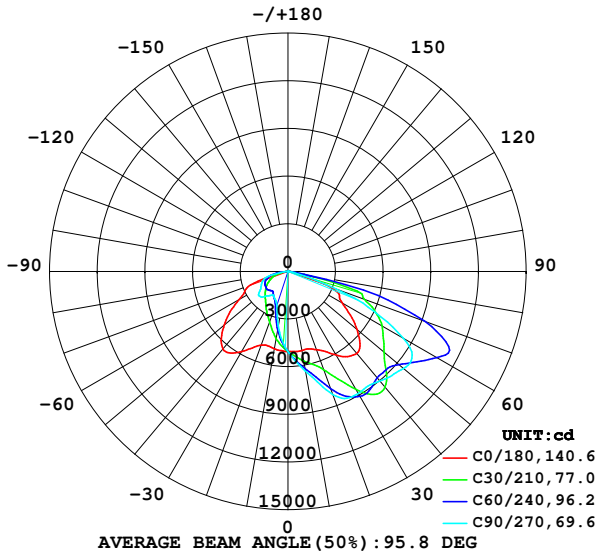
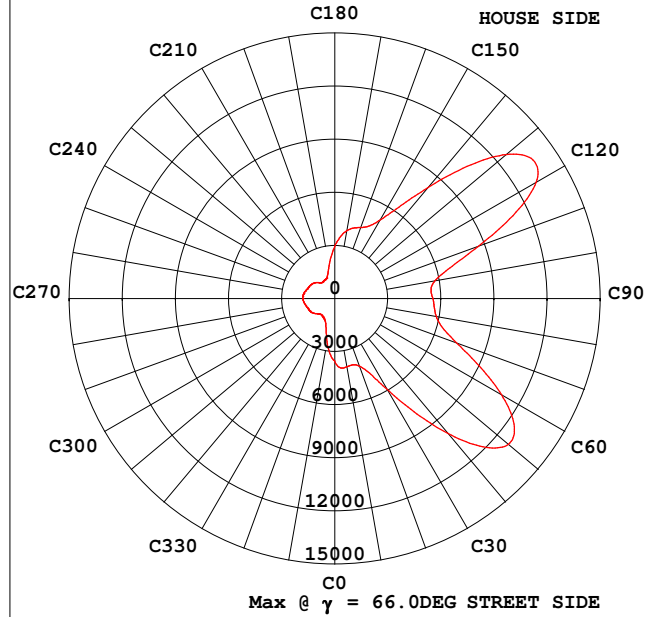


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.11 lm/W			
MODEL	LYS100	I _{max} (cd)	13138	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	53.1
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	23823	η house_up (%)	0.0
NOMINAL FLUX (lm)	23823.1	MAXIMUM @ (C, γ)	120,66.0	η house_down (%)	46.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.607

