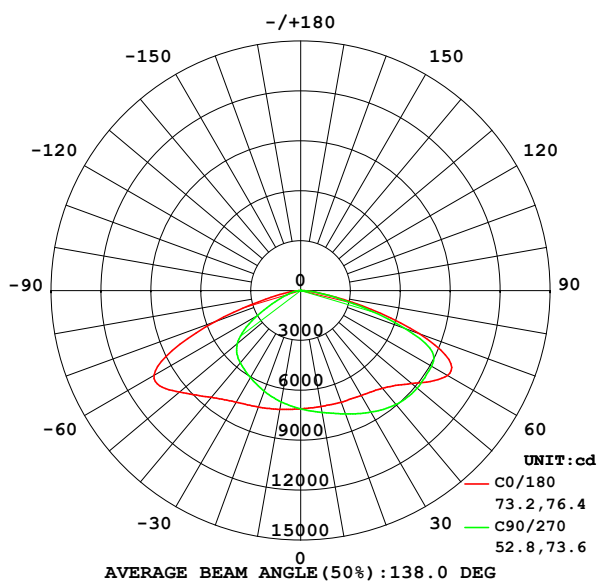
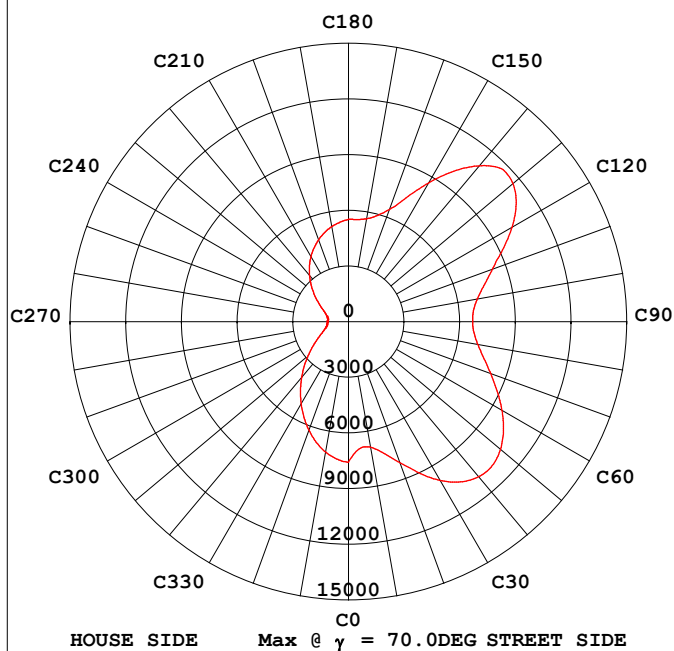


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.54 lm/W			
MODEL	AL-300WS-3CS-T4	Imax (cd)	11676	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	99.8	η street_down (%)	60.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	36166	η house_up (%)	0.0
NOMINAL FLUX (lm)	36247.4	MAXIMUM @ (C, γ)	135,70.0	η house_down (%)	39.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.8	SLI	24.239

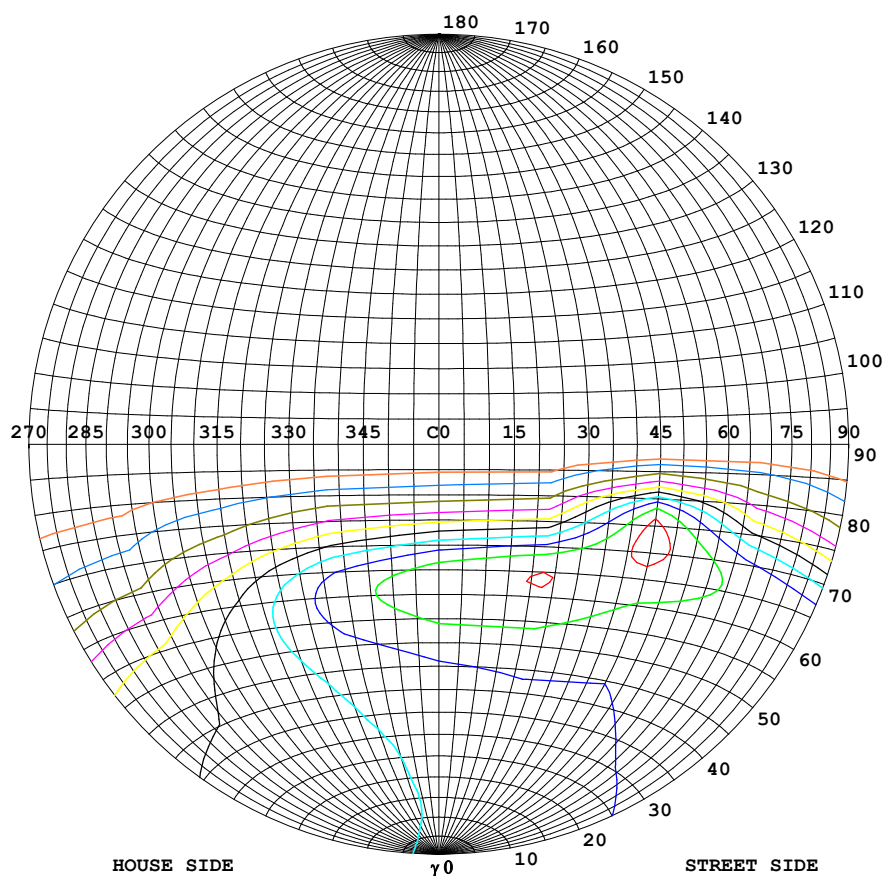
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4 °C
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:



