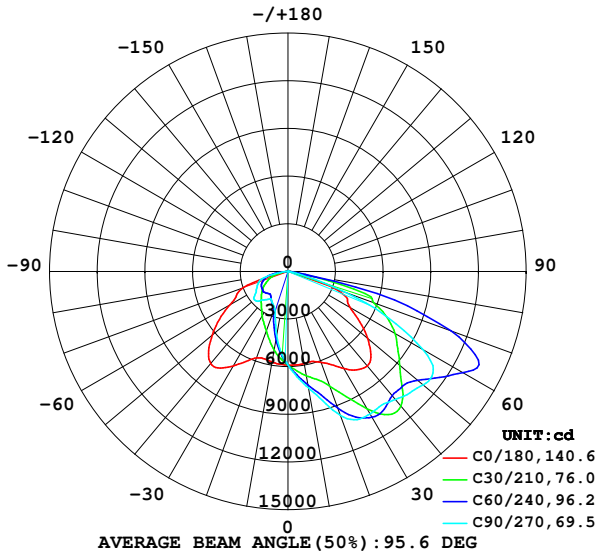
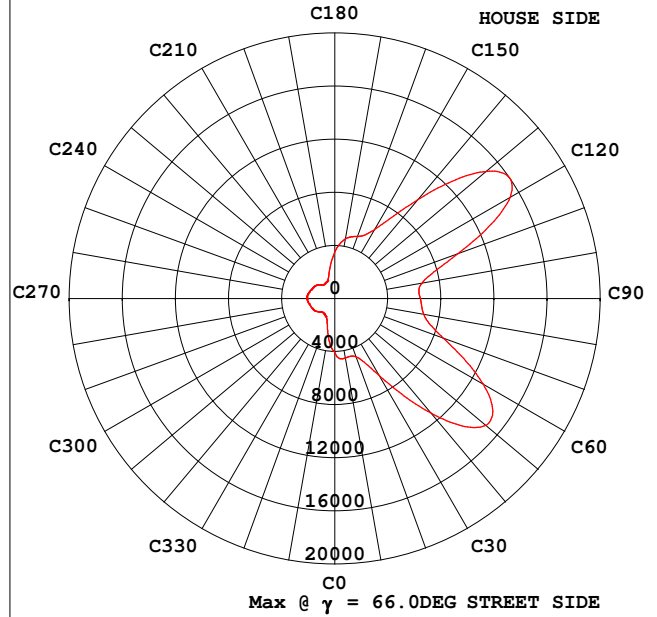


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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: 115.24 lm/W			
MODEL	LYS100	I _{max} (cd)	15253	η street_up (%)	0.0
NOMINAL POWER (W)	250	LOR (%)	100.0	η street_down (%)	52.9
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	27773	η house_up (%)	0.0
NOMINAL FLUX (lm)	27773.4	MAXIMUM @ (C, γ)	120,66.0	η house_down (%)	47.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.795

