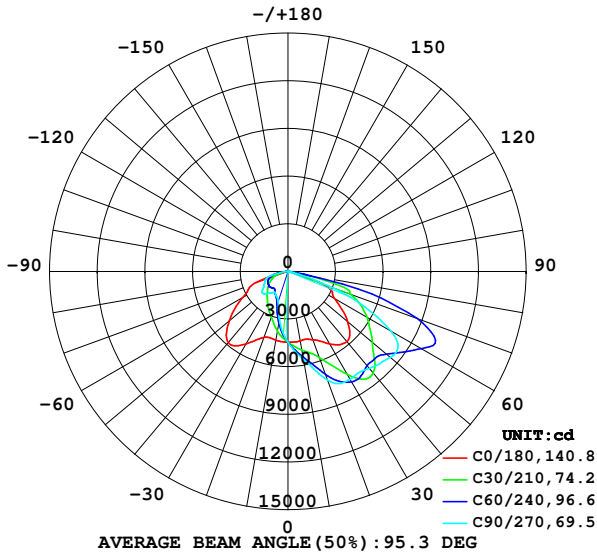
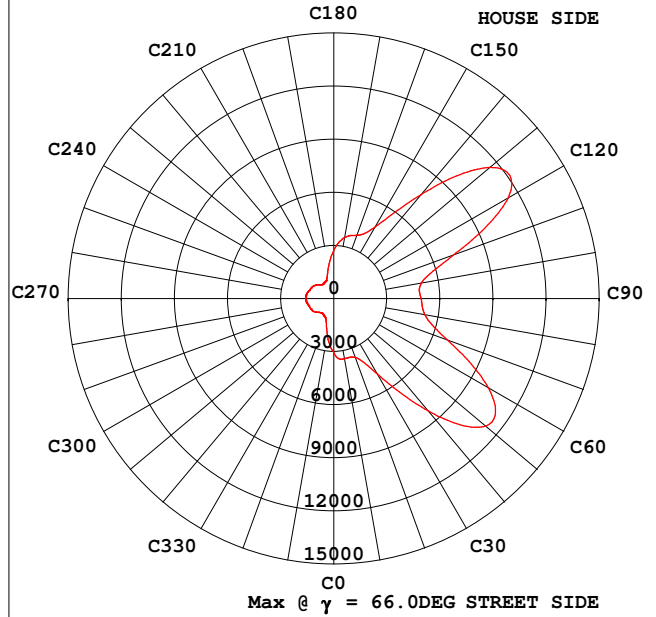


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.01 lm/W			
MODEL	LYS100	I _{max} (cd)	11528	η street_up (%)	0.0
NOMINAL POWER (W)	170	LOR (%)	100.0	η street_down (%)	52.8
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	21090	η house_up (%)	0.0
NOMINAL FLUX (lm)	21089.7	MAXIMUM @ (C, γ)	130,66.0	η house_down (%)	47.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.409

