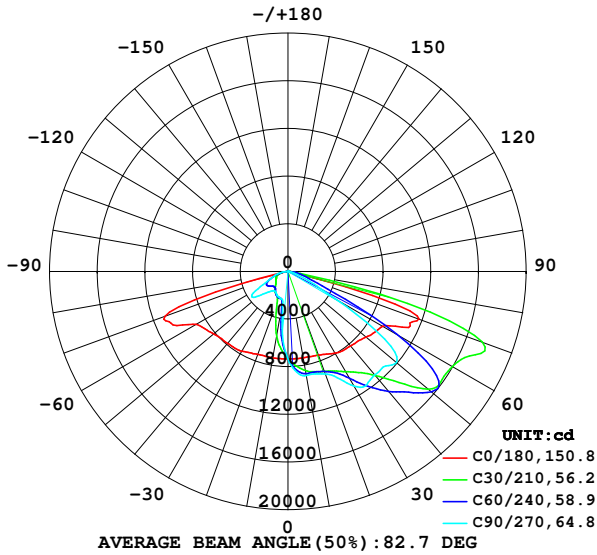
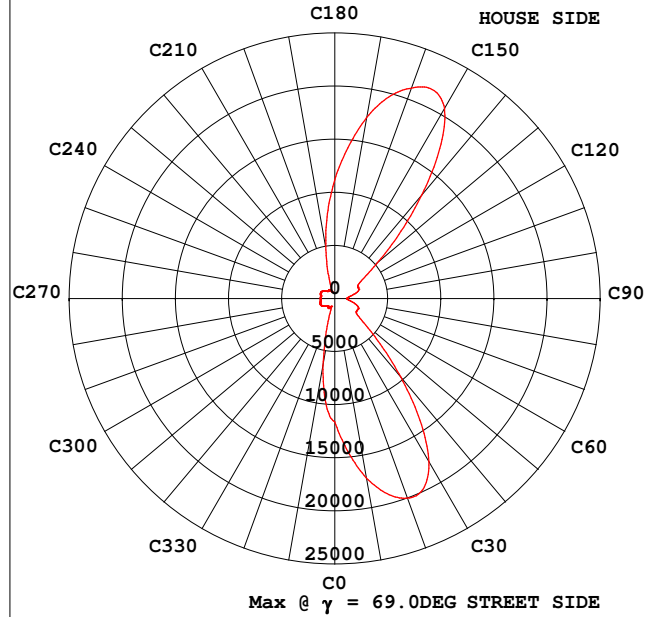


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.91 lm/W			
MODEL	LYS100	I _{max} (cd)	21082	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	52.6
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	32448	η house_up (%)	0.0
NOMINAL FLUX (lm)	32448	MAXIMUM @ (C, γ)	160,69.0	η house_down (%)	47.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.766