Classification:

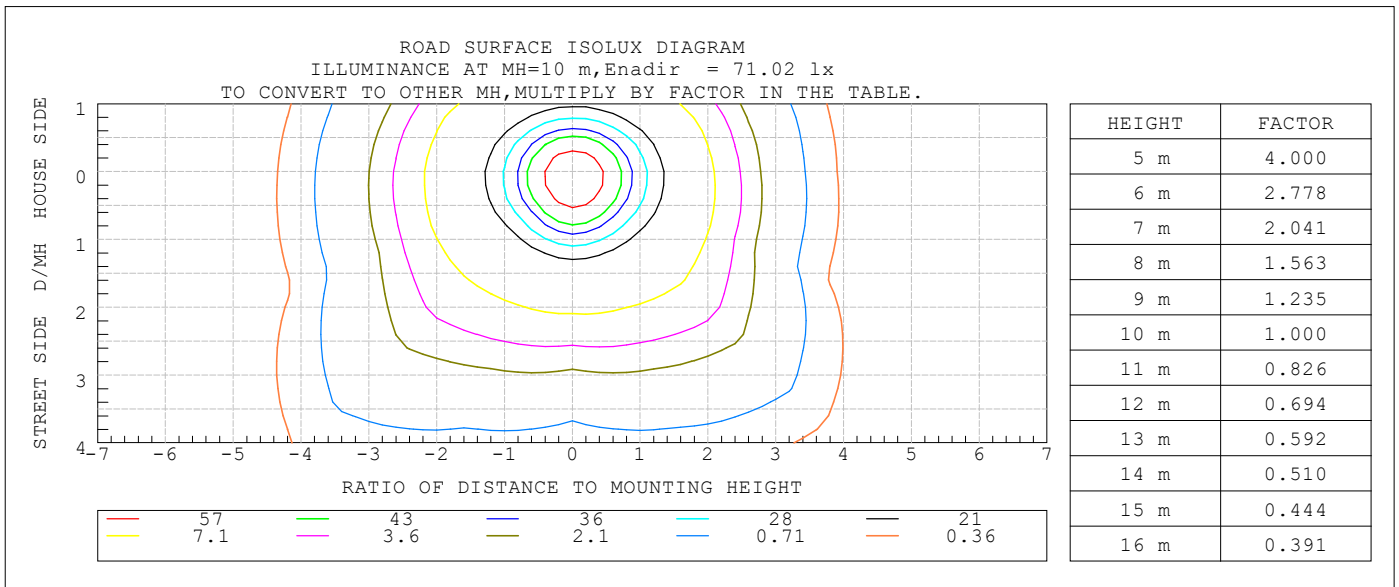
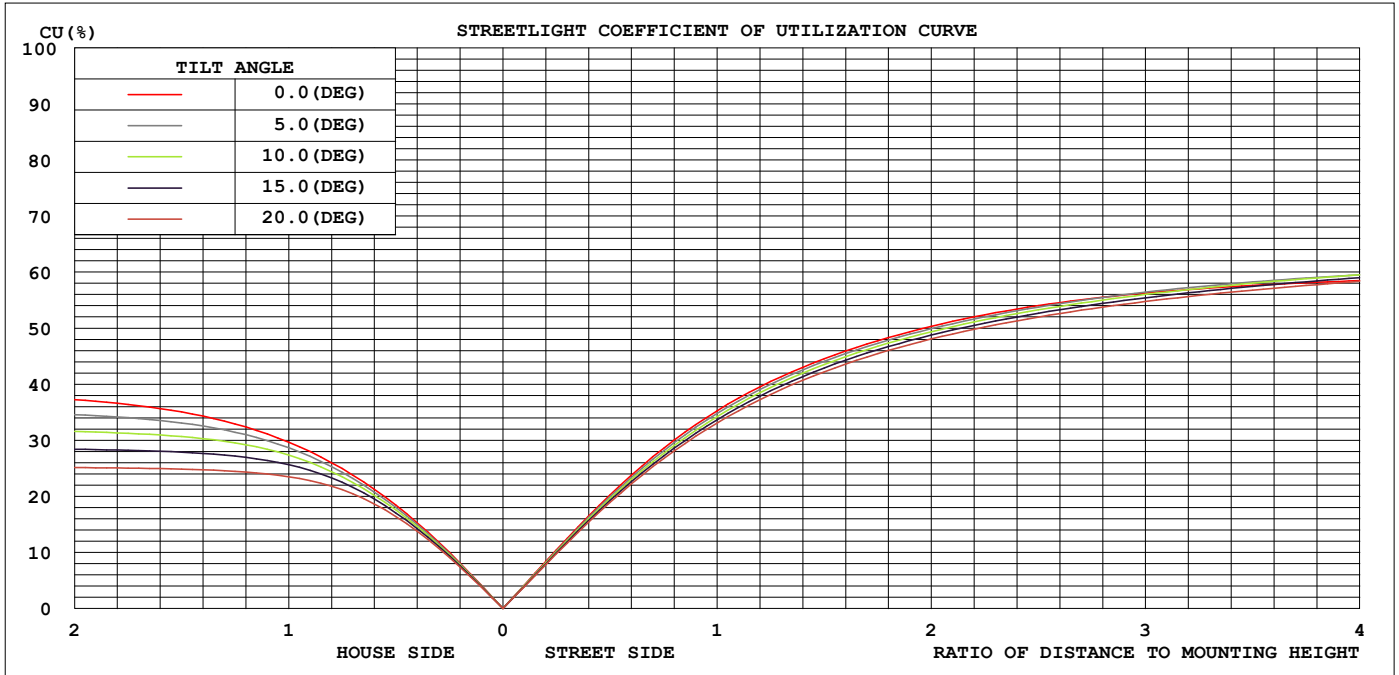
IES:Type IV - Short
CIE:Broad - Long
IES:None cut-off
CIE:Non-cut-off
Max.At80:207.7cd/klm
Max.At90:0cd/klm
Max.80-90:207.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11676
90%	10508
80%	9341
70%	8173
60%	7006
50%	5838
40%	4670
30%	3503
20%	2335
10%	1168
5%	584