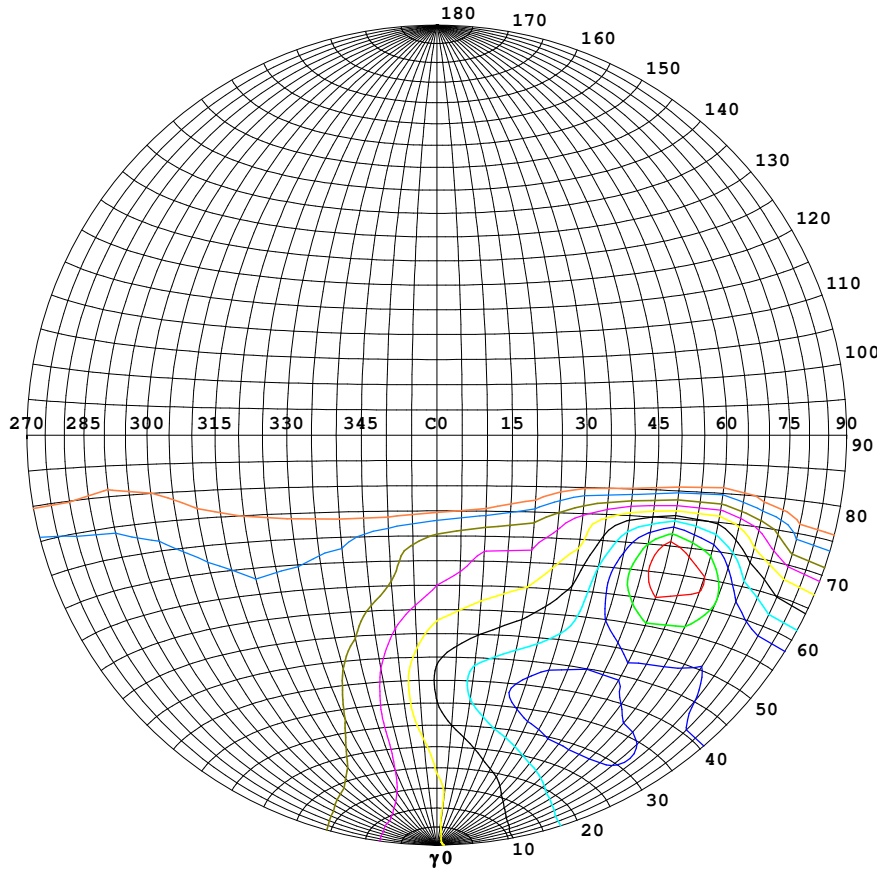
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

