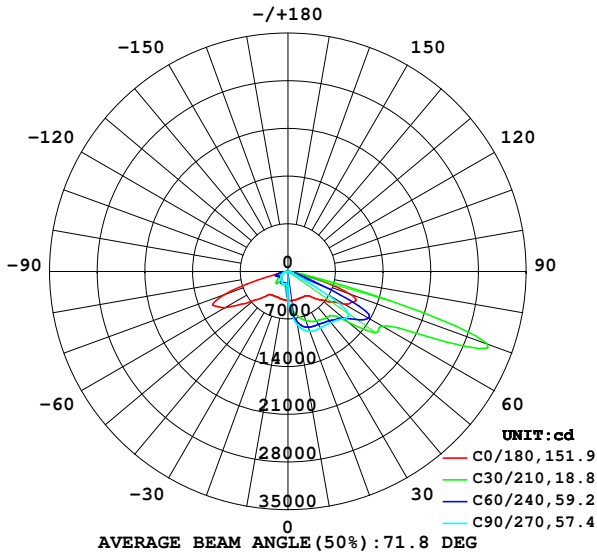
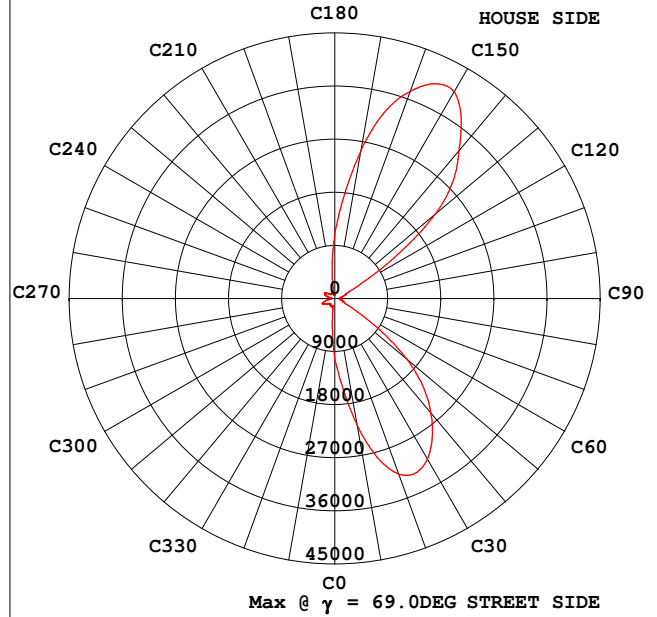


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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: 110.66 lm/W			
MODEL	LYS100	I _{max} (cd)	40513	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	52.5
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	32625	η house_up (%)	0.0
NOMINAL FLUX (lm)	32624.9	MAXIMUM @ (C, γ)	150,69.0	η house_down (%)	47.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	20.271