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4 °C
Operators: DAMIN
Test Date: 2024-12-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance: 26.000m [K=0.4295]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:

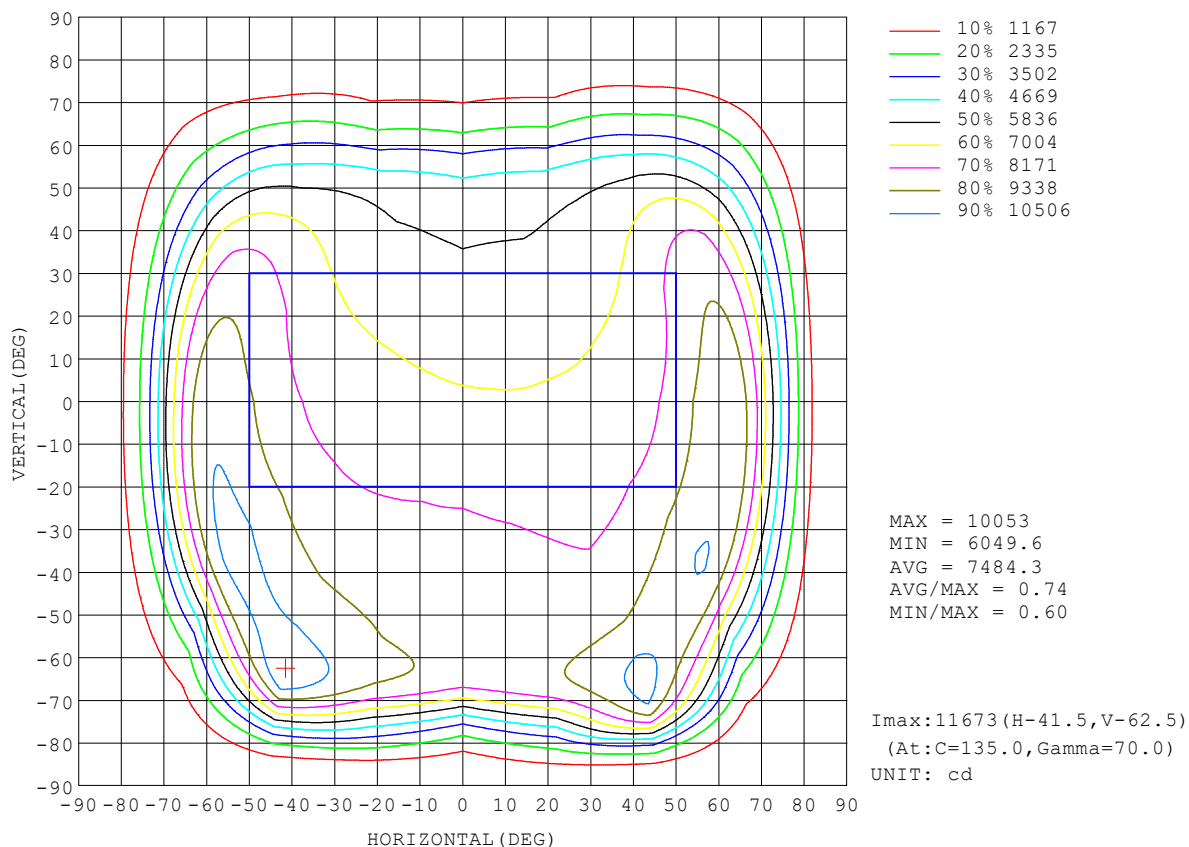
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	707.4	729.6	744.2	742.9	725.3	698.3	679.7	687.5	0- 10	680.4	680.4	1.88,1.88
20	714.4	754.0	789.2	780.4	745.1	686.1	643.5	667.7	10- 20	2036	2716	7.51,7.49
30	729.1	777.4	843.7	819.6	775.3	675.1	604.7	651.0	20- 30	3370	6086	16.8,16.8
40	767.8	802.5	893.0	864.0	838.3	675.0	566.1	642.8	30- 40	4683	10769	29.8,29.7
50	870.5	844.3	913.2	925.8	949.5	679.5	498.5	645.6	40- 50	6010	16779	46.4,46.3
60	1020	927.7	908.2	1022	1018	569.3	299.2	600.1	50- 60	7218	23997	66.4,66.2
70	758.1	1097	669.8	1168	552.3	287.3	115.4	337.4	60- 70	7209	31206	86.3,86.1
80	180.5	752.8	174.4	480.2	104.8	61.63	39.75	83.35	70- 80	4193	35398	97.9,97.7
90	0	0	0	0	0	0	0	0	80- 90	767.6	36166	100,99.8
100	0	0	0	0	0	0	0	0	90-100	0	36166	100,99.8
110	0	0	0	0	0	0	0	0	100-110	0	36166	100,99.8
120	0	0	0	0	0	0	0	0	110-120	0	36166	100,99.8
130	0	0	0	0	0	0	0	0	120-130	0	36166	100,99.8
140	0	0	0	0	0	0	0	0	130-140	0	36166	100,99.8
150	0	0	0	0	0	0	0	0	140-150	0	36166	100,99.8
160	0	0	0	0	0	0	0	0	150-160	0	36166	100,99.8
170	0	0	0	0	0	0	0	0	160-170	0	36166	100,99.8
180	0	0	0	0	0	0	0	0	170-180	0	36166	100,99.8
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