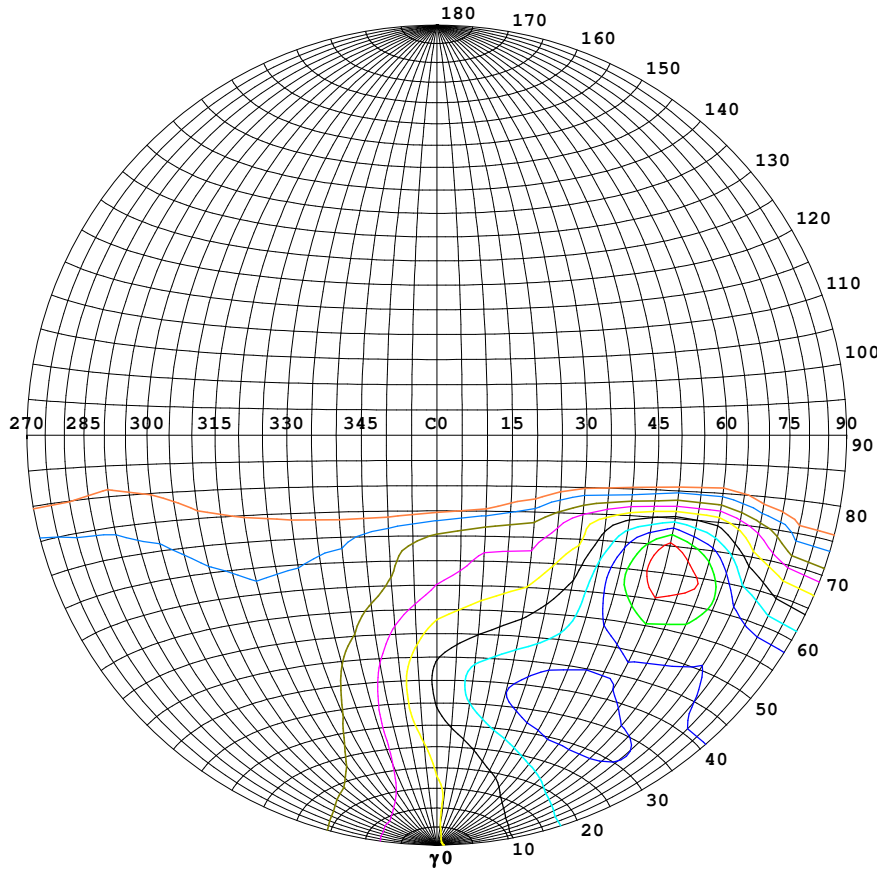
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-250W-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