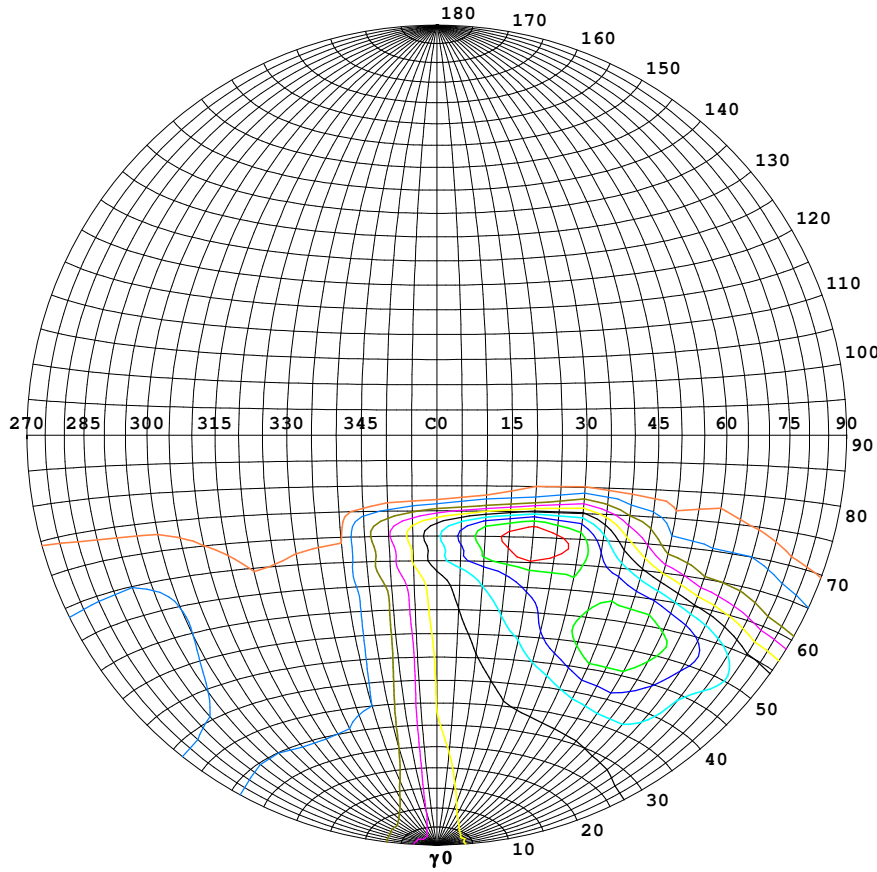
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-300W-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