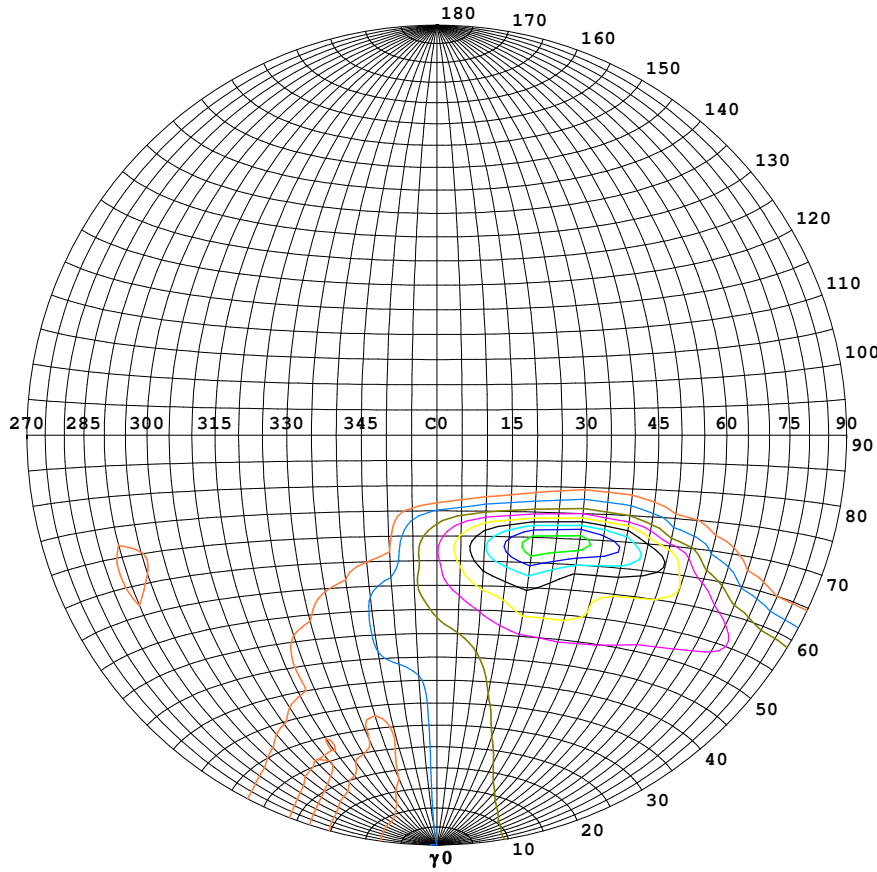
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-300W-T3