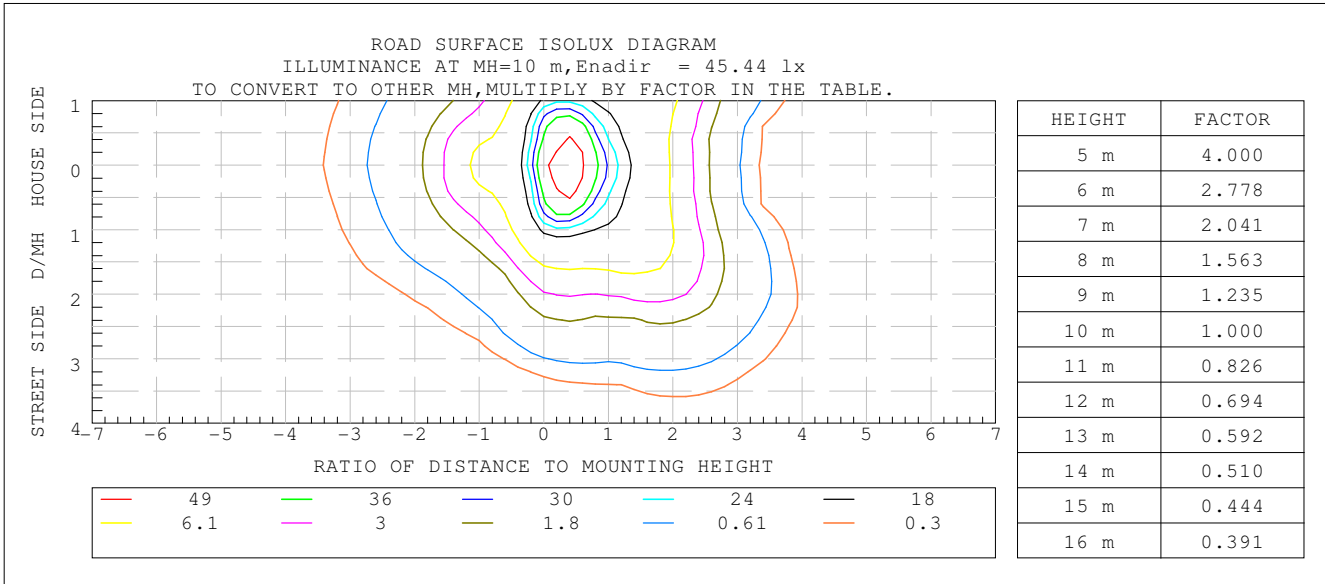
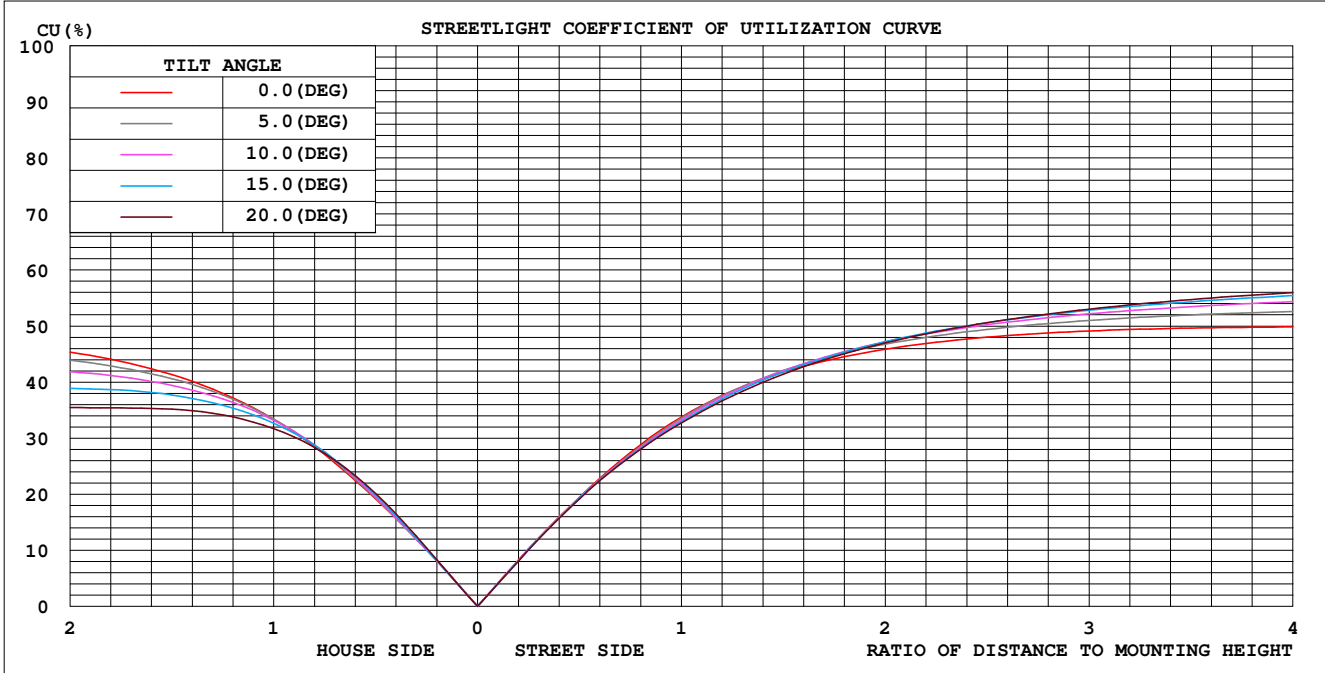
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:71.89cd/klm
 Max.At90:0.4800cd/klm
 Max.80-90:71.89cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	11528
90%	10376
80%	9223
70%	8070
60%	6917
50%	5764
40%	4611
30%	3459
20%	2306
10%	1153
5%	576

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:13.07.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks: LYS100-170W-T4