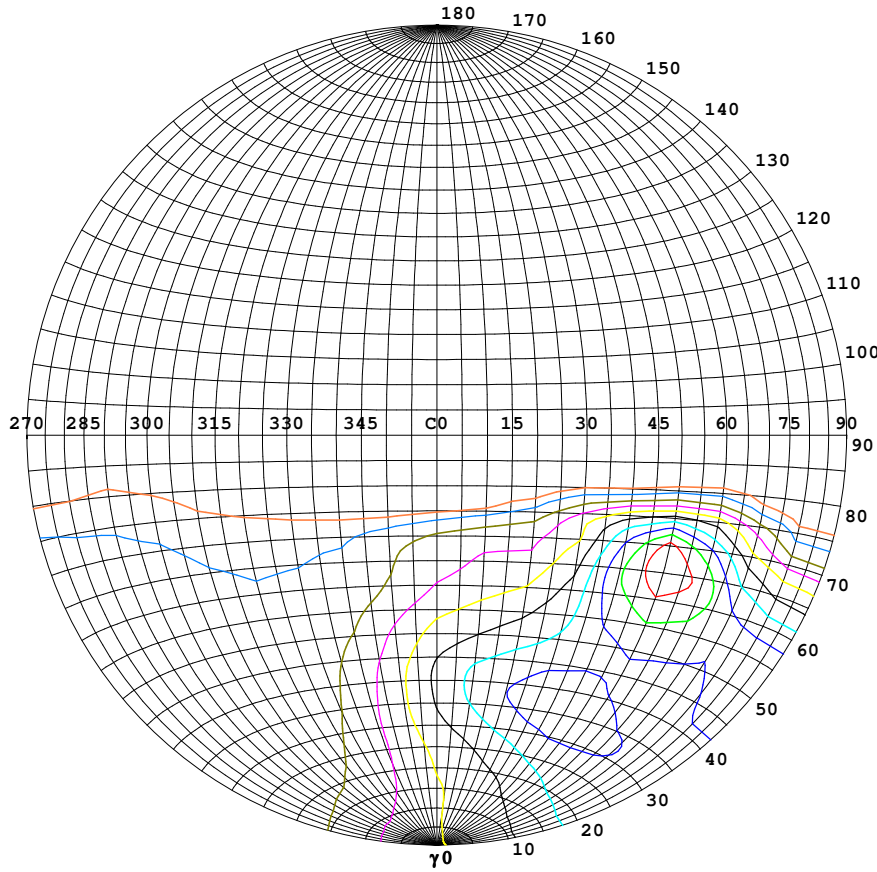
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-200W-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

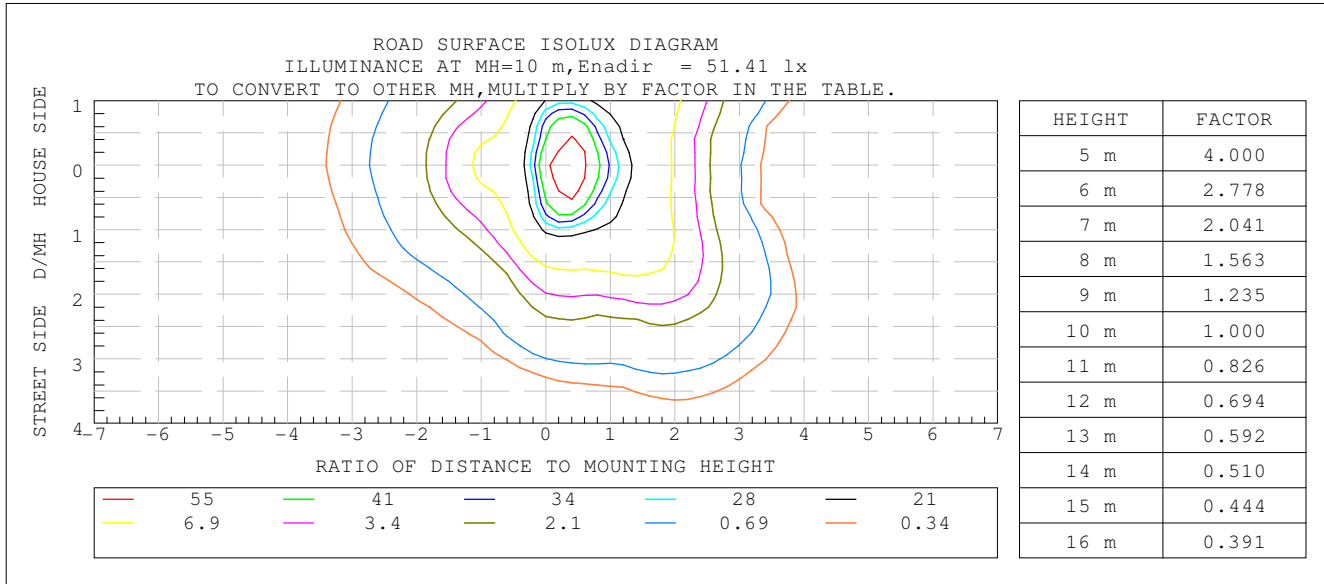
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:70.08cd/klm
 Max.At90:0.4773cd/klm
 Max.80-90:70.08cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	13138
90%	11824
80%	10511
70%	9197
60%	7883
50%	6569
40%	5255
30%	3941
20%	2628
10%	1314
5%	657

