657	485	546	785							
45	932	935	825	762	863	1048	1077	872	502	346	435	707							
50	920	903	742	680	788	1005	1043	772	367	165	281	622							
55	900	872	682	544	672	932	949	638	192	22.7	129	522							
60	823	814	558	441	537	776	824	436	64.8	20.6	43.4	399							
65	712	671	459	357	426	582	550	222	43.3	16.1	34.5	225							
70	392	438	323	220	260	265	225	55.3	17.7	11.6	22.1	75.3							
75	103	126	108	70.4	77.7	75.3	62.3	18.4	10.5	8.20	10.5	21.2							
80	25.9	35.8	29.9	22.4	28.4	31.6	20.7	10.7	8.19	6.34	7.98	10.4							
85	9.46	15.9	14.9	14.1	14.5	13.8	8.67	7.73	6.52	5.47	6.36	7.50							
90	5.23	9.12	10.6	10.3	10.2	9.29	5.60	6.74	5.50	4.42	5.29	6.30							
95	5.36	7.54	8.19	7.91	8.20	7.88	5.59	6.36	5.33	4.48	5.14	5.96							
100	5.54	6.65	6.87	6.57	6.89	6.91	5.63	6.15	5.33	4.63	5.16	5.79							
105	5.69	6.02	5.92	5.60	5.93	6.20	5.81	6.15	5.46	4.87	5.38	5.91							
110	5.81	5.72	5.23	4.88	5.18	5.90	6.04	6.19	5.60	5.18	5.55	6.05							
115	5.93	5.63	4.97	4.38	4.82	5.82	6.17	6.31	5.76	5.46	5.72	6.21							
120	6.09	5.67	5.01	4.47	4.85	5.80	6.27	6.47	5.96	5.75	5.89	6.36							
125	6.20	5.78	5.16	4.68	5.06	5.83	6.35	6.57	6.24	6.03	6.10	6.51							
130	6.24	5.91	5.38	4.96	5.29	5.83	6.42	6.67	6.46	6.28	6.30	6.63							
135	6.33	6.09	5.65	5.28	5.51	5.85	6.47	6.71	6.60	6.49	6.53	6.73							
140	6.46	6.32	5.89	5.73	5.74	5.89	6.57	6.85	6.75	6.66	6.76	6.88							
145	6.60	6.55	6.11	6.03	5.89	6.04	6.79	7.04	6.96	6.84	7.01	7.08							
150	6.84	6.72	6.31	6.20	6.03	6.29	7.02	7.26	7.20	7.09	7.30	7.35							
155	7.13	6.92	6.58	6.38	6.28	6.63	7.22	7.43	7.48	7.36	7.59	7.59							
160	7.41	7.18	6.90	6.74	6.67	7.04	7.35	7.55	7.68	7.54	7.82	7.74							
165	7.61	7.43	7.25	7.10	7.05	7.37	7.45	7.63	7.87	7.66	7.96	7.84							
170	7.68	7.56	7.50	7.36	7.30	7.57	7.49	7.62	7.82	7.63	7.91	7.84							
175	7.74	7.64	7.71	7.55	7.51	7.72	7.58	7.57	7.73	7.54	7.73	7.74							
180	7.68	7.64	7.77	7.60	7.61	7.73	7.70	7.61	7.80	7.58	7.62	7.72							

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:08 June 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
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