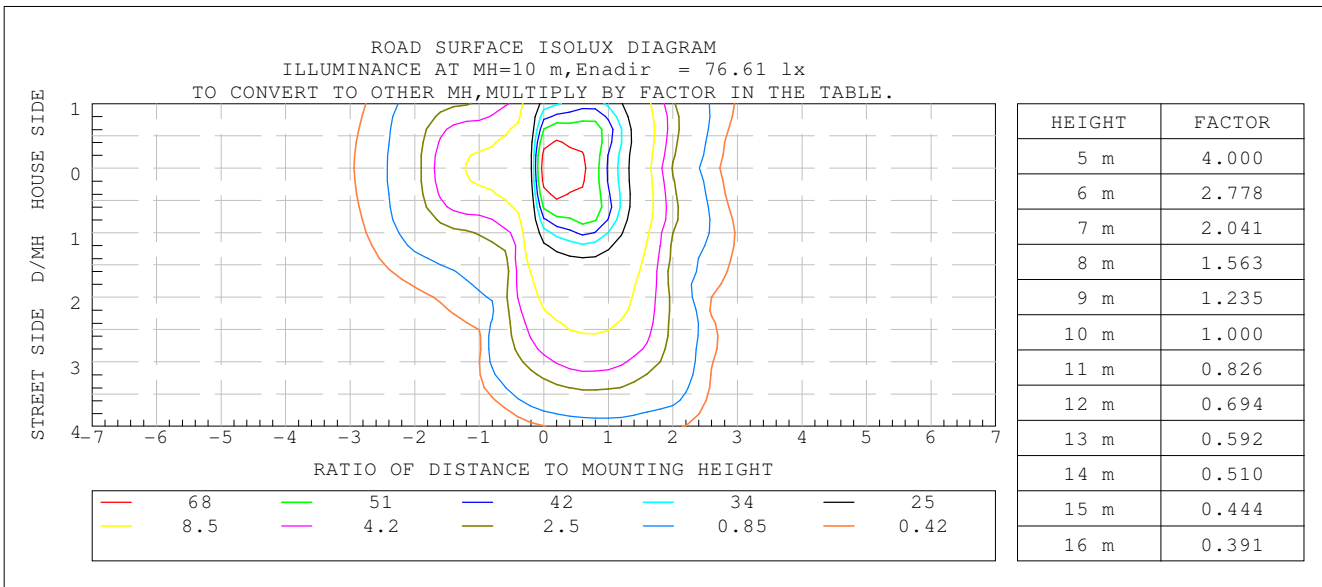
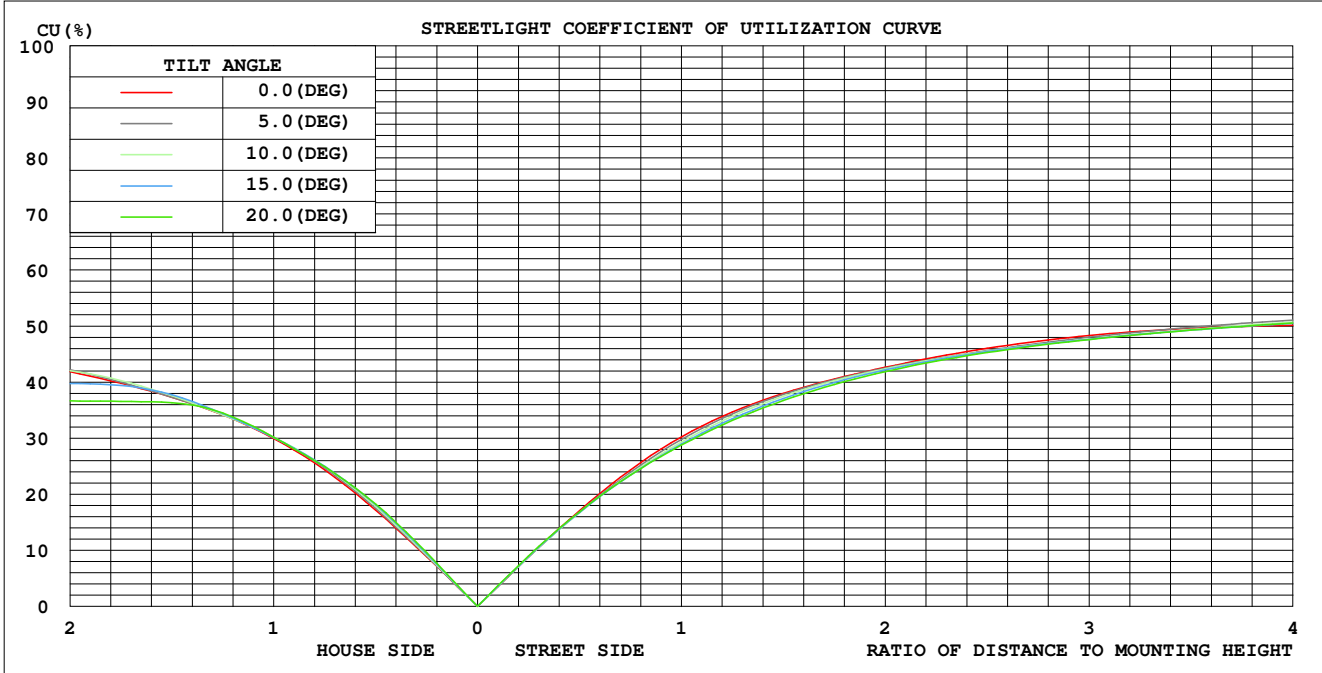
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:38.48cd/klm
 Max.At90:0.5136cd/klm
 Max.80-90:38.48cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	21082
90%	18974
80%	16865
70%	14757
60%	12649
50%	10541
40%	8433
30%	6325
20%	4216
10%	2108
5%	1054

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: LYS100-300W-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: 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: LYS100-300W-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