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

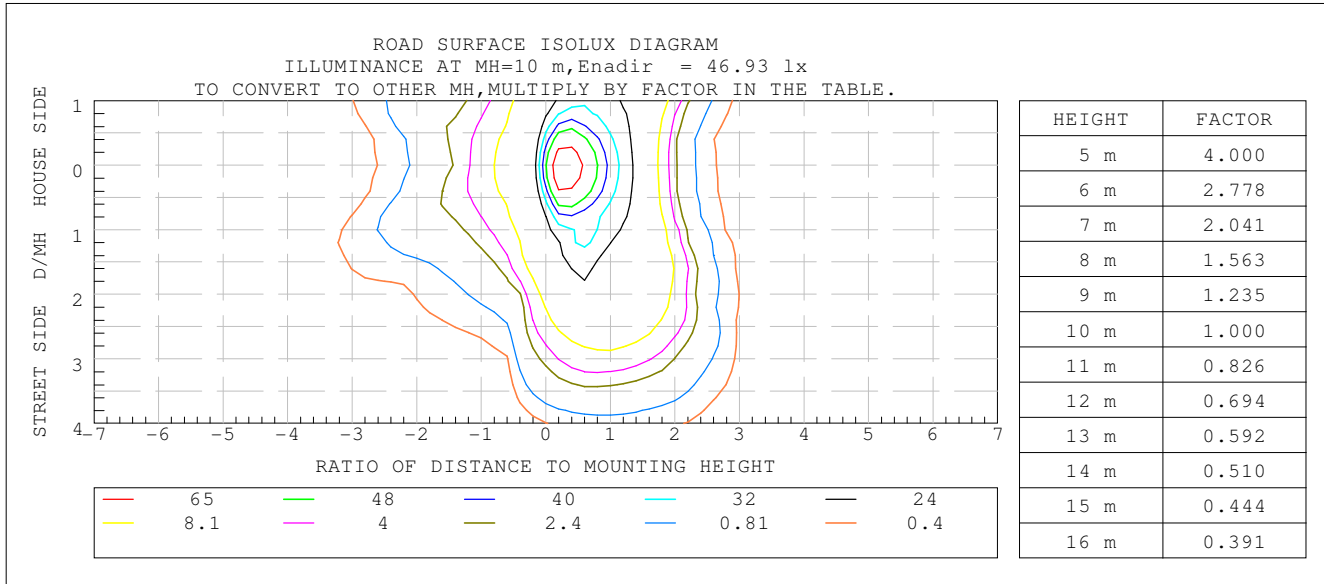
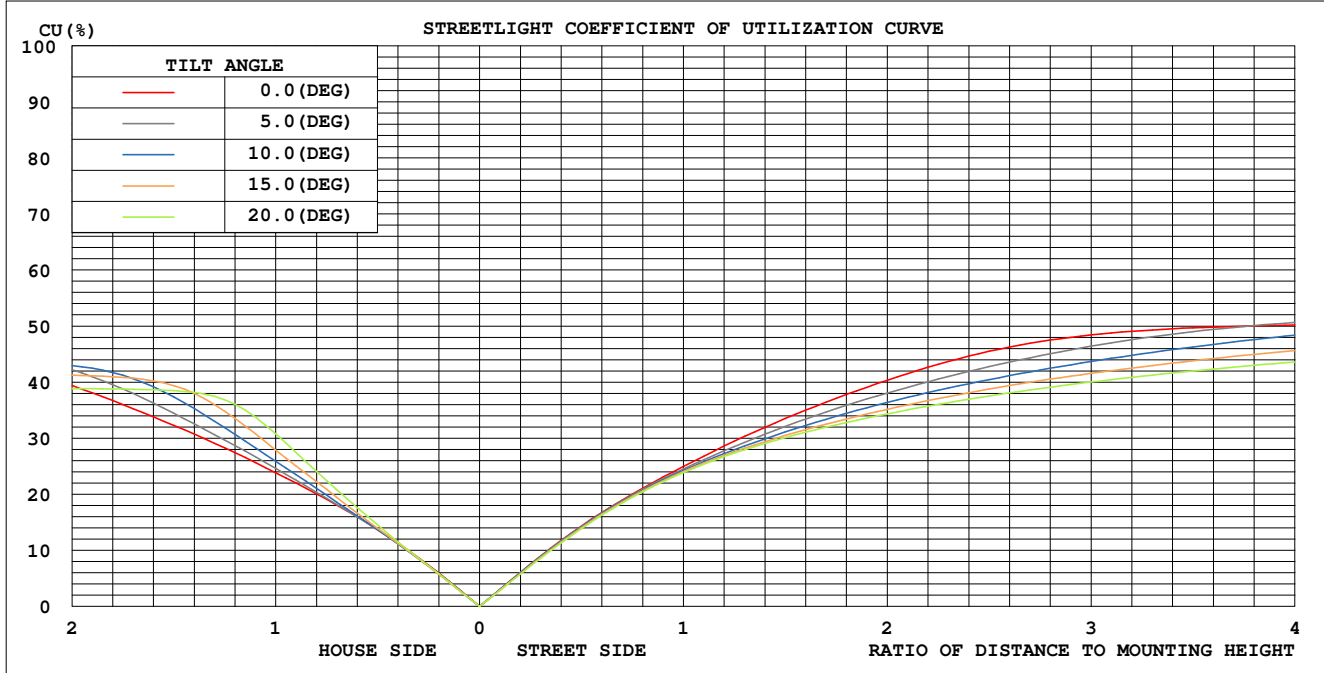
IES:Type III - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:51.39cd/klm
 Max.At90:0.8767cd/klm
 Max.80-90:51.39cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	40513
90%	36461
80%	32410
70%	28359
60%	24308
50%	20256
40%	16205
30%	12154
20%	8103
10%	4051
5%	2026