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: LYS100-200W-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: LYS100-200W-T4

ZONAL FLUX DIAGRAM

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

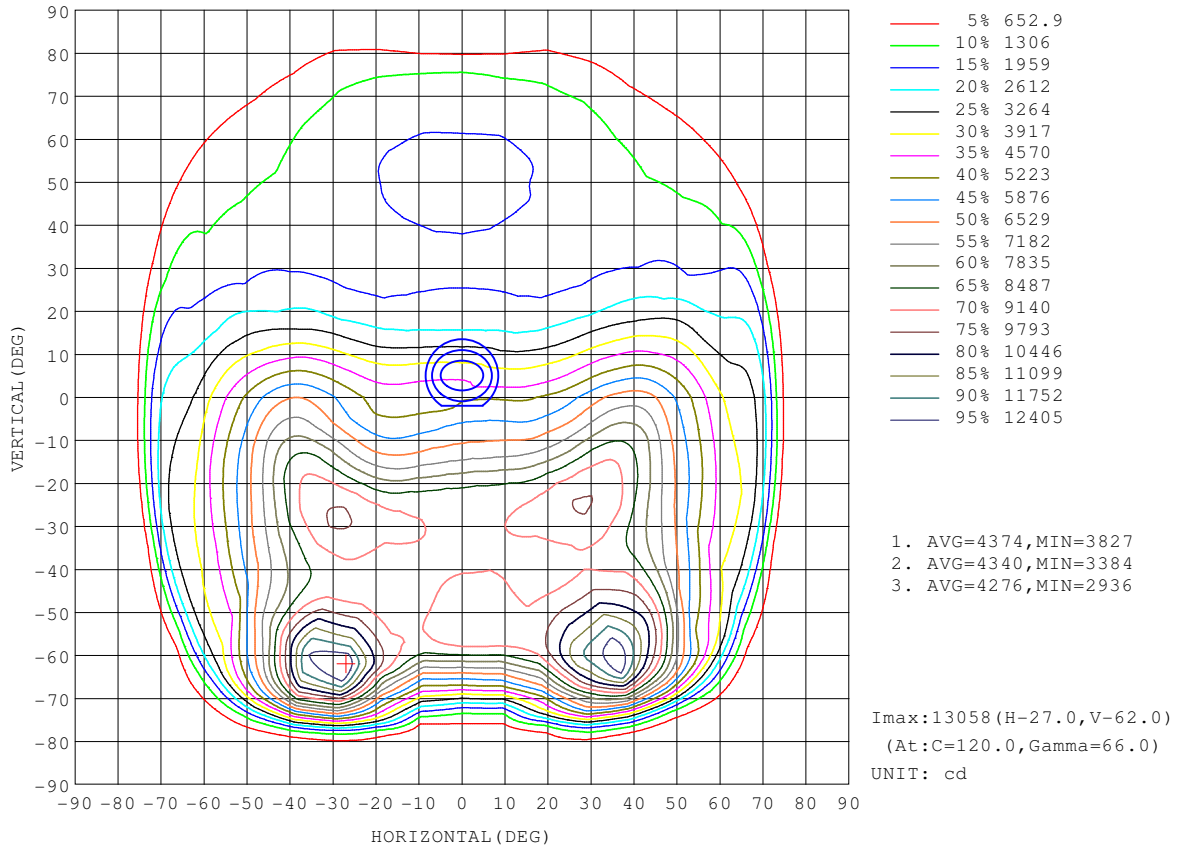
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	505.4	599.8	636.5	591.5	495.2	400.2	353.5	399.4	0- 10	478.6	478.6	2.01,2.01
20	524.3	725.4	823.7	690.4	493.9	273.9	213.5	277.4	10- 20	1403	1882	7.9,7.9
30	609.1	912.7	886.5	892.7	581.8	201.5	181.0	211.5	20- 30	2462	4343	18.2,18.2
40	673.6	931.1	901.1	1005	637.3	171.2	201.4	181.0	30- 40	3618	7962	33.4,33.4
50	568.2	895.6	951.0	888.0	524.4	159.3	239.0	166.7	40- 50	4324	12286	51.6,51.6
60	393.6	1068	836.7	970.5	357.7	146.8	198.7	150.0	50- 60	4629	16915	71,71
70	275.3	1052	321.3	968.2	252.0	112.7	166.9	106.3	60- 70	4474	21389	89.8,89.8
80	14.79	82.58	12.89	157.2	18.38	44.89	59.37	31.44	70- 80	2285	23674	99.4,99.4
90	0.2454	0.3134	0.2927	0.6593	0.3762	1.104	0.5922	1.037	80- 90	148.7	23823	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: LYS100-200W-T4