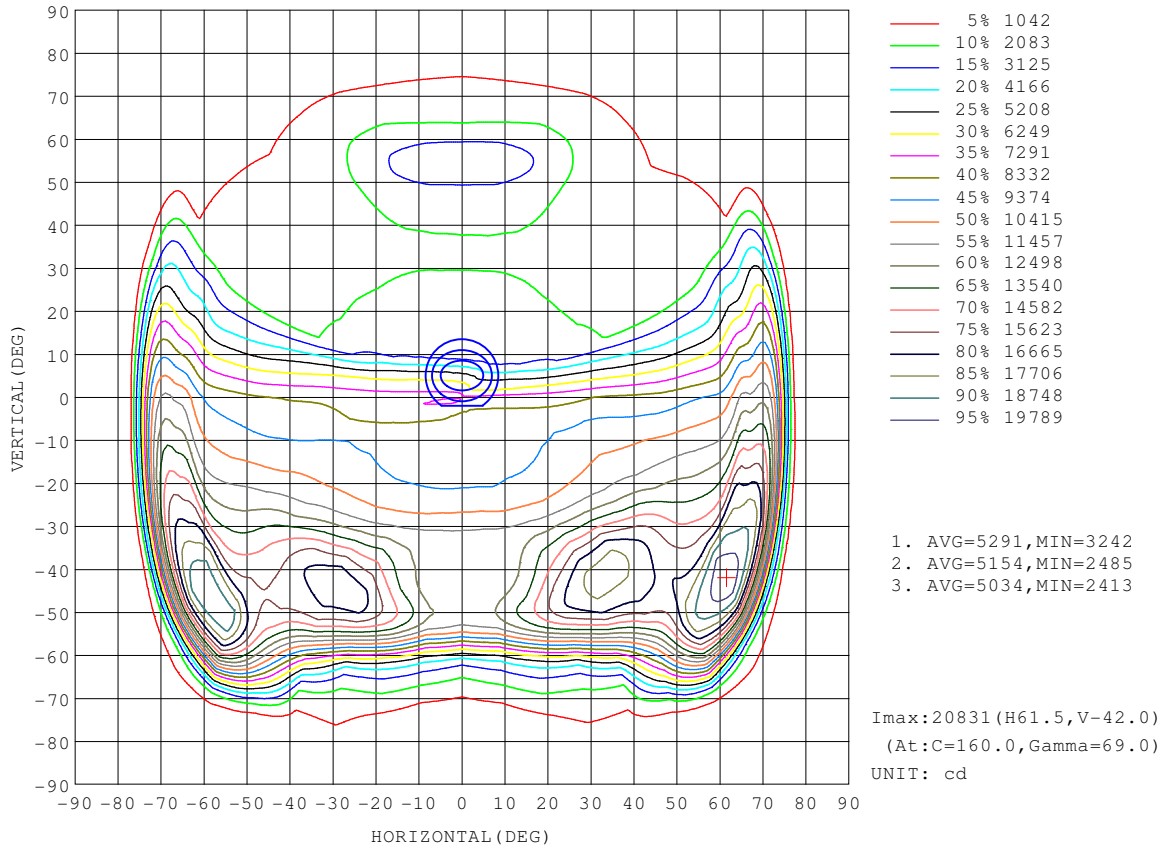
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	737.4	865.3	887.0	915.5	736.8	425.2	261.3	359.7	0- 10	659.5	659.5	2.03,2.03
20	748.0	890.5	916.7	964.1	742.2	234.8	228.8	251.9	10- 20	1763	2422	7.46,7.46
30	792.4	991.4	1111	1055	773.5	212.7	204.1	219.7	20- 30	2918	5340	16.5,16.5
40	817.0	1318	1135	1337	788.6	159.7	216.4	166.9	30- 40	4298	9638	29.7,29.7
50	857.3	1741	1189	1784	816.2	142.5	320.3	149.9	40- 50	6002	15640	48.2,48.2
60	921.8	1497	463.2	1621	890.1	130.0	290.5	136.2	50- 60	7266	22906	70.6,70.6
70	1169	592.9	96.73	810.6	1100	98.10	130.5	102.5	60- 70	6302	29208	90,90
80	33.67	76.82	9.782	74.13	28.21	41.74	55.63	40.99	70- 80	3071	32279	99.5,99.5
90	0.7477	0.3134	0.5267	0.5964	0.8408	0.7885	0.4045	1.449	80- 90	168.9	32448	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: LYS100-300W-T3-M