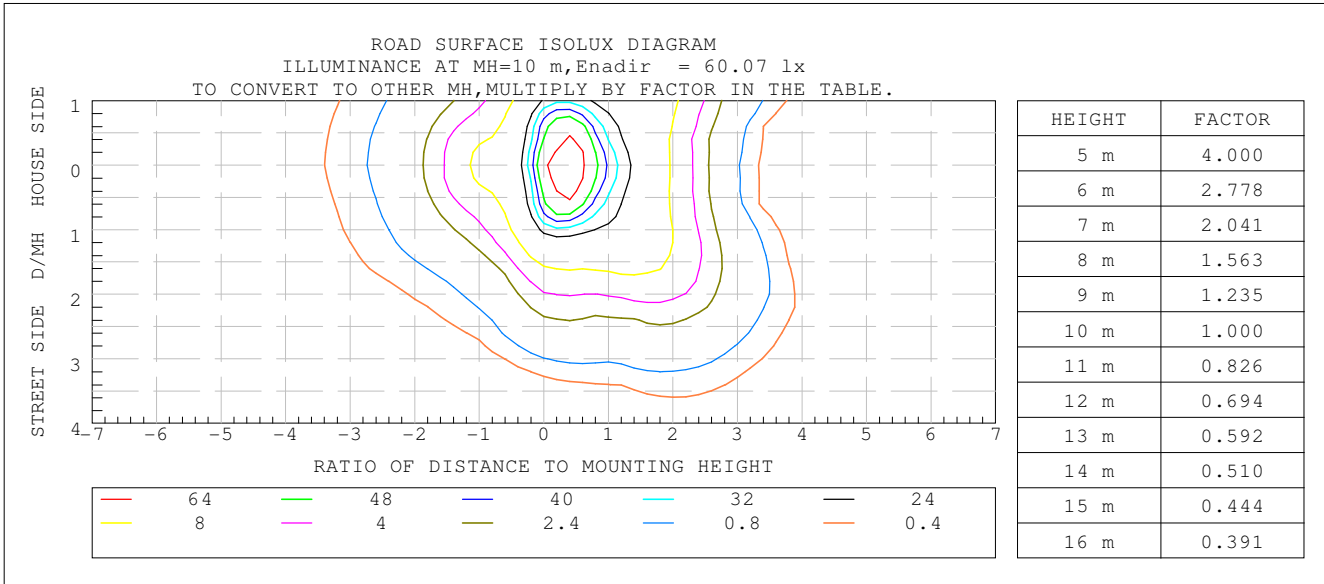
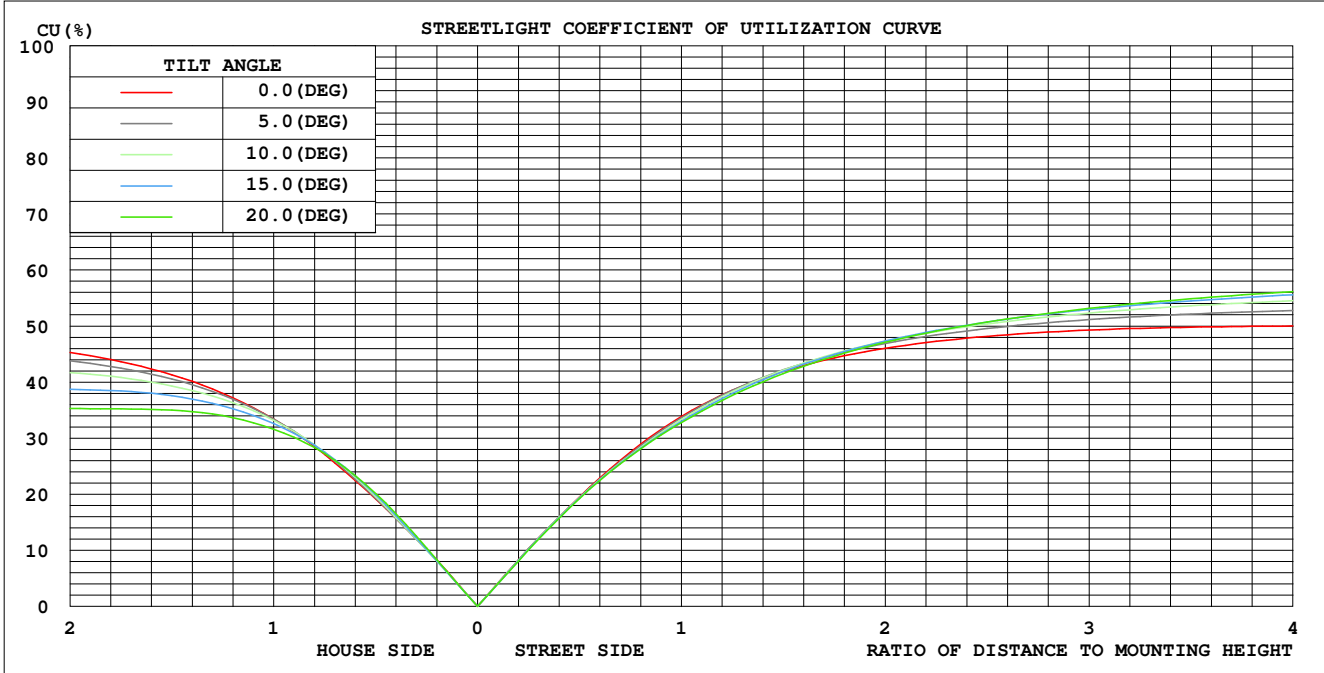
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:69.69cd/klm
 Max.At90:0.4907cd/klm
 Max.80-90:69.69cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15253
90%	13727
80%	12202
70%	10677
60%	9152
50%	7626
40%	6101
30%	4576
20%	3051
10%	1525
5%	763

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: LYS100-250W-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: LYS100-250W-T4