ISOCANDELA DIAGRAM

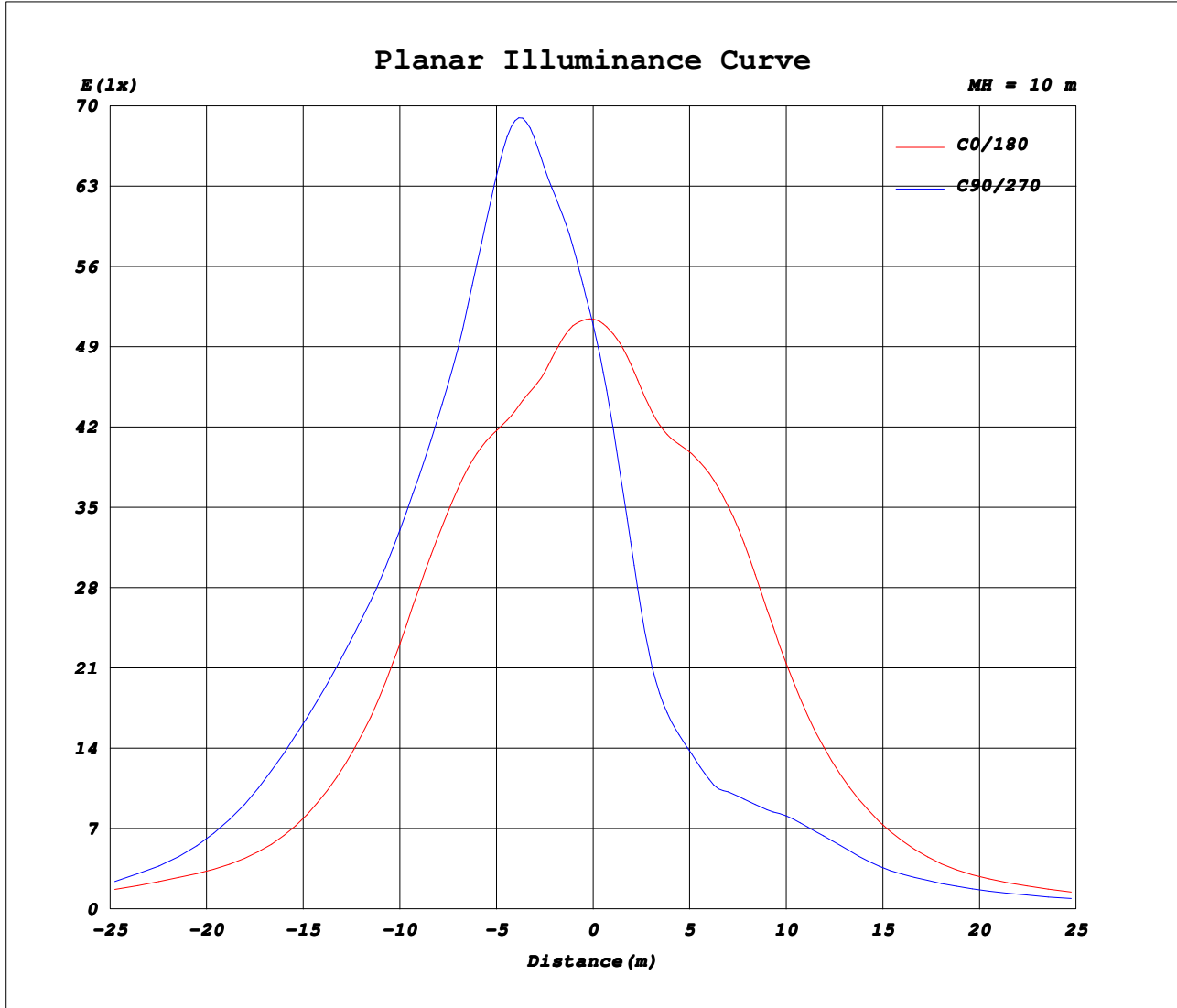
Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS100-200W-T4