ISOCANDELA DIAGRAM

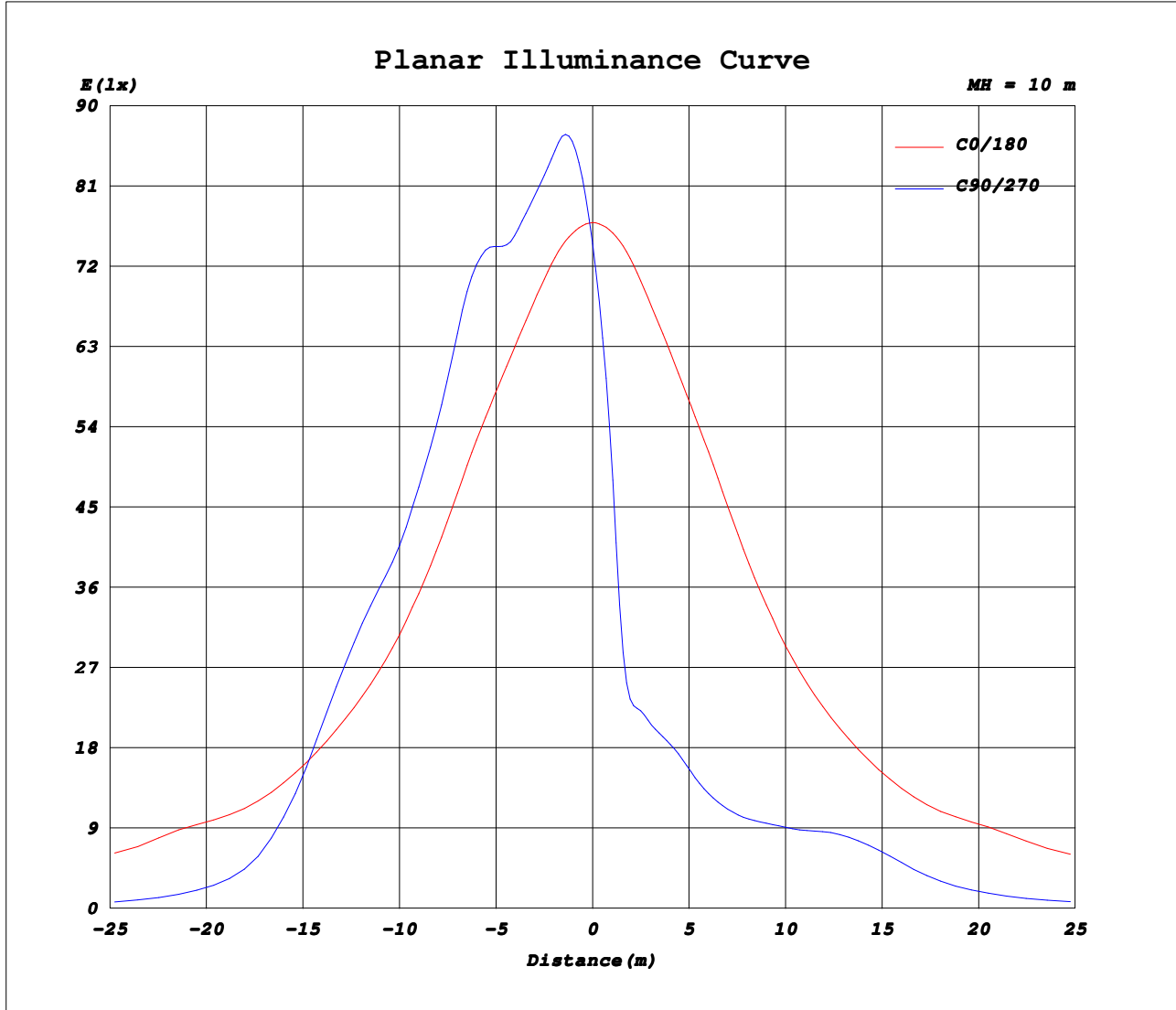
Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS100-300W-T3-M