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

ZONAL FLUX DIAGRAM

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

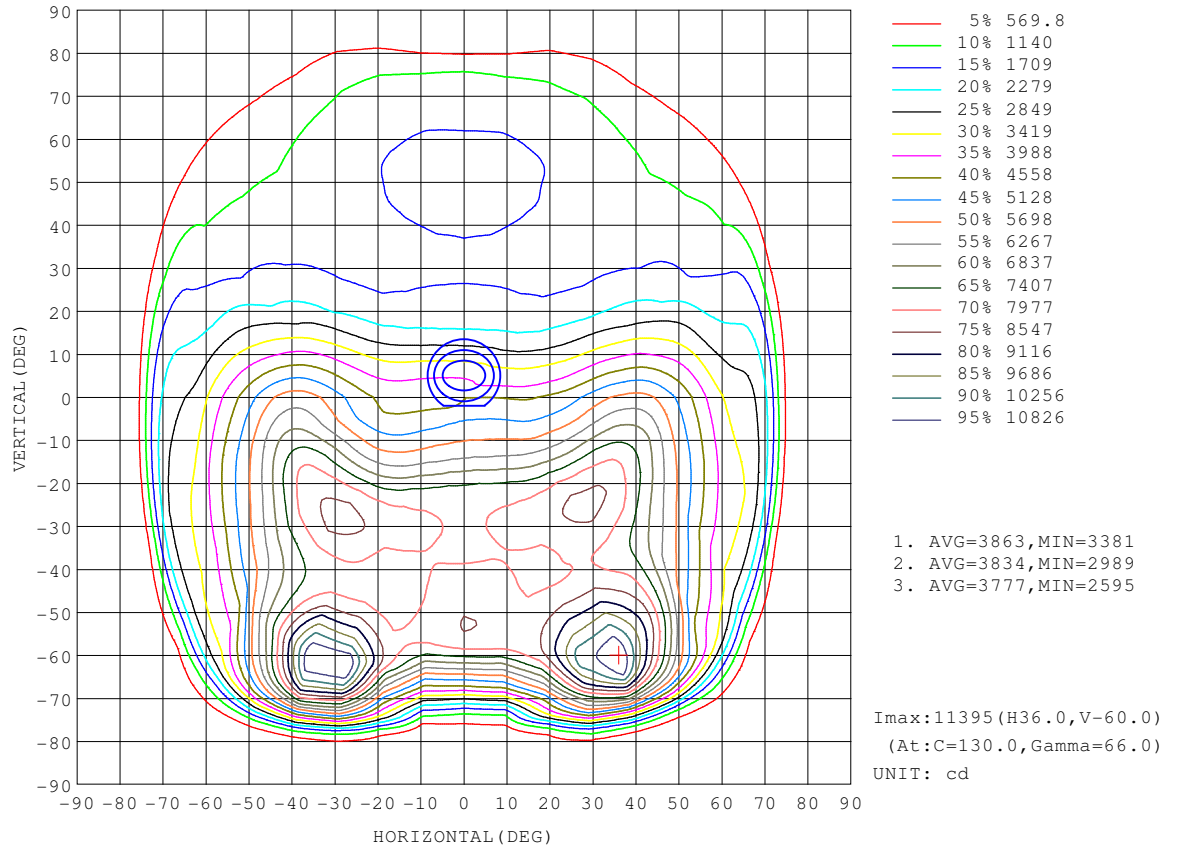
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	444.0	528.0	562.2	524.1	440.0	355.9	312.2	350.9	0- 10	422.8	422.8	2,2
20	457.8	635.6	727.5	614.0	442.0	246.6	189.0	241.8	10- 20	1239	1662	7.88,7.88
30	527.4	804.7	783.7	792.7	526.0	181.7	160.4	184.4	20- 30	2176	3838	18.2,18.2
40	577.9	827.7	796.9	886.0	585.4	154.6	178.7	157.9	30- 40	3202	7040	33.4,33.4
50	491.2	784.9	842.3	786.7	482.5	142.0	211.8	147.0	40- 50	3828	10868	51.5,51.5
60	338.7	926.3	746.6	880.0	330.3	129.0	175.8	133.9	50- 60	4095	14963	70.9,70.9
70	235.9	905.5	288.0	895.2	229.5	97.66	148.7	95.75	60- 70	3963	18926	89.7,89.7
80	13.00	70.73	11.28	141.8	16.32	38.03	52.46	28.92	70- 80	2033	20959	99.4,99.4
90	0.2222	0.2715	0.2528	0.5881	0.3146	0.9727	0.5225	0.9289	80- 90	131.1	21090	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY: μ Á10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:13.07.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: LYS100-170W-T4