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: LYS100-300W-T3

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: LYS100-300W-T3

ZONAL FLUX DIAGRAM

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

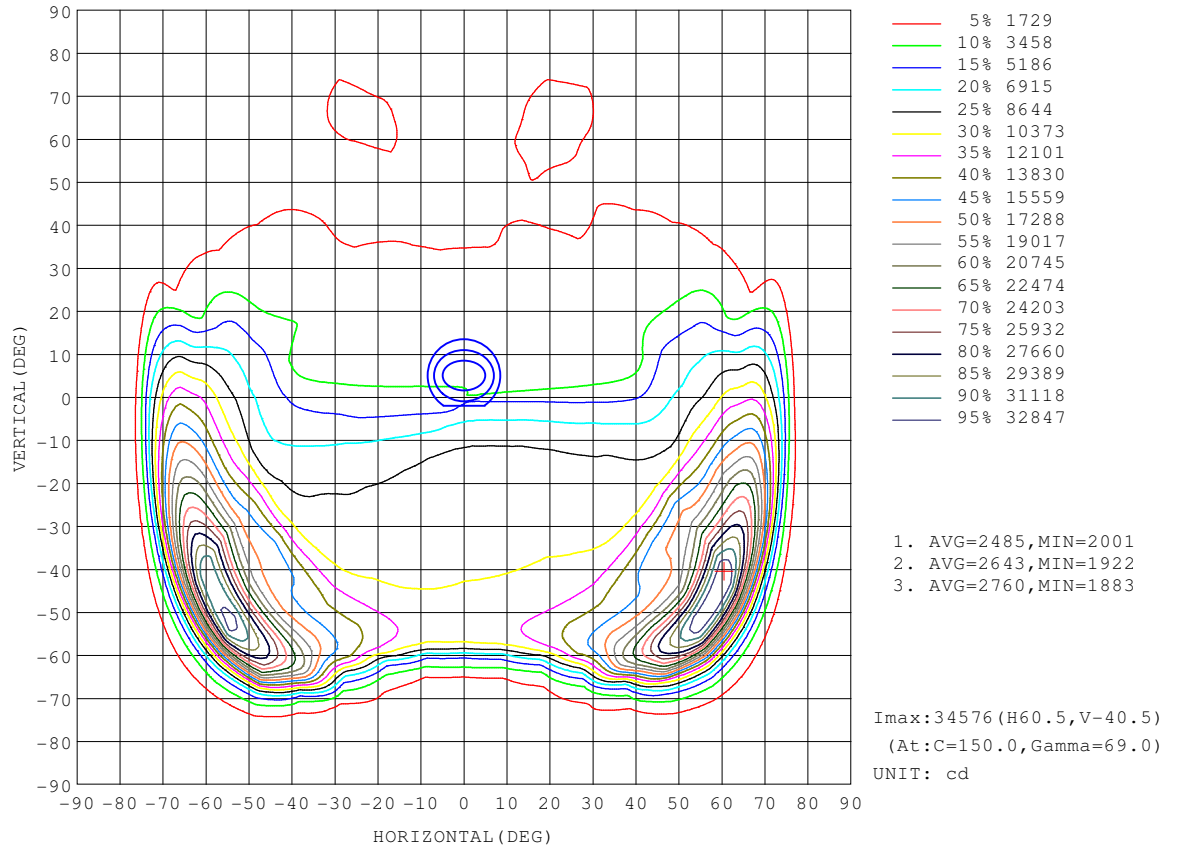
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	433.8	693.2	792.6	757.0	421.4	194.6	188.3	228.2	0- 10	421.8	421.8	1.29,1.29
20	433.3	842.6	936.6	941.0	411.5	182.3	190.9	232.7	10- 20	1402	1824	5.59,5.59
30	437.4	881.7	958.6	1002	416.2	195.7	178.0	249.8	20- 30	2457	4280	13.1,13.1
40	466.5	914.0	983.0	1048	453.6	177.3	162.1	215.3	30- 40	3443	7723	23.7,23.7
50	656.8	1106	1078	1331	667.1	160.9	139.5	203.8	40- 50	4723	12446	38.1,38.1
60	958.9	1512	569.5	1851	1067	144.3	110.1	179.9	50- 60	7089	19535	59.9,59.9
70	966.6	1855	80.45	2645	991.7	104.7	80.71	131.6	60- 70	8964	28499	87.4,87.4
80	44.69	83.11	11.45	121.1	38.85	40.01	23.82	61.45	70- 80	3931	32431	99.4,99.4
90	0.7998	0.4078	0.5872	0.9211	0.7649	1.241	0.3875	2.481	80- 90	194.2	32625	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: LYS100-300W-T3