ISOCANDELA DIAGRAM

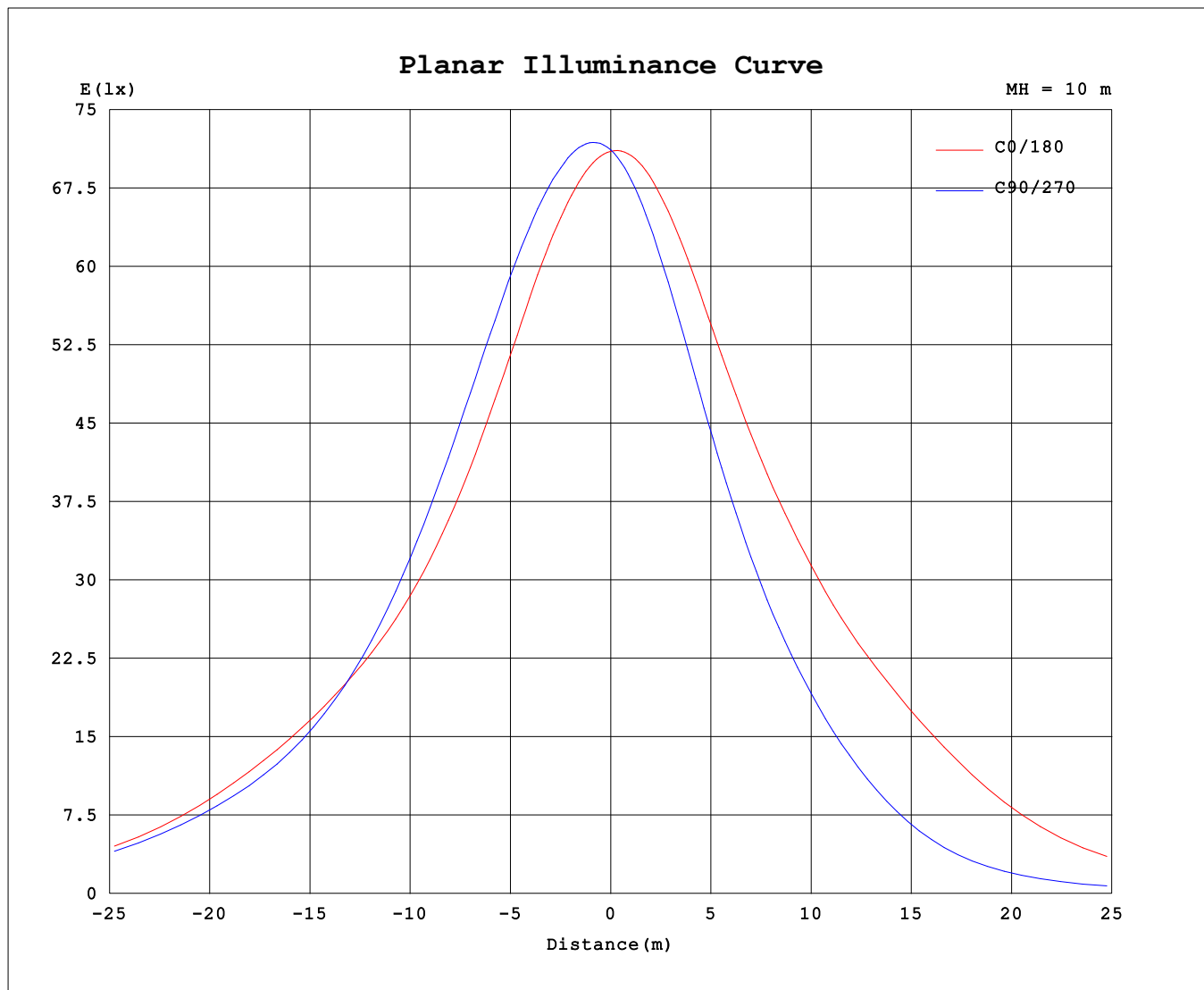
Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

