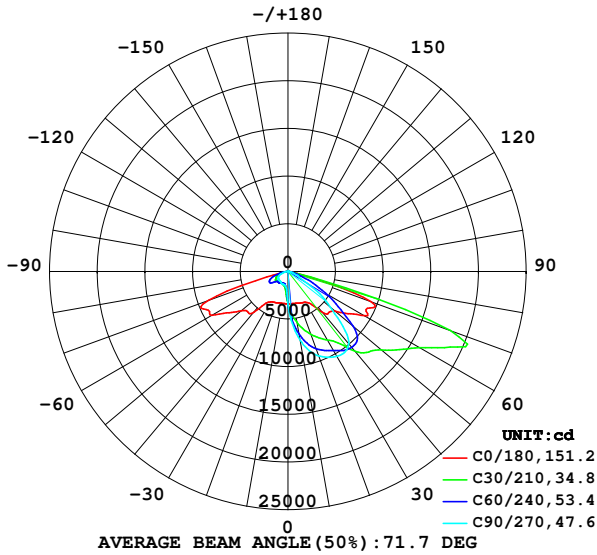
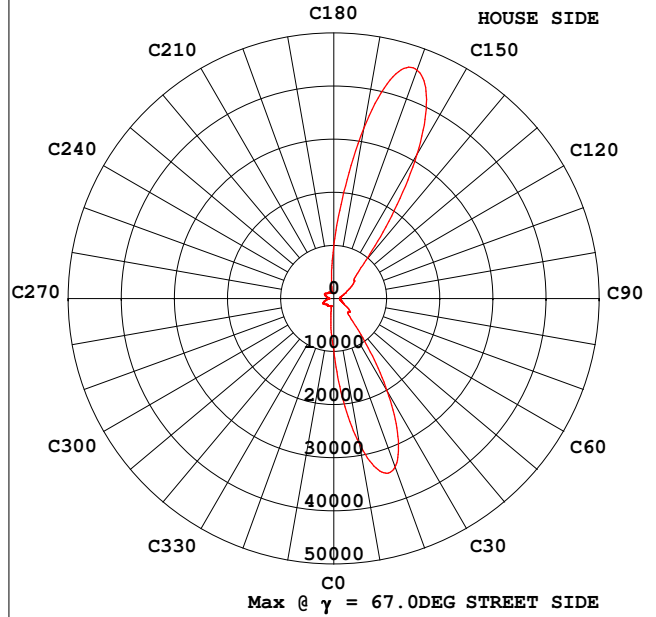


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.95 lm/W			
MODEL	LYS100	I _{max} (cd)	45784	η street_up (%)	0.0
NOMINAL POWER (W)	250	LOR (%)	100.0	η street_down (%)	51.7
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	28398	η house_up (%)	0.0
NOMINAL FLUX (lm)	28398.1	MAXIMUM @ (C, γ)	160,67.0	η house_down (%)	48.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.612

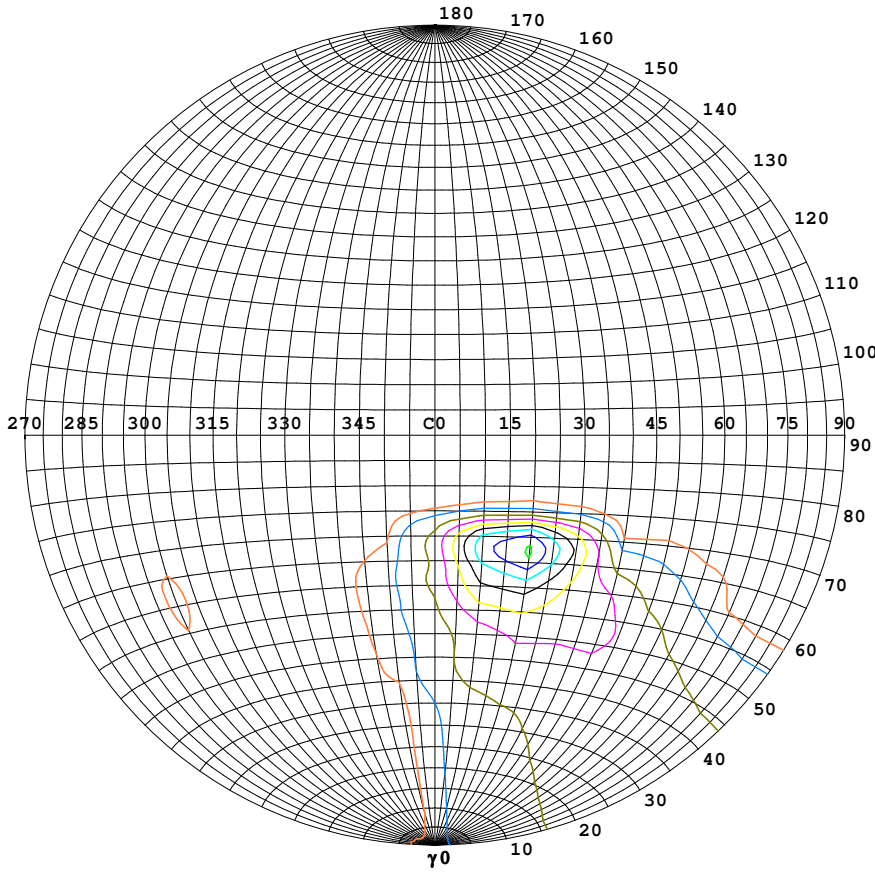
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-250W-T2-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

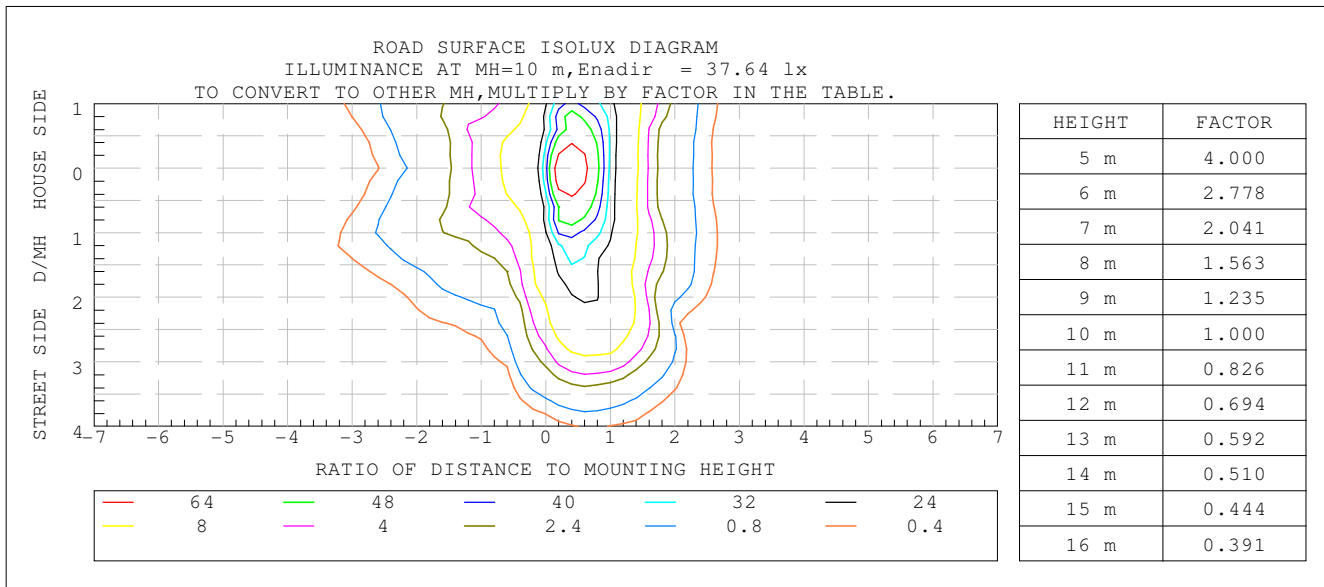
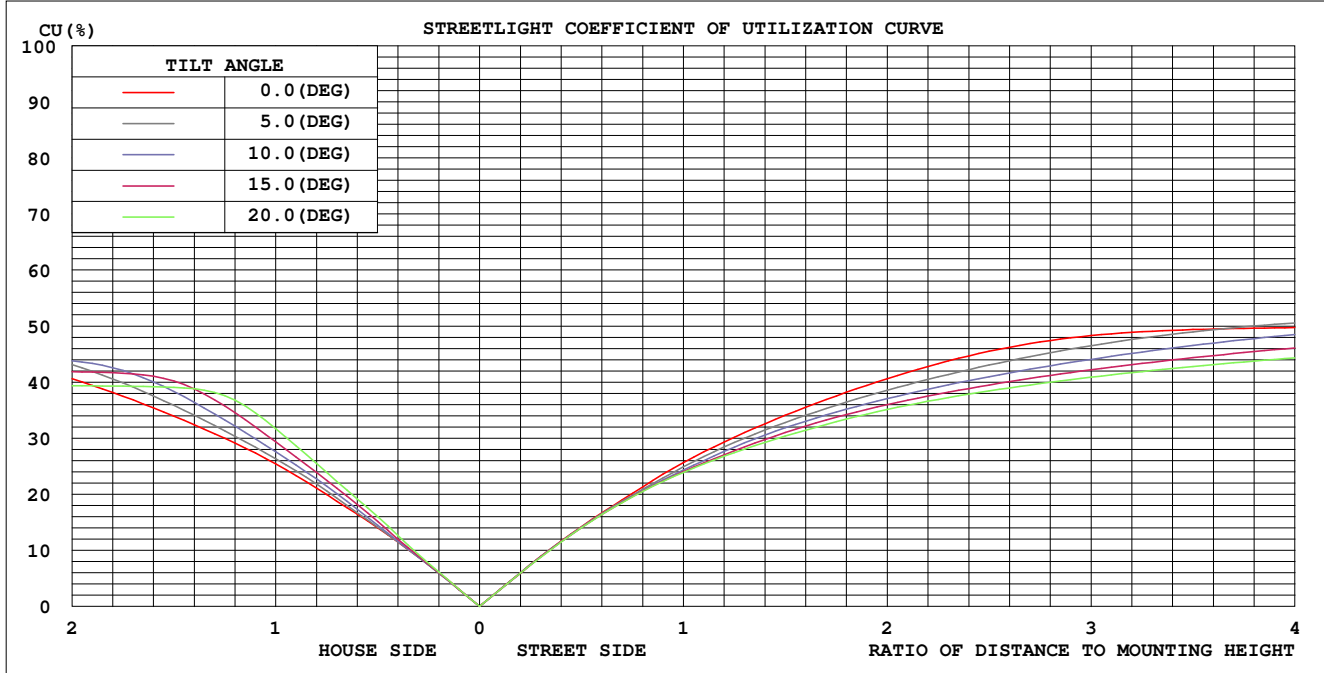
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:31.96cd/klm
 Max.At90:0.6527cd/klm
 Max.80-90:31.96cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	45784
90%	41206
80%	36627
70%	32049
60%	27470
50%	22892
40%	18314
30%	13735
20%	9157
10%	4578
5%	2289

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:12.07.2020

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: LYS100-250W-T2-M

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-250W-T2-M

ZONAL FLUX DIAGRAM

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

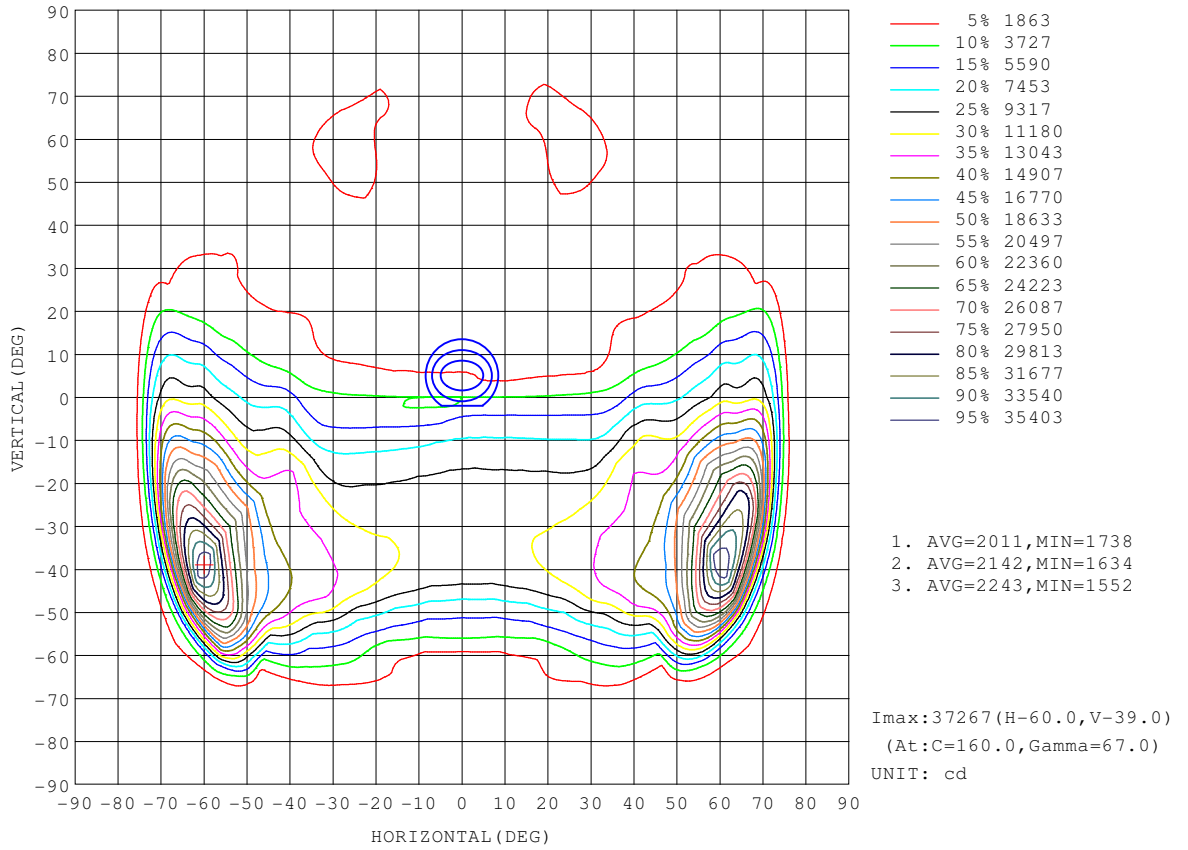
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	342.9	611.4	726.8	687.4	340.9	160.8	160.6	198.9	0- 10	355.0	355.0	1.25,1.25
20	354.0	805.2	944.0	950.7	350.6	137.4	146.2	173.8	10- 20	1266	1621	5.71,5.71
30	375.4	918.0	1029	1123	371.9	135.0	142.6	171.0	20- 30	2351	3972	14,14
40	559.1	1094	992.5	1362	557.2	147.1	132.6	178.6	30- 40	3626	7598	26.8,26.8
50	652.2	1228	580.7	1578	643.7	141.4	134.7	178.2	40- 50	5056	12654	44.6,44.6
60	931.7	979.9	159.7	1367	922.4	163.3	117.2	201.8	50- 60	5993	18647	65.7,65.7
70	925.0	263.8	66.29	393.3	888.5	138.9	76.63	155.7	60- 70	7046	25693	90.5,90.5
80	29.27	33.48	9.641	42.15	24.19	37.09	23.96	41.71	70- 80	2573	28266	99.5,99.5
90	0.7161	0.2666	0.5688	0.5321	0.7550	0.6287	0.3061	1.520	80- 90	132.6	28398	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:12.07.2020

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: LYS100-250W-T2-M

ISOCANDELA DIAGRAM

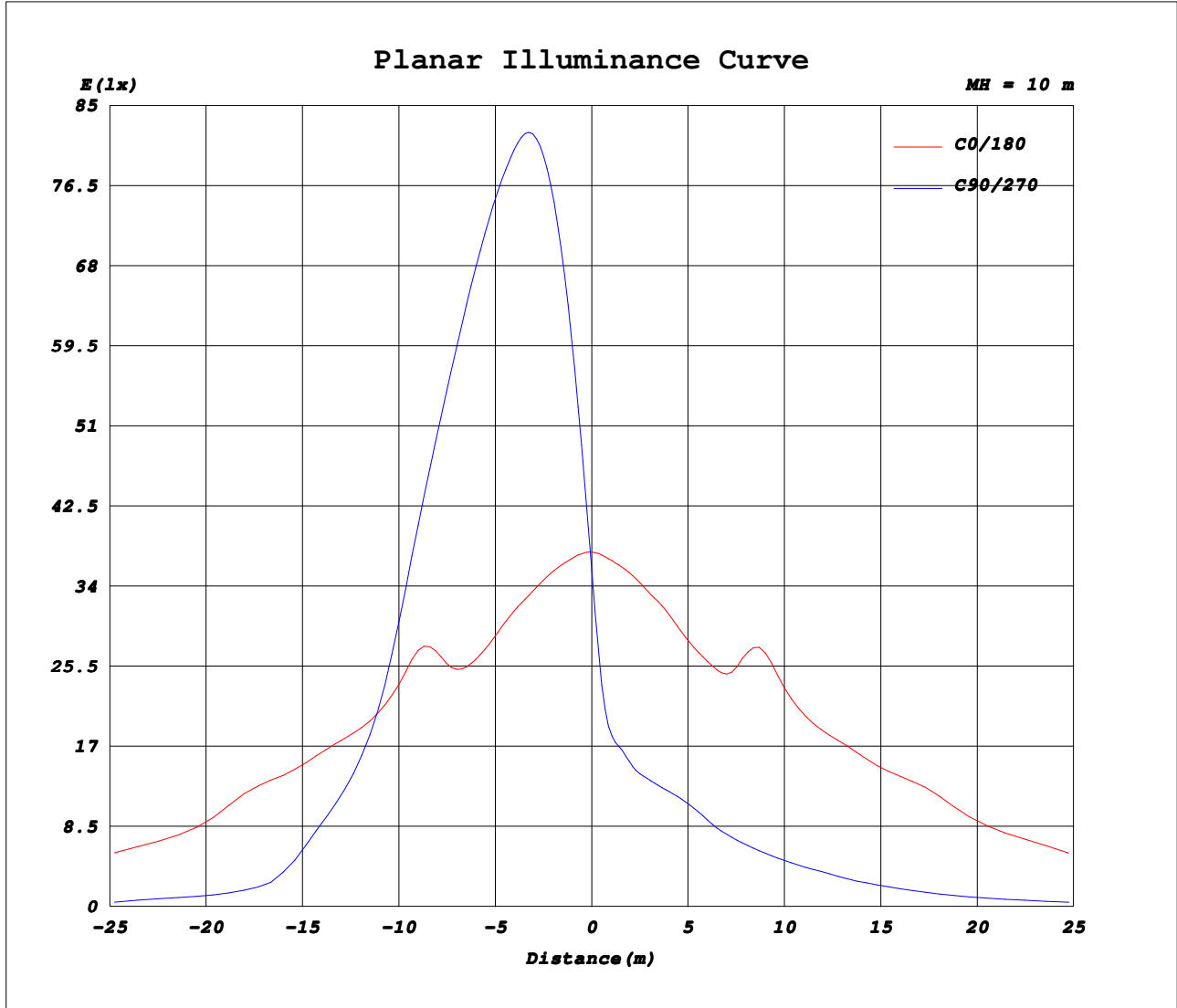
Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-250W-T2-M

Planar Illuminance Curve



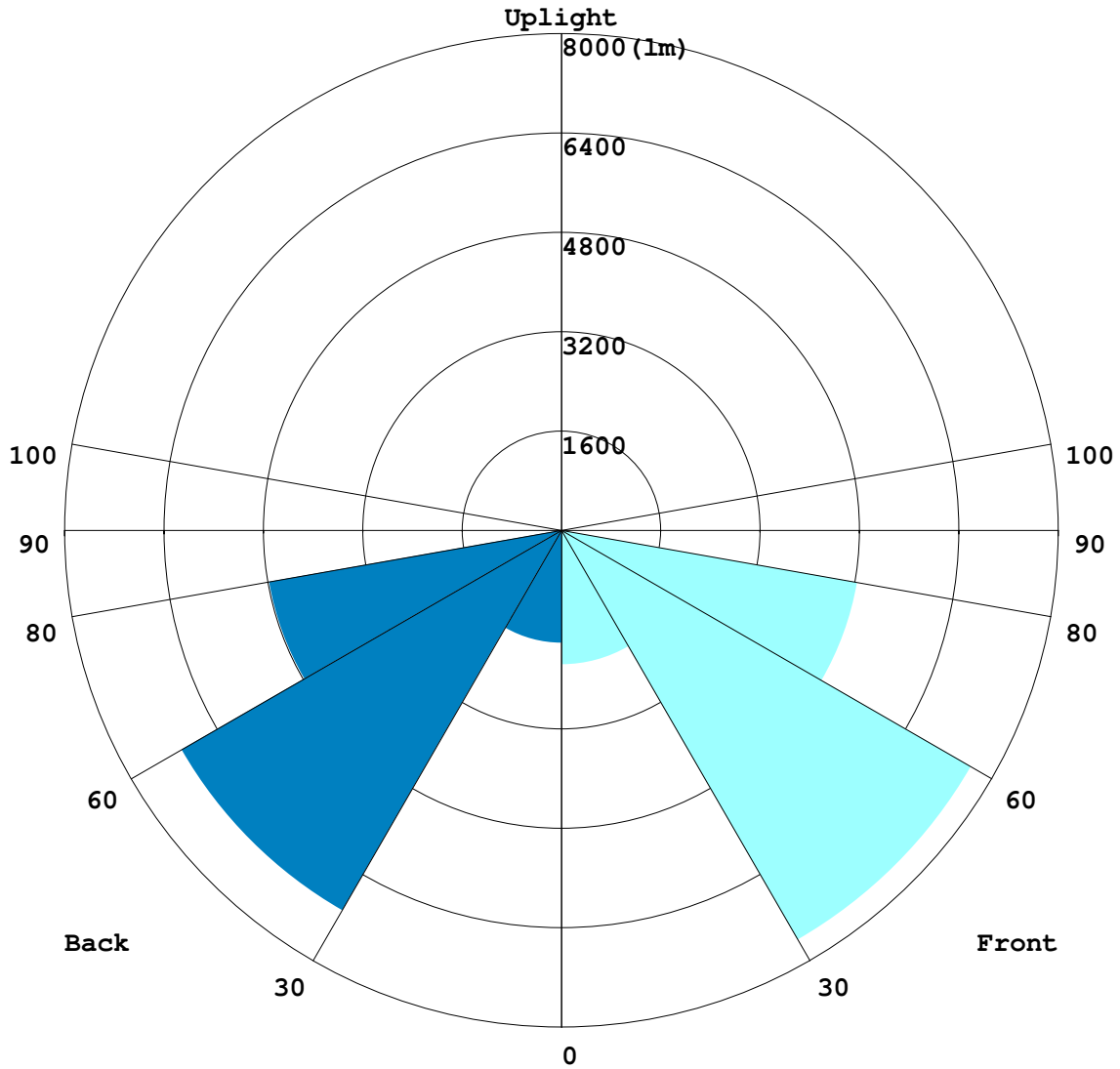
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-250W-T2-M