ISOCANDELA DIAGRAM

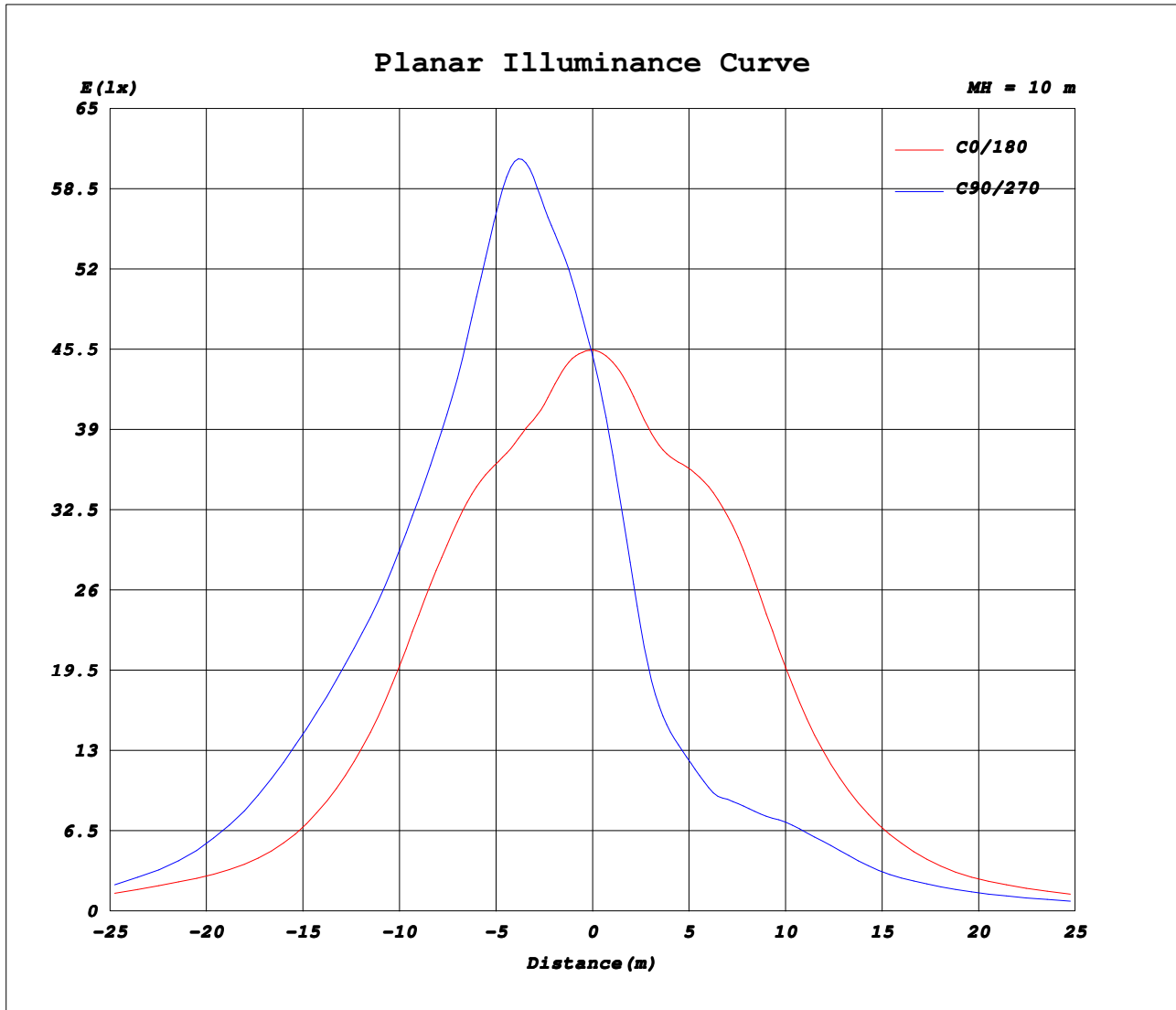
Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