ZONAL FLUX DIAGRAM

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

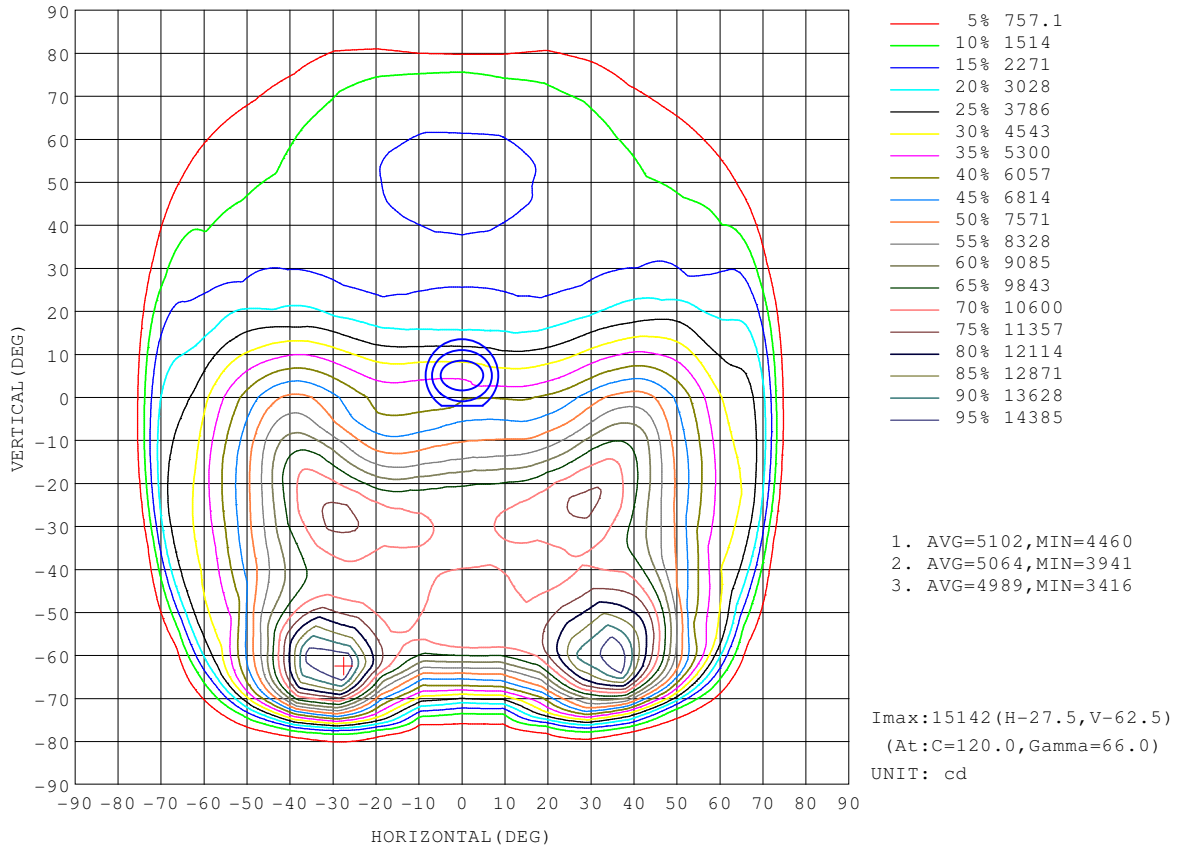
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	588.8	700.0	744.0	691.8	579.8	468.2	411.8	464.8	0- 10	558.9	558.9	2.01,2.01
20	609.6	845.3	962.7	808.7	579.9	321.4	248.2	321.4	10- 20	1638	2197	7.91,7.91
30	706.4	1065	1035	1045	686.7	236.2	210.5	245.1	20- 30	2875	5072	18.3,18.3
40	777.0	1089	1052	1173	757.3	200.3	234.4	209.4	30- 40	4226	9299	33.5,33.5
50	655.3	1042	1112	1038	622.4	185.2	277.8	193.5	40- 50	5047	14345	51.7,51.7
60	451.7	1237	978.1	1143	424.2	169.6	230.9	174.7	50- 60	5396	19742	71.1,71.1
70	314.1	1204	376.4	1143	298.2	129.4	194.6	124.1	60- 70	5207	24949	89.8,89.8
80	16.92	97.27	14.96	182.2	21.56	51.26	69.02	36.86	70- 80	2652	27601	99.4,99.4
90	0.2940	0.3633	0.3398	0.7750	0.4459	1.330	0.6940	1.214	80- 90	172.3	27773	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: LYS100-250W-T4