Planar Illuminance Curve



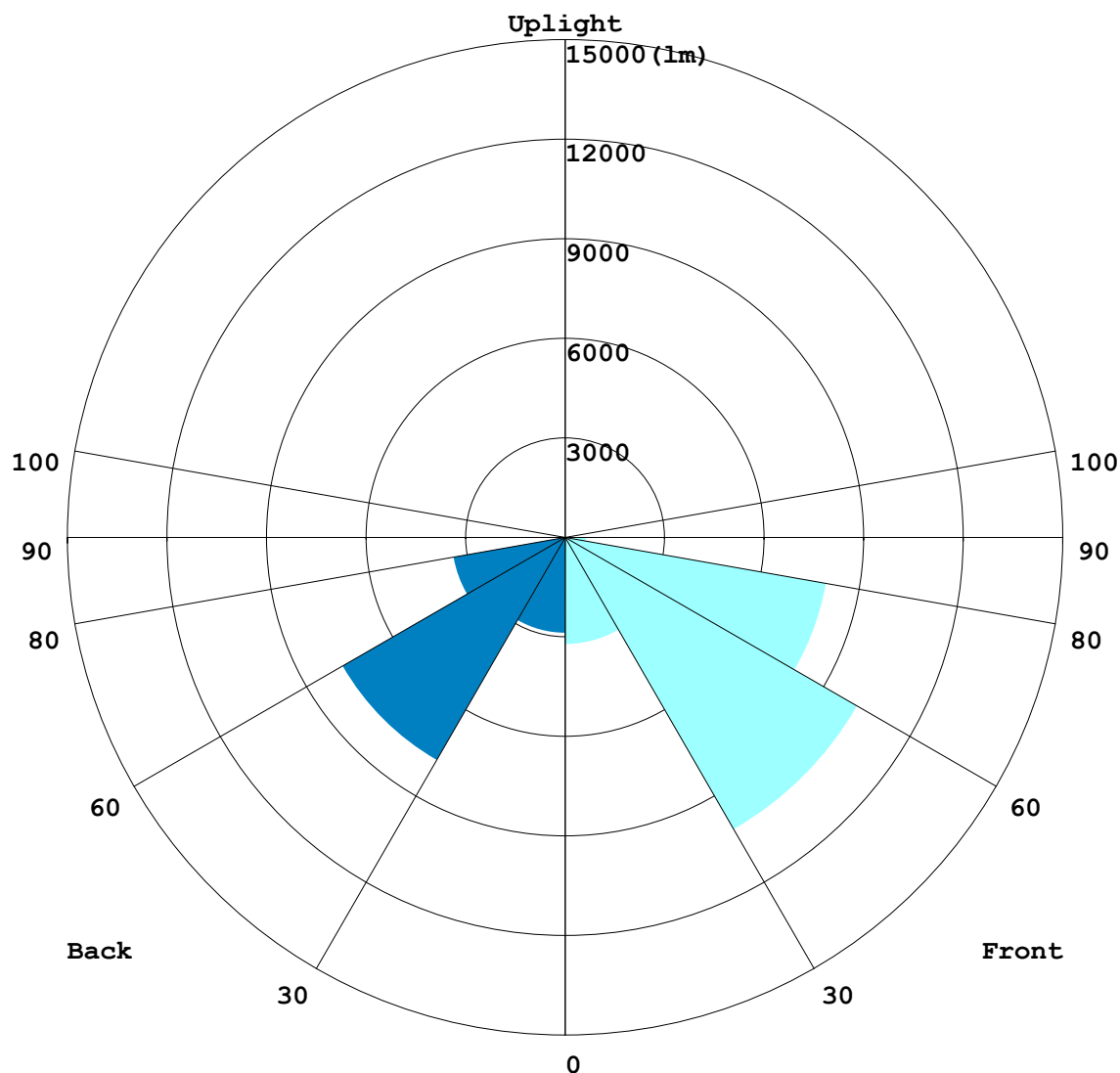
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 26.4 °C
 Operators: DAMIN
 Test Date: 2024-12-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance: 26.000m [K=0.4295]
 Remarks:

LCS REPORT

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

BUG REPORT

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: TamLite lighting	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3212.6	8.9
FM - Front-Medium(30-60)	10165	28.1
FH - Front-High(60-80)	7985.8	22.1
FVH - Front-Very High(80-90)	622.96	1.7
Total Forward Light	21986	60.8

BL - Back-Low(0-30)	2873.7	7.9
BM - Back-Medium(30-60)	7745.9	21.4
BH - Back-High(60-80)	3415.5	9.4
BVH - Back-Very High(80-90)	144.62	0.4
Total Back Light	14180	39.2

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	B4-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	14180	0	14180
Street Side	21986	0	21986