Planar Illuminance Curve



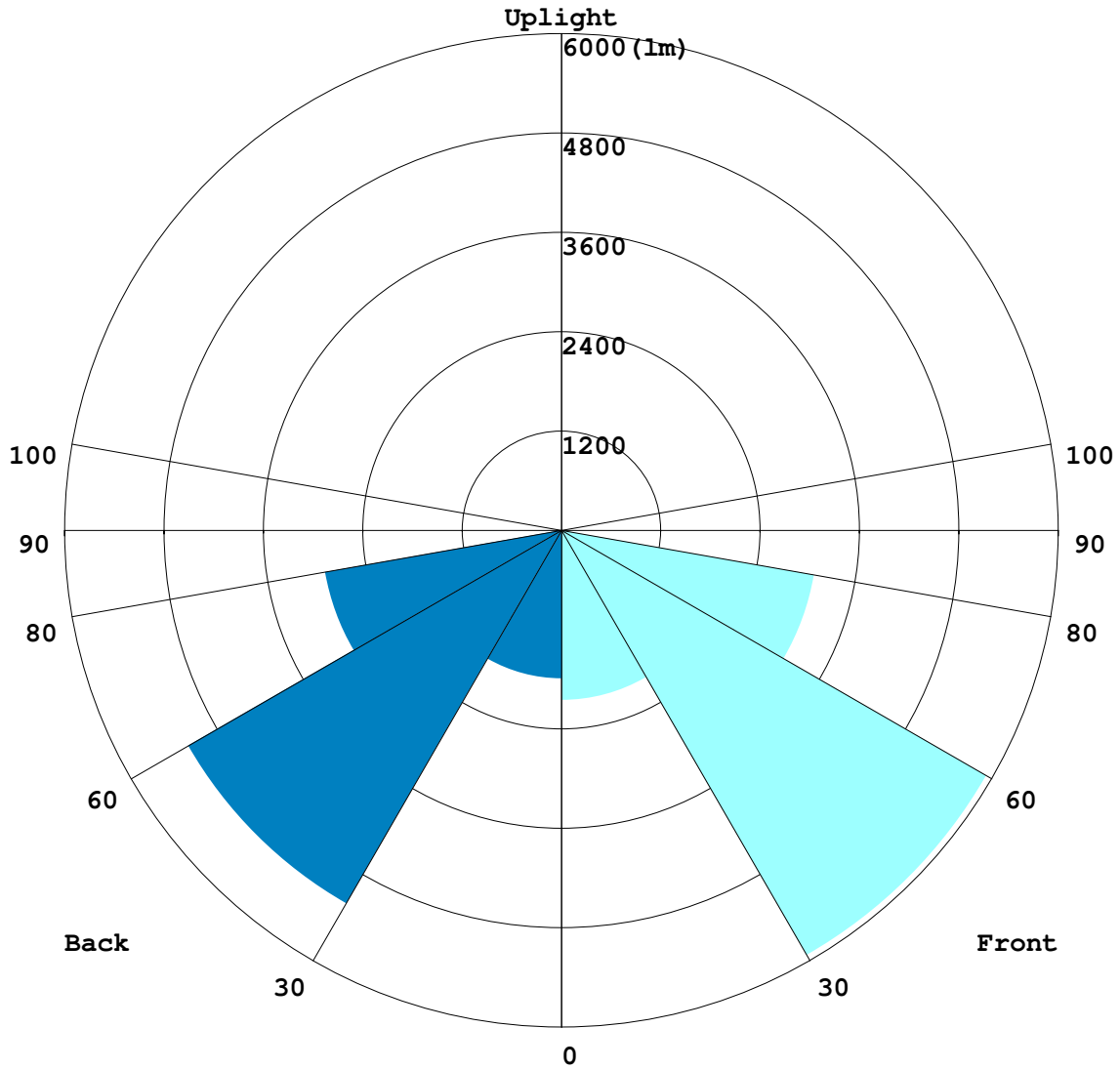
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