ISOCANDELA DIAGRAM

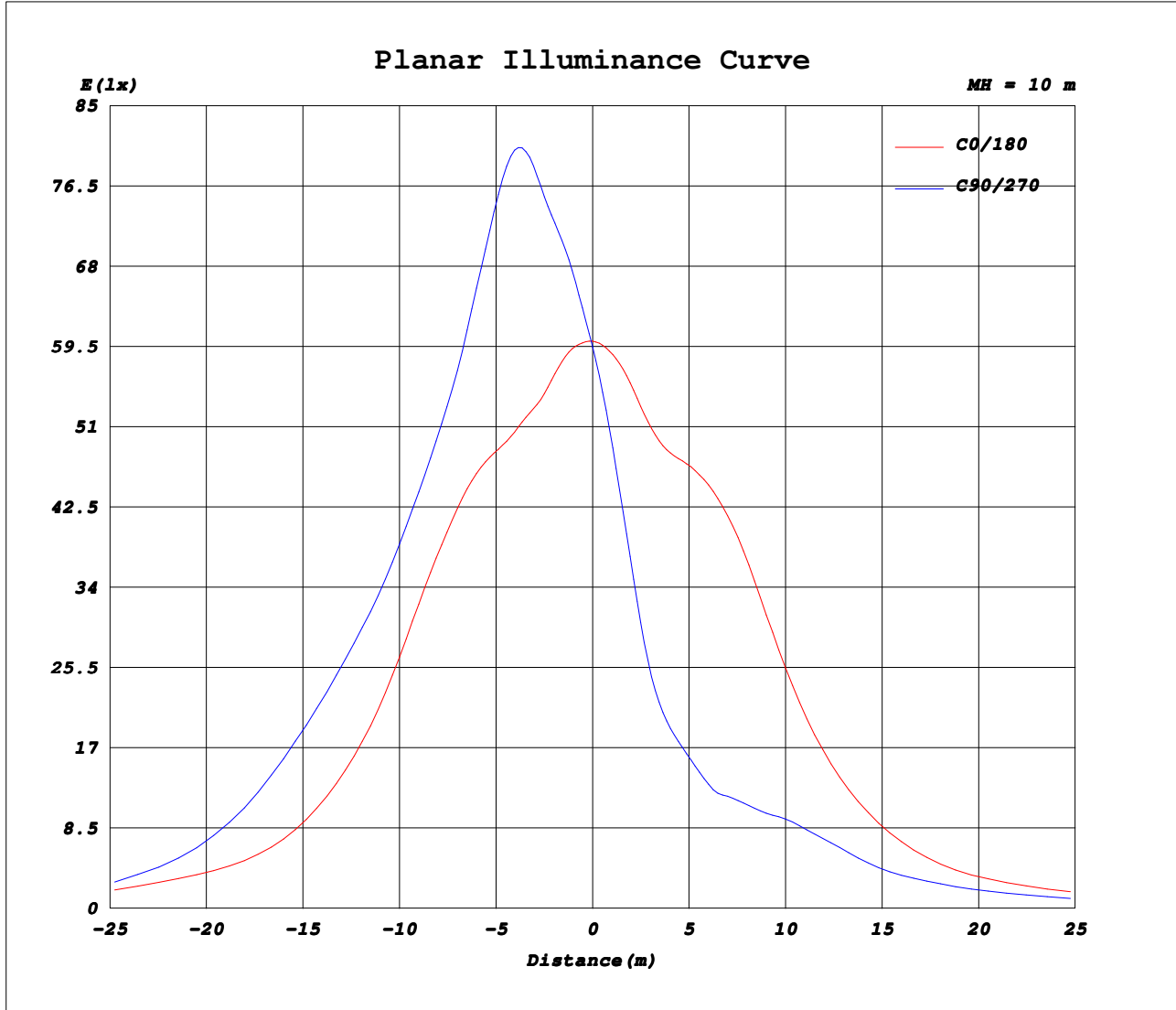
Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date: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: LYS100-250W-T4