ISOCANDELA DIAGRAM

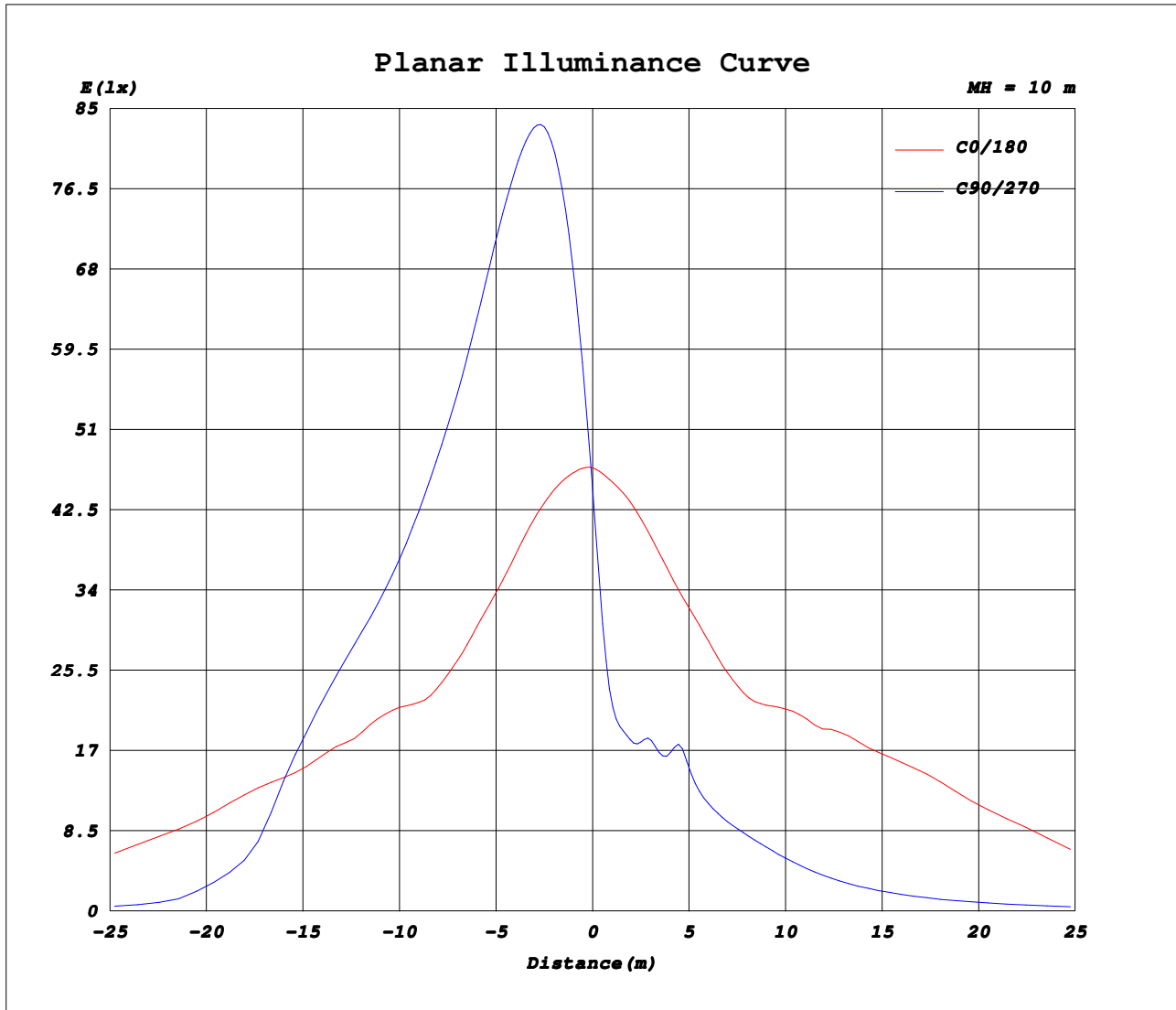
Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date: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: LYS100-300W-T3