Planar Illuminance Curve



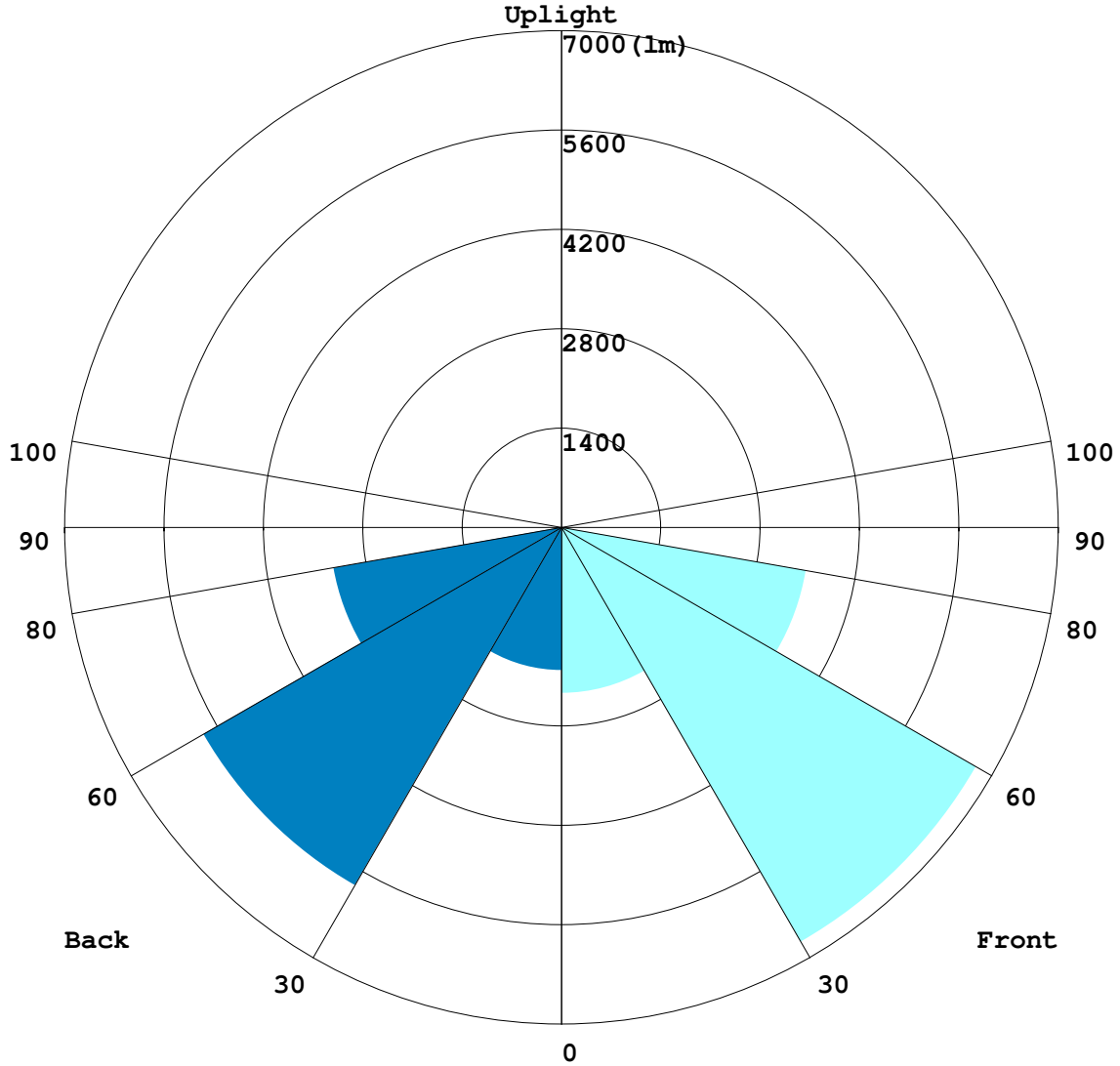
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-200W-T4