Planar Illuminance Curve



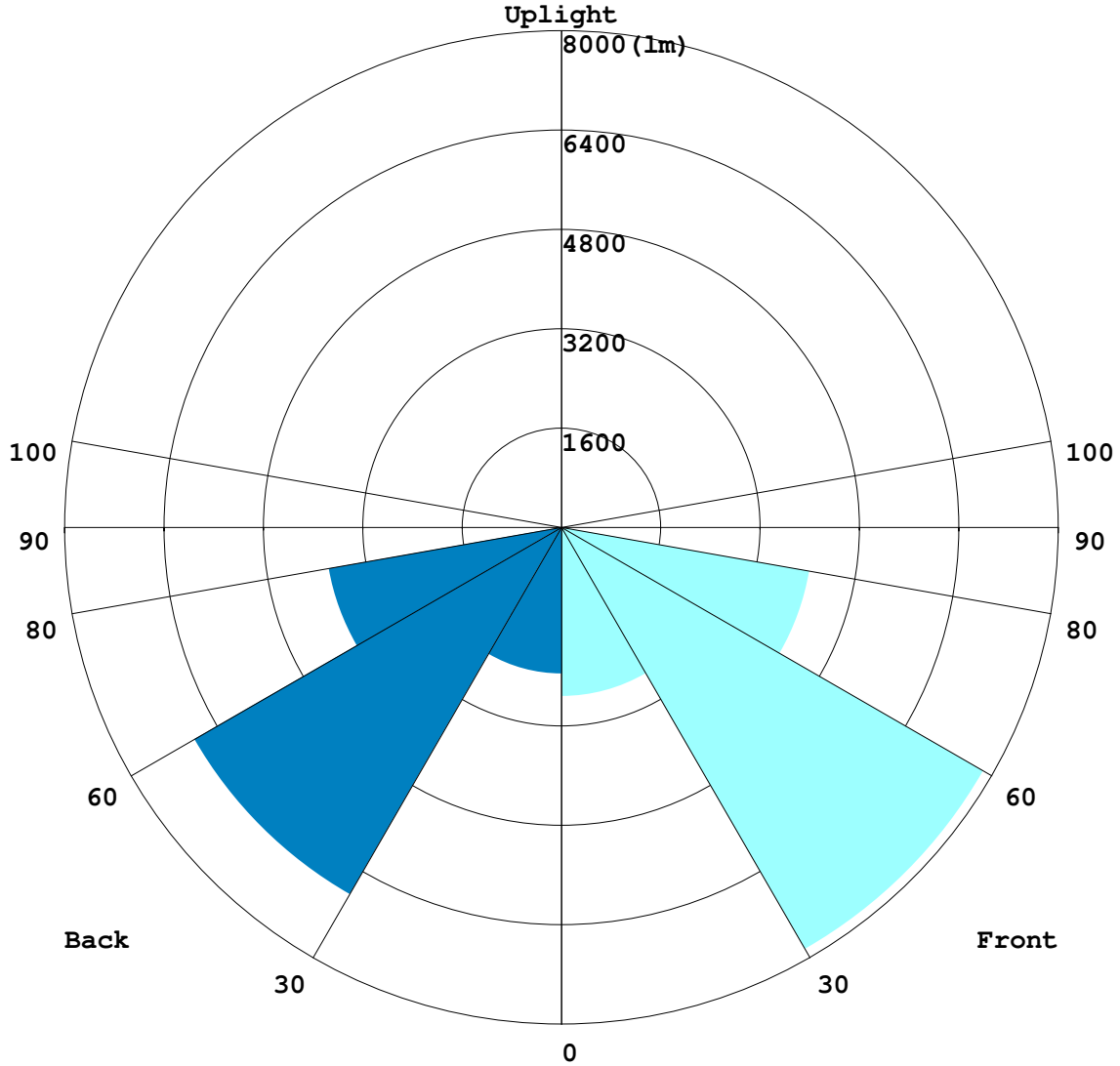
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-250W-T4