Planar Illuminance Curve



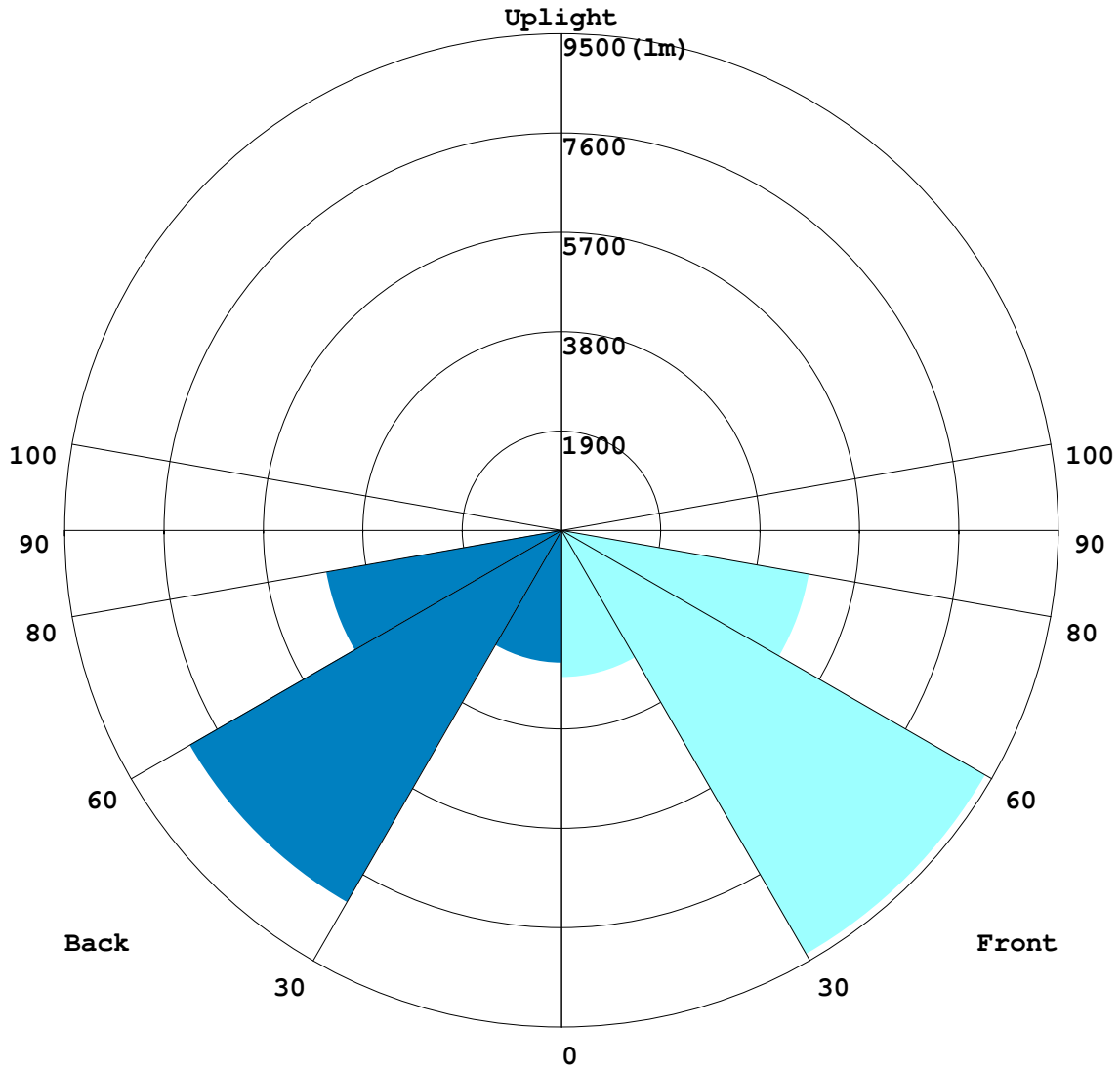
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T3-M