LCS REPORT

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

BUG REPORT

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2047.8	9.7
FM - Front-Medium(30-60)	5922.9	28.1
FH - Front-High(60-80)	3097	14.7
FVH - Front-Very High(80-90)	58.623	0.3
Total Forward Light	11126	52.8

BL - Back-Low(0-30)	1790.2	8.5
BM - Back-Medium(30-60)	5202.2	24.7
BH - Back-High(60-80)	2898.5	13.7
BVH - Back-Very High(80-90)	72.514	0.3
Total Back Light	9963.4	47.2

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	9963.4	0	9963.4
Street Side	11126	0	11126

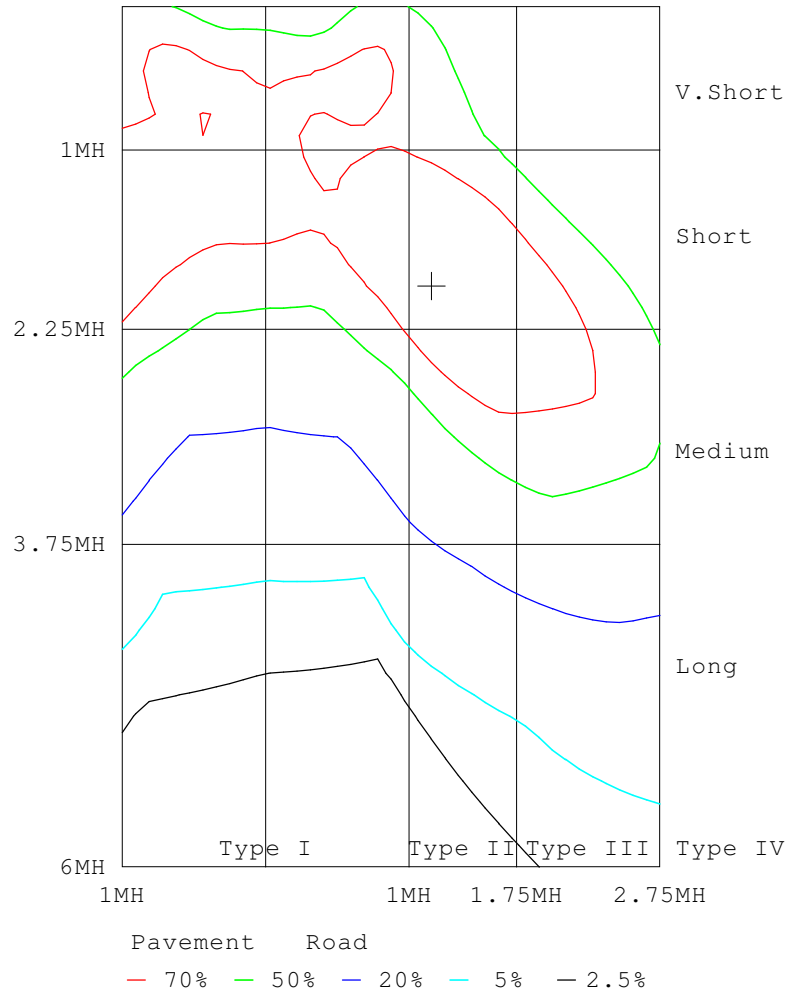
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: LYS100-170W-T4

ROAD ISOCANDELA REPORT

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: LYS100-170W-T4

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: ;Á10cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: LYS100-170W-T4

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.7527A P:168.70W PF:0.9726 Freq:50.01Hz Lamp Flux:21089.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: ;Á10cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: LYS100-170W-T4