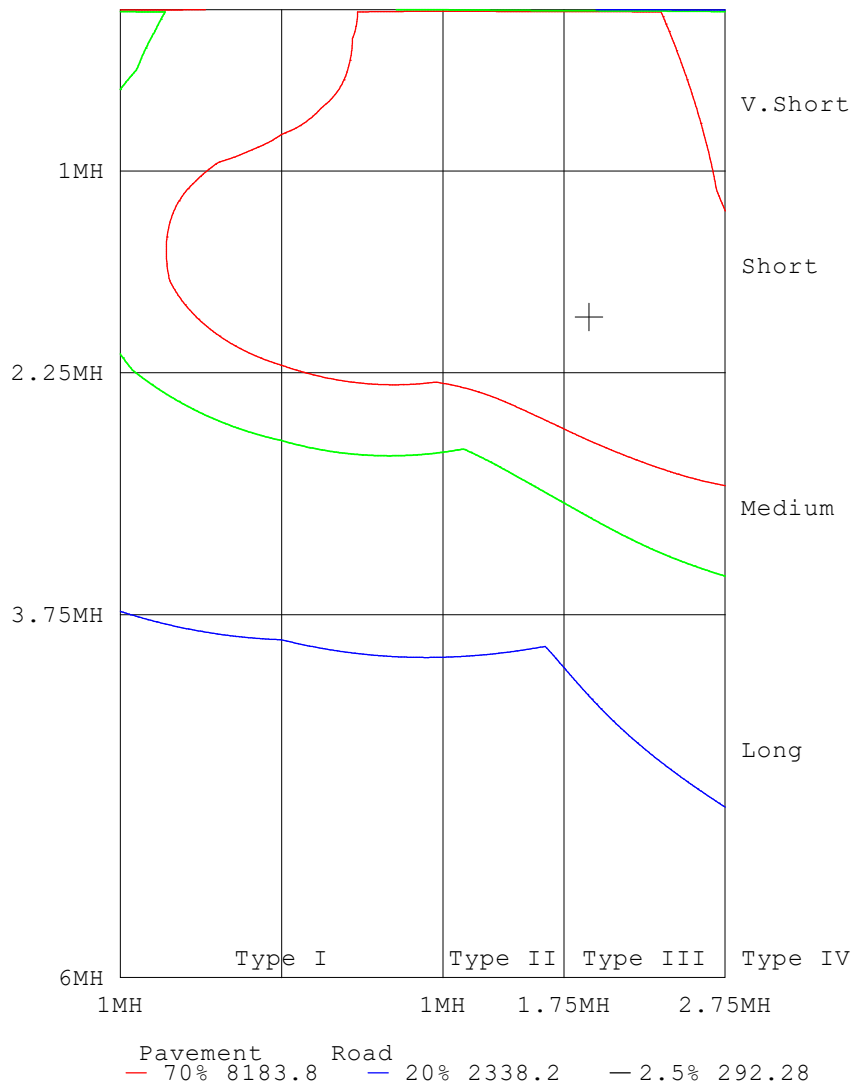
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4 °C
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.54V I:2.4703A P:292.75W PF:0.9997 Freq:60.01Hz Lamp Flux:36247.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tamlite lighting	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711			
5	708	714	720	724	727	728	726	722	717	711	704	699	696	696	699	703			
10	707	718	730	739	744	746	743	734	725	711	698	686	680	681	687	697			
15	710	725	741	754	764	767	761	748	734	713	692	672	662	665	677	692			
20	714	732	754	772	789	789	780	763	745	718	686	657	644	648	668	691			
25	719	743	766	793	817	815	799	780	758	722	680	641	624	631	659	691			
30	729	756	777	815	844	840	820	801	775	733	675	625	605	616	651	694			
35	743	775	789	835	871	863	841	828	801	749	673	611	586	600	646	701			
40	768	799	802	853	893	883	864	865	838	776	675	597	566	584	643	717			
45	807	834	820	869	907	900	892	914	889	813	680	581	542	566	643	745			
50	870	886	844	880	913	914	926	973	950	850	679	551	498	538	646	789			
55	953	956	877	891	912	926	967	1042	1015	874	649	486	416	483	640	845			
60	1020	1032	928	901	908	944	1022	1089	1018	839	569	372	299	381	600	880			
65	983	1051	1006	917	873	960	1107	1007	852	703	441	241	190	256	493	811			
70	758	849	1097	849	670	865	1168	680	552	456	287	141	115	153	337	597			
75	440	499	1092	602	379	596	960	324	262	246	152	79.8	70.0	87.0	191	356			
80	180	214	753	325	174	324	480	130	105	107	61.6	41.3	39.8	46.0	83.4	153			
85	49.4	50.3	209	129	52.7	96.9	120	32.5	22.8	19.2	14.8	12.7	15.1	16.0	20.9	33.2			
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			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.4℃
Operators:DAMIN
Test Date:2024-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4295]
Remarks: