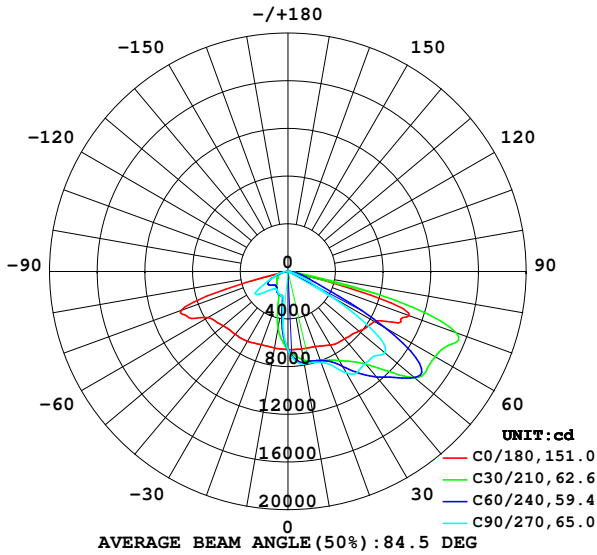
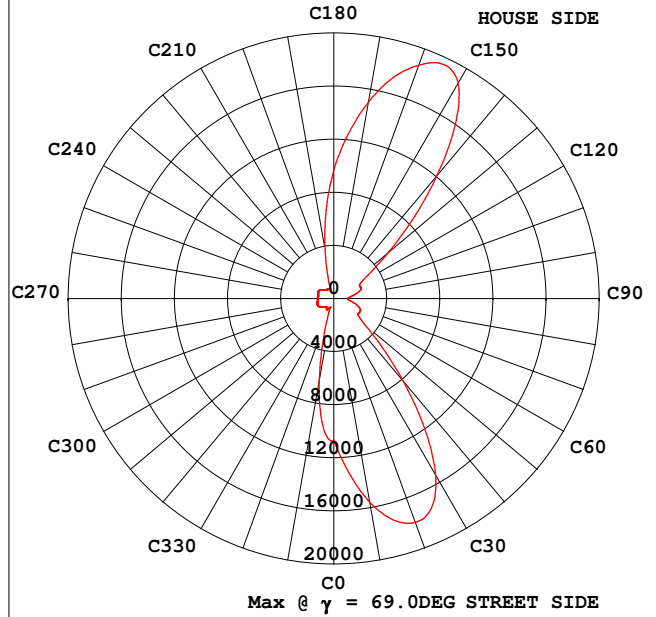


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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: 118.90 lm/W			
MODEL	LYS100	I _{max} (cd)	18750	η street_up (%)	0.0
NOMINAL POWER (W)	250	LOR (%)	100.0	η street_down (%)	52.7
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	29010	η house_up (%)	0.0
NOMINAL FLUX (lm)	29009.7	MAXIMUM @ (C, γ)	150,69.0	η house_down (%)	47.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.688

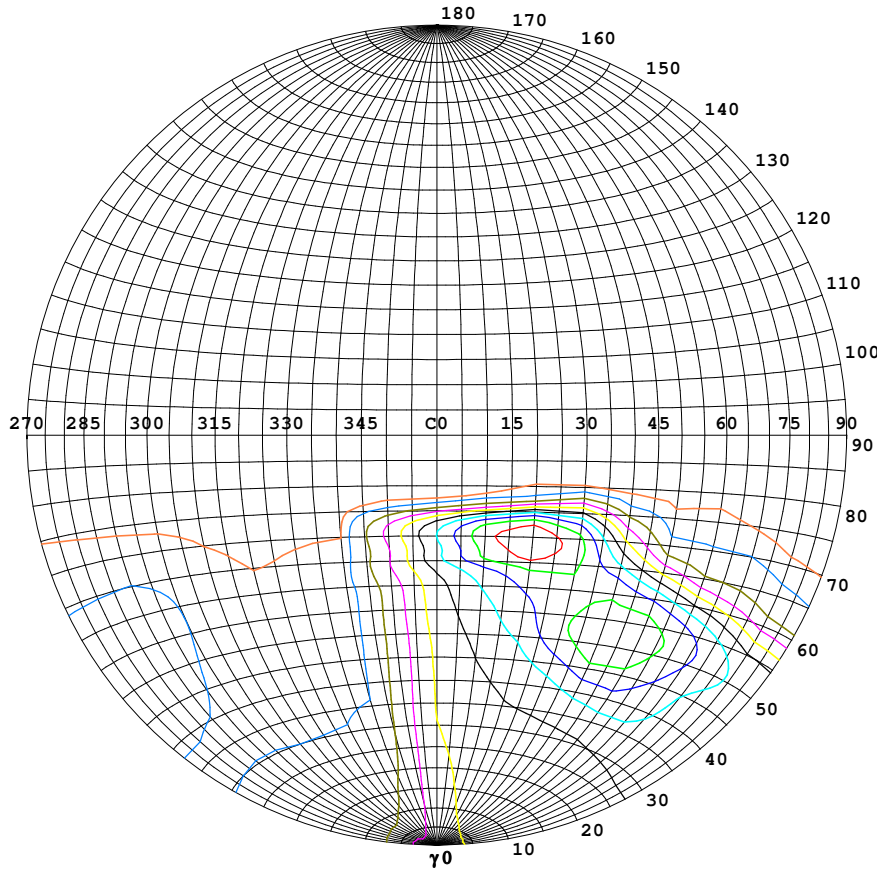
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10.07.2020

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-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

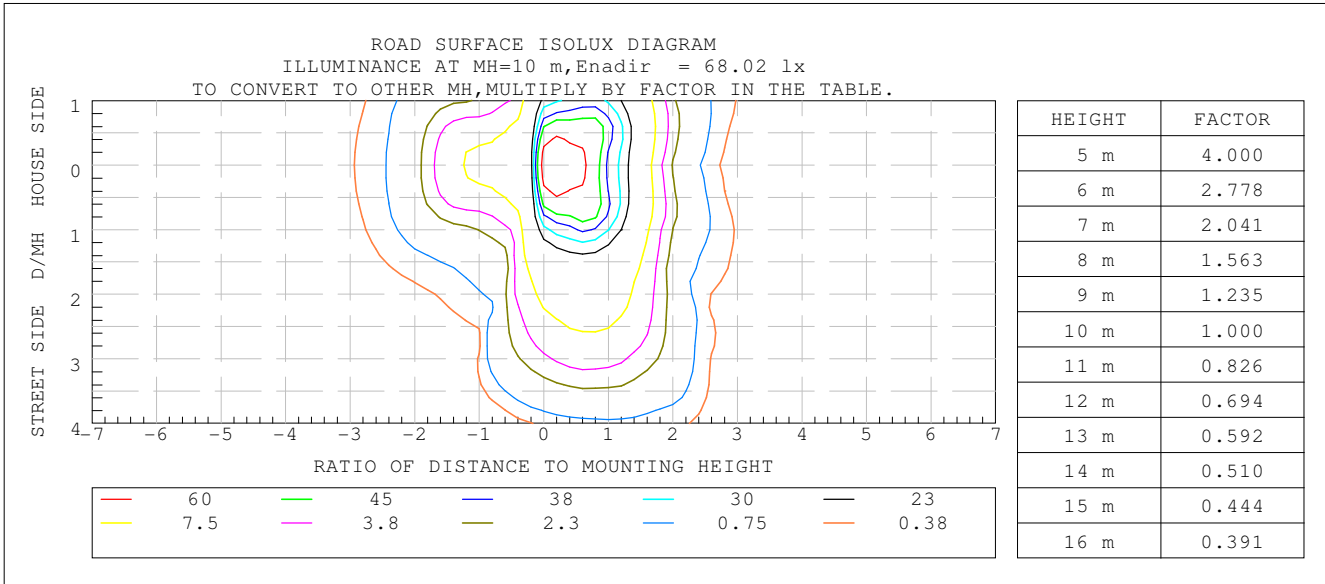
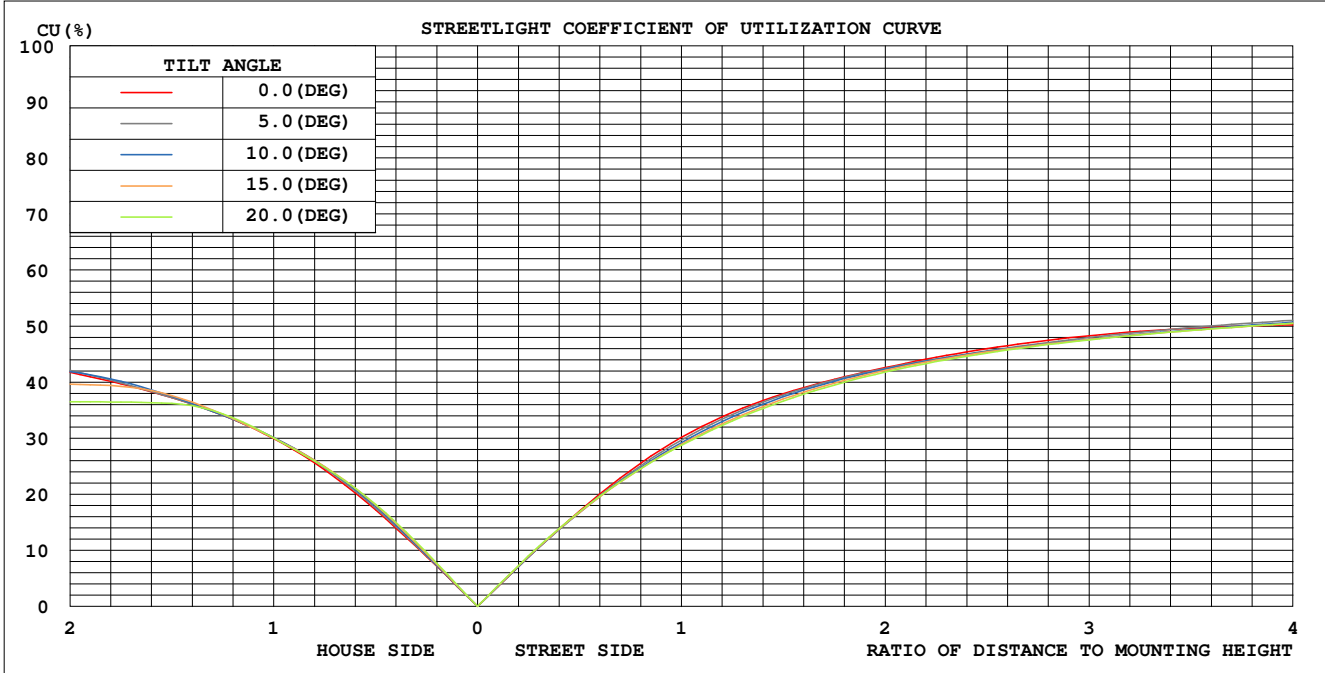
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:39.17cd/klm
 Max.At90:0.5128cd/klm
 Max.80-90:39.17cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	18750
90%	16875
80%	15000
70%	13125
60%	11250
50%	9375
40%	7500
30%	5625
20%	3750
10%	1875
5%	937

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:10.07.2020

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-T3-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: 10.07.2020

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-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

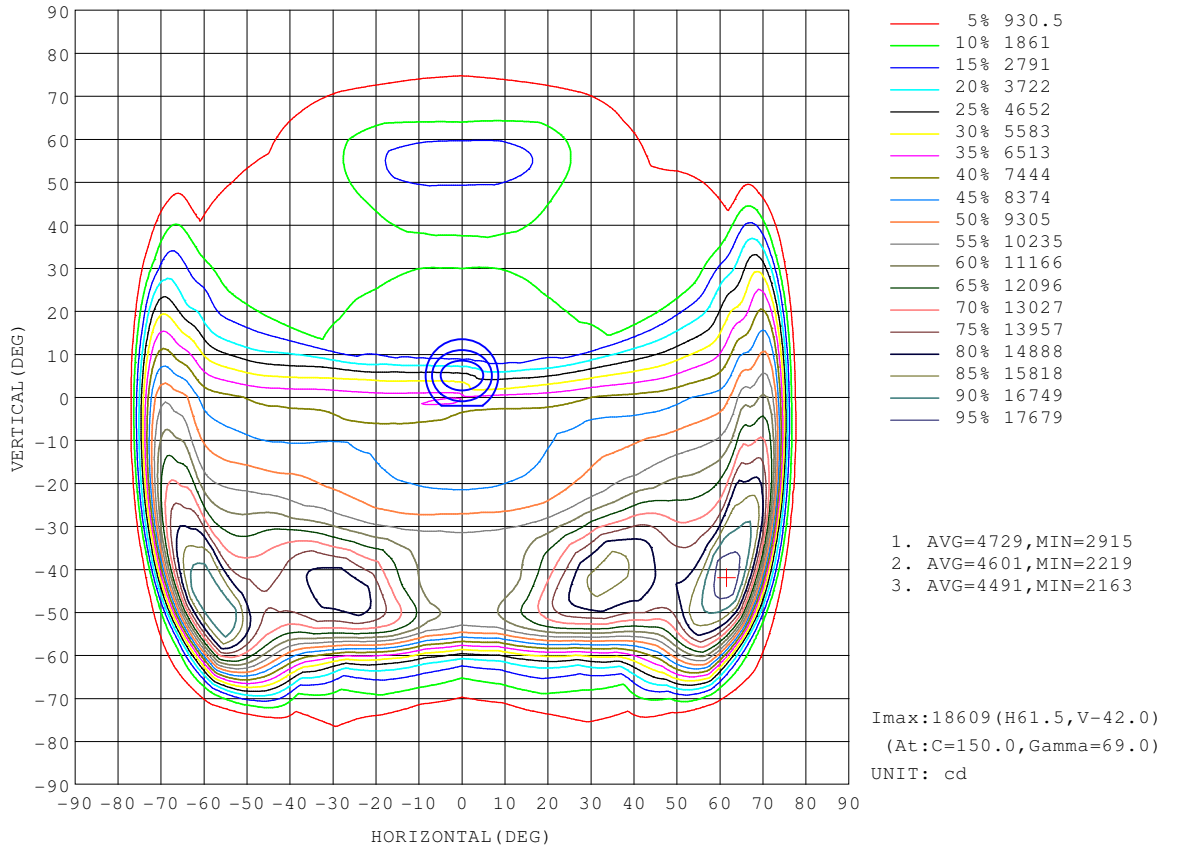
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	661.1	772.0	789.1	814.7	653.0	373.1	233.5	326.6	0- 10	588.1	588.1	2.03,2.03
20	672.2	792.6	814.5	859.7	654.7	210.1	204.7	225.7	10- 20	1570	2158	7.44,7.44
30	714.1	880.7	983.8	937.7	678.5	191.4	183.1	198.6	20- 30	2597	4755	16.4,16.4
40	740.0	1169	1010	1175	689.1	143.8	193.5	150.1	30- 40	3821	8576	29.6,29.6
50	780.1	1551	1062	1579	710.9	128.8	286.2	133.6	40- 50	5339	13915	48,48
60	842.4	1332	421.4	1463	775.5	118.7	265.0	120.4	50- 60	6495	20410	70.4,70.4
70	1085	500.9	87.50	787.9	953.5	89.33	117.7	90.35	60- 70	5641	26051	89.8,89.8
80	31.88	70.98	9.173	67.53	25.33	37.69	49.35	36.28	70- 80	2806	28857	99.5,99.5
90	0.6862	0.2654	0.4753	0.5215	0.7707	0.6827	0.3672	1.319	80- 90	152.8	29010	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:10.07.2020

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-T3-M

ISOCANDELA DIAGRAM

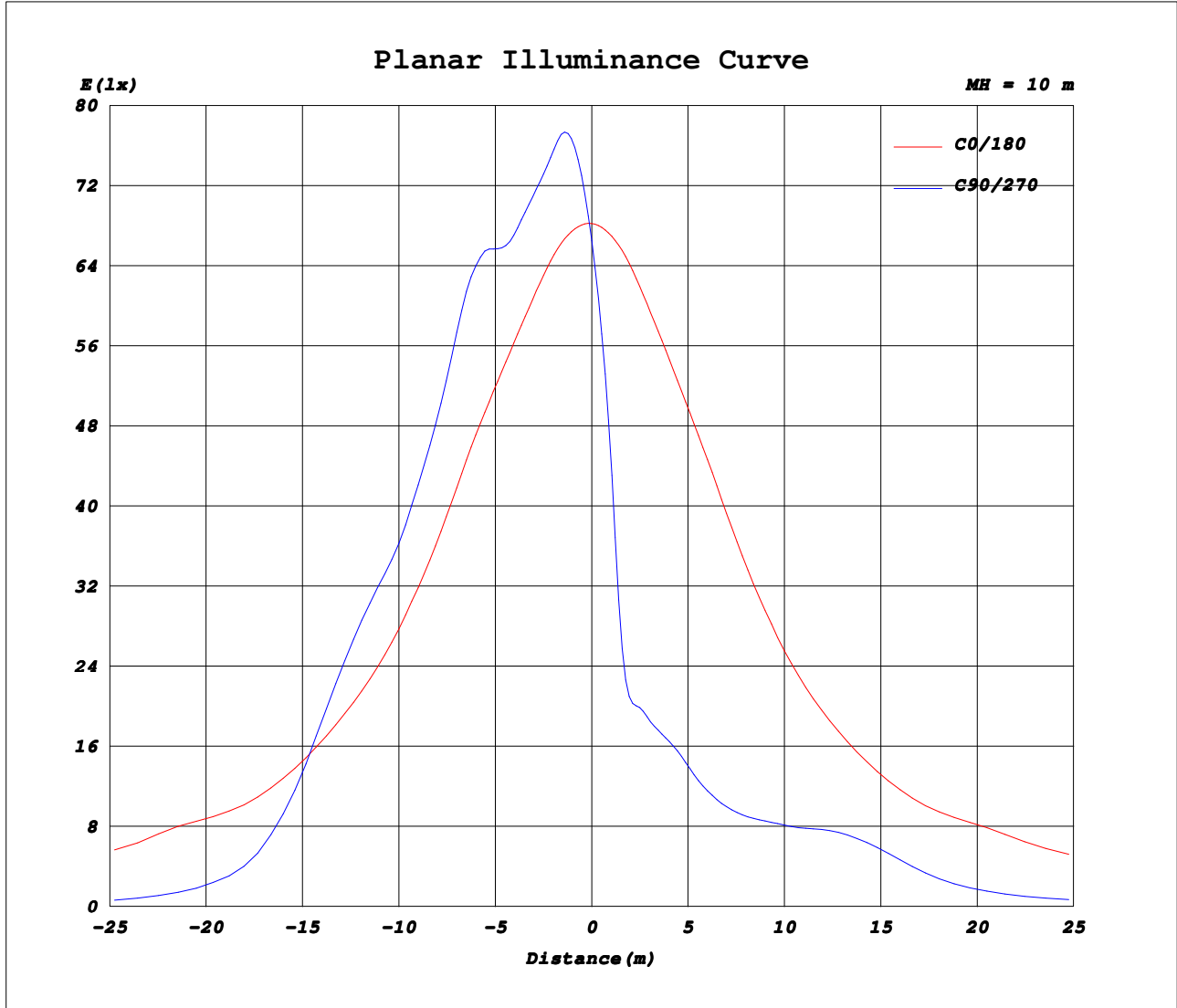
Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10.07.2020

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-T3-M

Planar Illuminance Curve



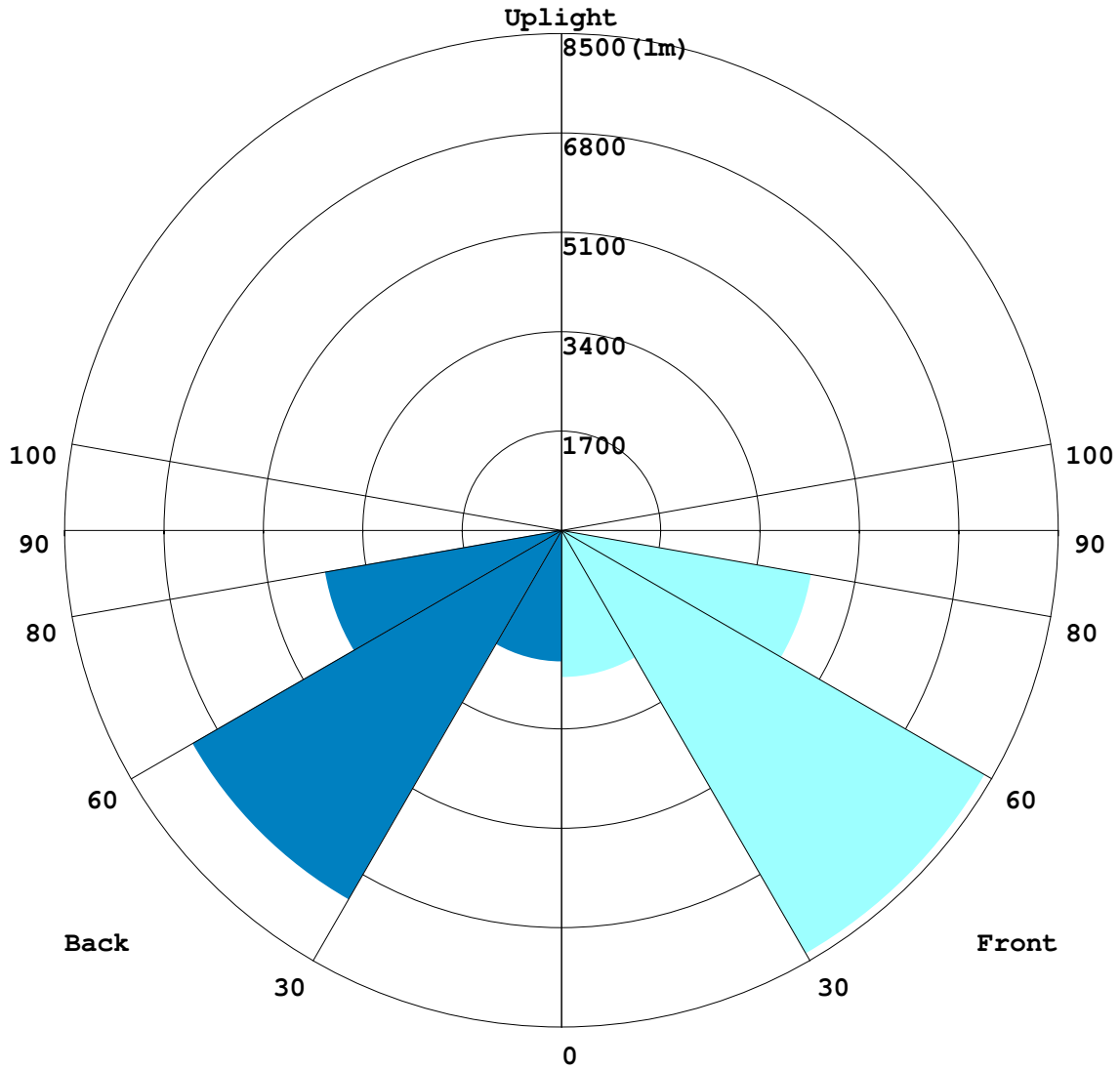
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10.07.2020

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-T3-M

LCS REPORT

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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: 10.07.2020

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-T3-M

BUG REPORT

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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)	2510.2	8.7
FM - Front-Medium(30-60)	8361.7	28.8
FH - Front-High(60-80)	4340.2	15.0
FVH - Front-Very High(80-90)	81.386	0.3
Total Forward Light	15293	52.7

BL - Back-Low(0-30)	2245	7.7
BM - Back-Medium(30-60)	7293.1	25.1
BH - Back-High(60-80)	4106.8	14.2
BVH - Back-Very High(80-90)	71.454	0.2
Total Back Light	13716	47.3

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	13716	0	13716
Street Side	15293	0	15293

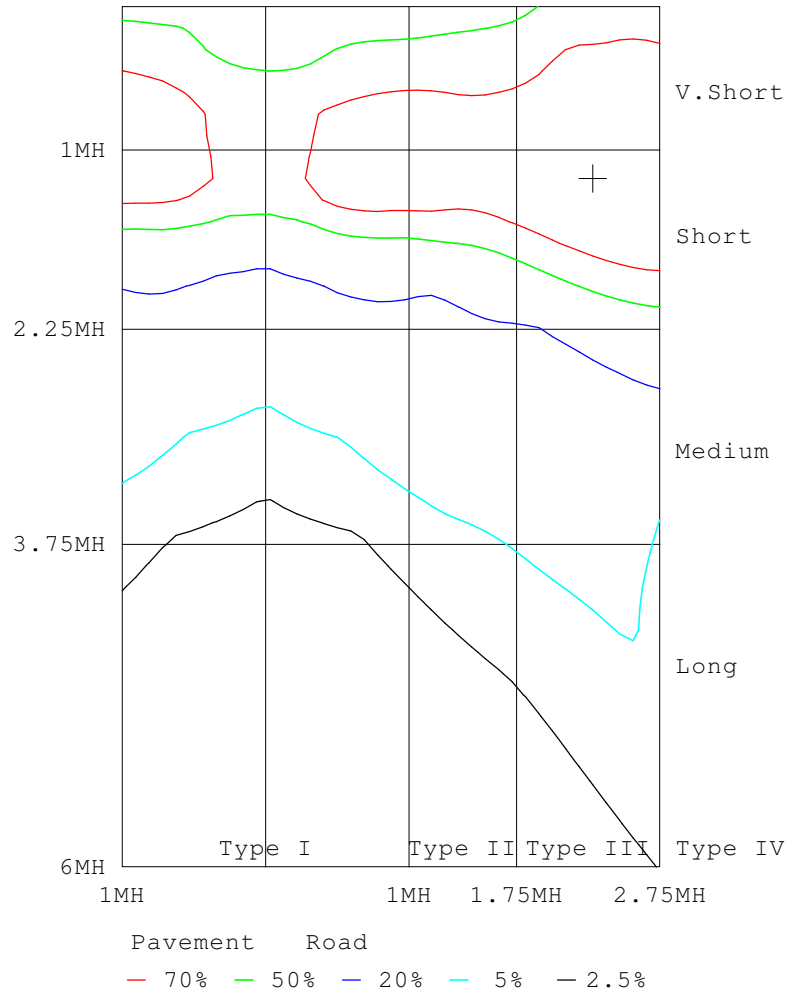
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 10.07.2020

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-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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: 10.07.2020

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-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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: 10.07.2020

```

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-T3-M

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.39V I:1.0758A P:243.98W PF:0.9844 Freq:50.01Hz Lamp Flux:29009.7x1 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: 10.07.2020

```

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-T3-M

```