LCS REPORT

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	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: LYS100-300W-T3-M

BUG REPORT

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2809.8	8.7
FM - Front-Medium(30-60)	9356	28.8
FH - Front-High(60-80)	4808.8	14.8
FVH - Front-Very High(80-90)	89.301	0.3
Total Forward Light	17064	52.6

BL - Back-Low(0-30)	2530.6	7.8
BM - Back-Medium(30-60)	8209.2	25.3
BH - Back-High(60-80)	4564.7	14.1
BVH - Back-Very High(80-90)	79.572	0.2
Total Back Light	15384	47.4

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	15384	0	15384
Street Side	17064	0	17064

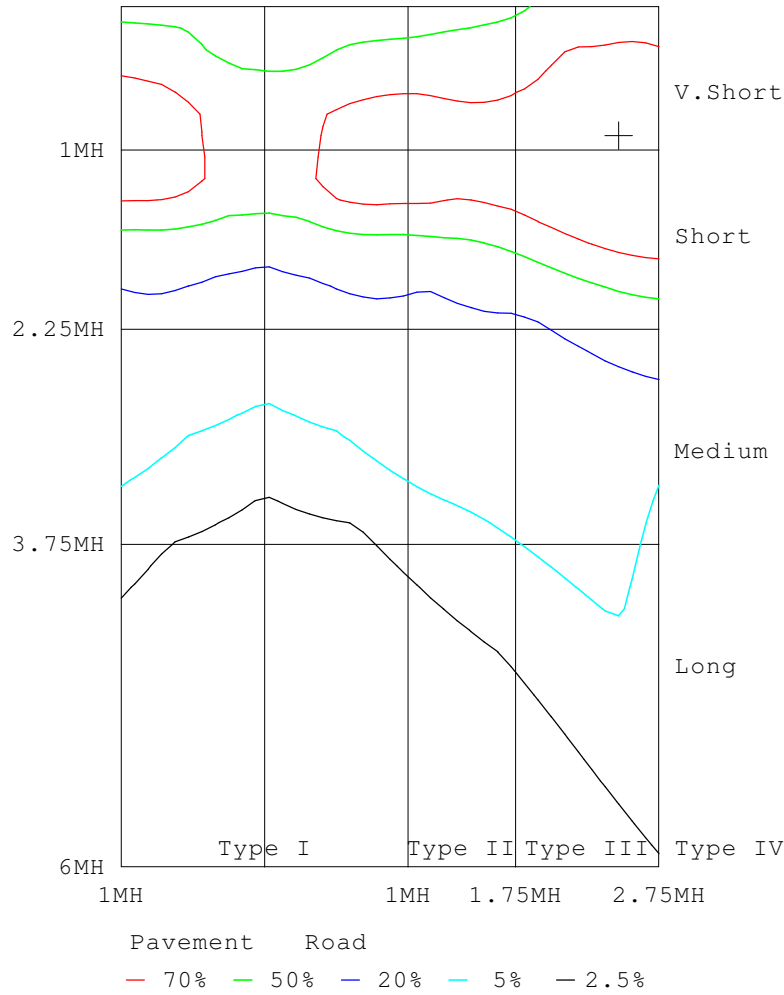
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	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: LYS100-300W-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	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: LYS100-300W-T3-M

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:1.2857A P:292.56W PF:0.9877 Freq:50.01Hz Lamp Flux:32448x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	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: LYS100-300W-T3-M

```