LCS REPORT

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	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: 12.07.2020

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: LYS100-250W-T2-M

BUG REPORT

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2160.3	7.6
FM - Front-Medium(30-60)	7610.3	26.8
FH - Front-High(60-80)	4836.1	17.0
FVH - Front-Very High(80-90)	70.031	0.2
Total Forward Light	14677	51.7

BL - Back-Low(0-30)	1811.5	6.4
BM - Back-Medium(30-60)	7065.1	24.9
BH - Back-High(60-80)	4782.3	16.8
BVH - Back-Very High(80-90)	62.522	0.2
Total Back Light	13721	48.3

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	13721	0	13721
Street Side	14677	0	14677

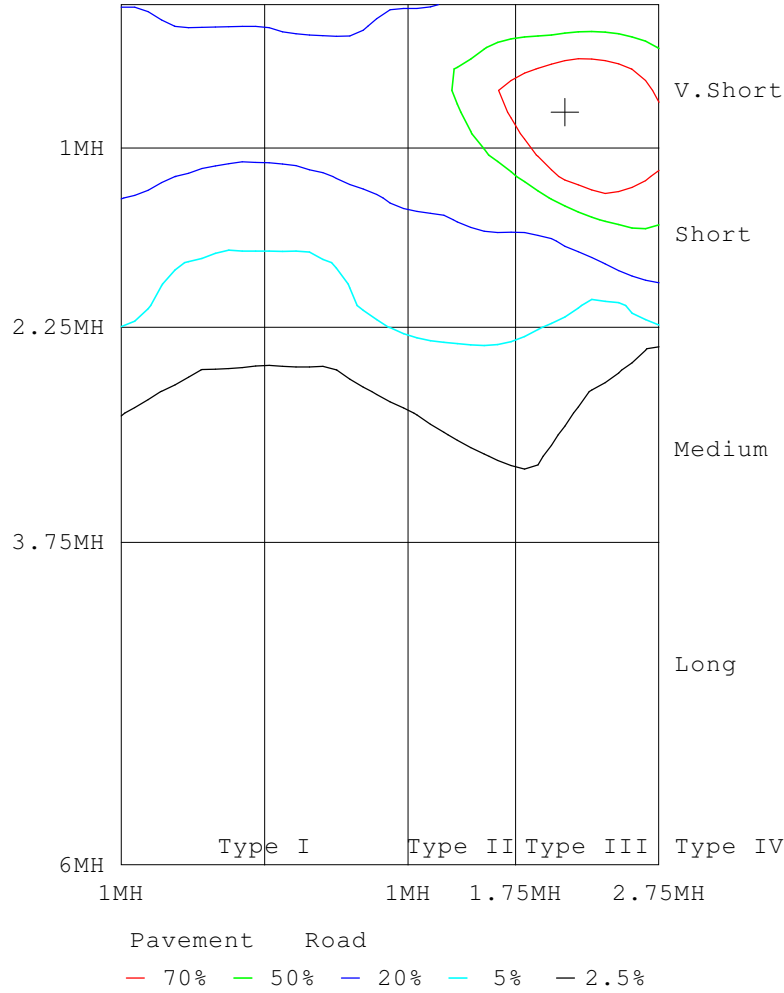
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:12.07.2020

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: LYS100-250W-T2-M

ROAD ISOCANDELA REPORT

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	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: 12.07.2020

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: LYS100-250W-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	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: 12.07.2020

```

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: LYS100-250W-T2-M

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.47V I:1.0703A P:242.82W PF:0.9844 Freq:50.01Hz Lamp Flux:28398.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	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: 12.07.2020

```

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: LYS100-250W-T2-M

```