LCS REPORT

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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: 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: LYS100-250W-T4

BUG REPORT

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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)	2718	9.8
FM - Front-Medium(30-60)	7845.7	28.2
FH - Front-High(60-80)	4057.1	14.6
FVH - Front-Very High(80-90)	75.379	0.3
Total Forward Light	14696	52.9

BL - Back-Low(0-30)	2354.2	8.5
BM - Back-Medium(30-60)	6823.9	24.6
BH - Back-High(60-80)	3802.2	13.7
BVH - Back-Very High(80-90)	96.927	0.3
Total Back Light	13077	47.1

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	13077	0	13077
Street Side	14696	0	14696

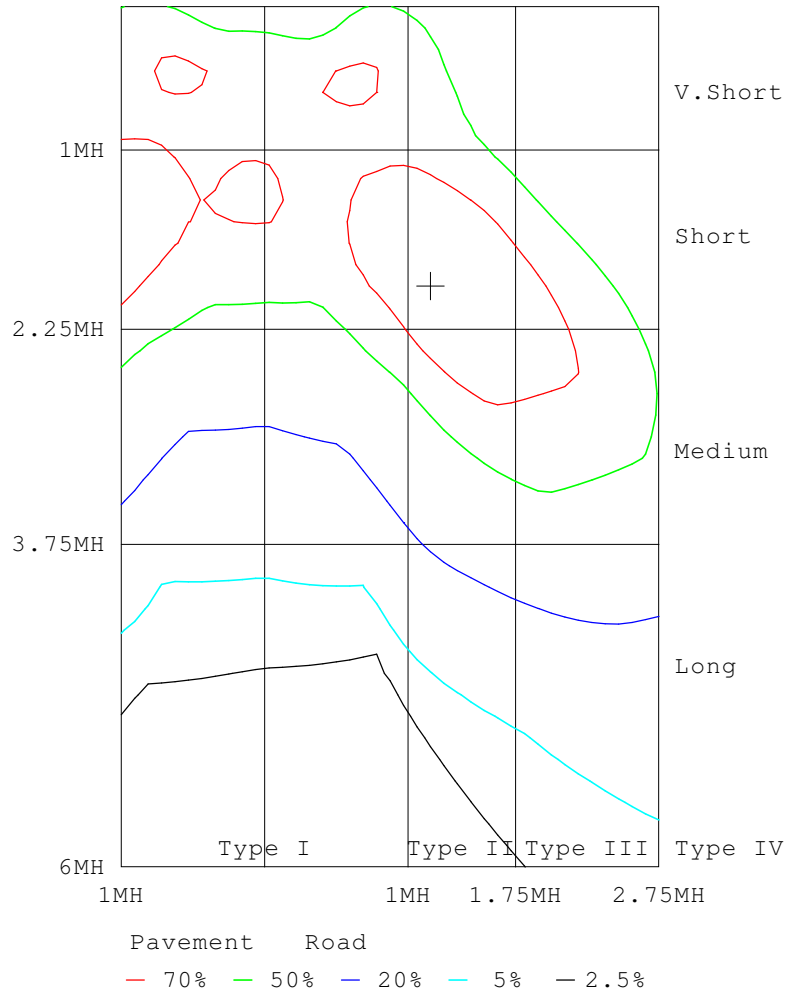
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:13.07.2020

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: LYS100-250W-T4

ROAD ISOCANDELA REPORT

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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: 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: LYS100-250W-T4

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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: 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: LYS100-250W-T4

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.43V I:1.0626A P:241.01W PF:0.9843 Freq:50.01Hz Lamp Flux:27773.4x1 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: 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: LYS100-250W-T4

```