LCS REPORT

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T4

BUG REPORT

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2333.4	9.8
FM - Front-Medium(30-60)	6746.7	28.3
FH - Front-High(60-80)	3499.4	14.7
FVH - Front-Very High(80-90)	65.493	0.3
Total Forward Light	12645	53.1

BL - Back-Low(0-30)	2010	8.4
BM - Back-Medium(30-60)	5825	24.5
BH - Back-High(60-80)	3260.1	13.7
BVH - Back-Very High(80-90)	83.181	0.3
Total Back Light	11178	46.9

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	11178	0	11178
Street Side	12645	0	12645

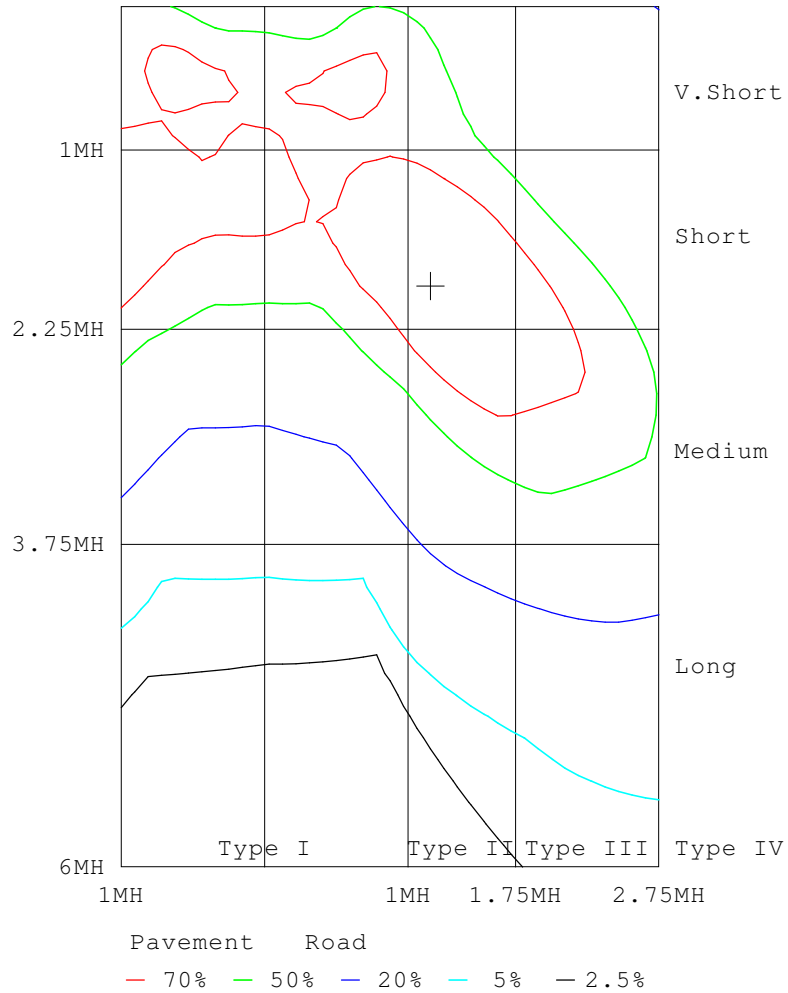
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-200W-T4

ROAD ISOCANDELA REPORT

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T4

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T4

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.45V I:0.8722A P:196.70W PF:0.9787 Freq:50.01Hz Lamp Flux:23823.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T4

```