Planar Illuminance Curve



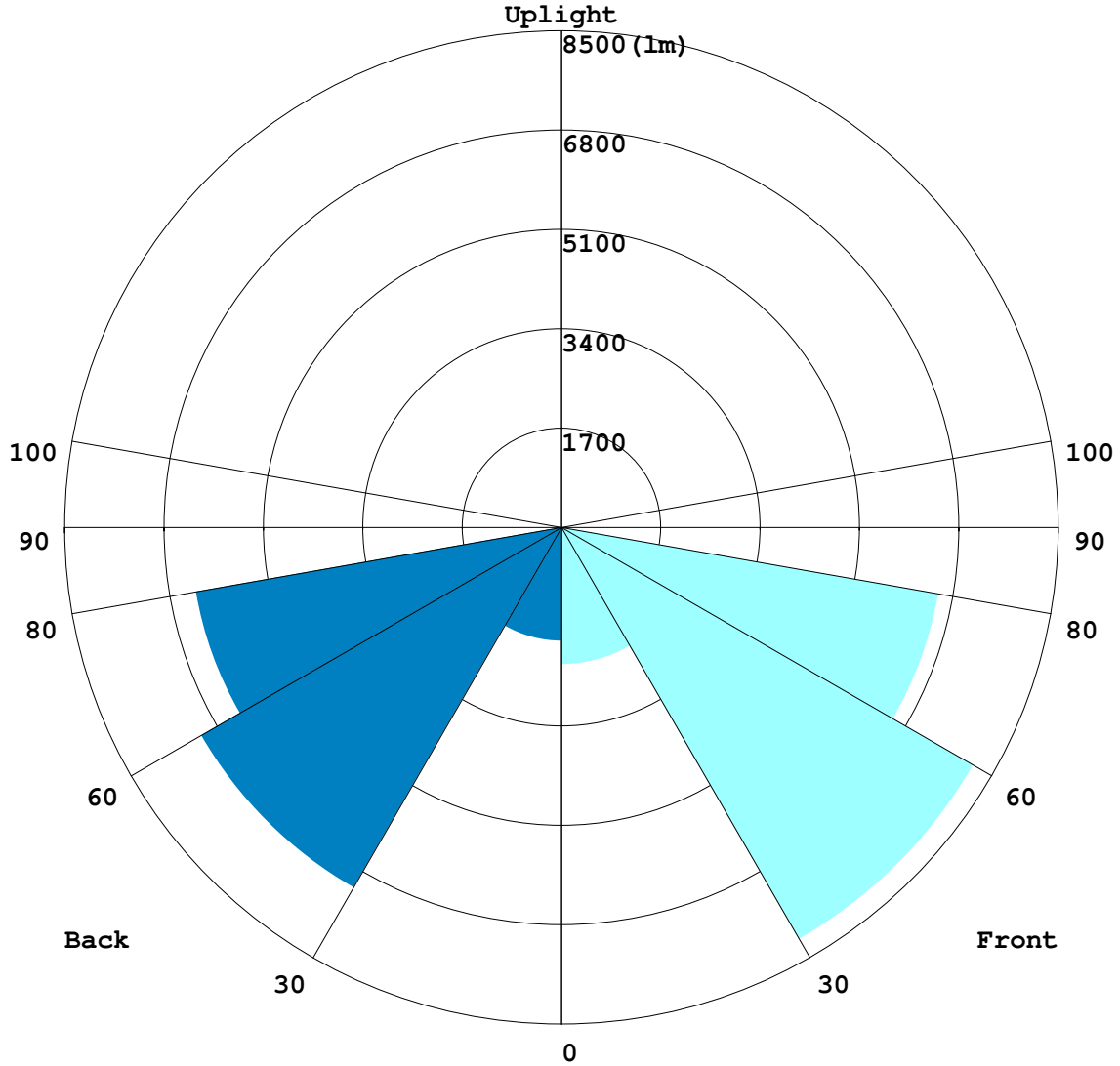
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-300W-T3

LCS REPORT

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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: 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: LYS100-300W-T3

BUG REPORT

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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)	2340.4	7.2
FM - Front-Medium(30-60)	8137.7	24.9
FH - Front-High(60-80)	6546.8	20.1
FVH - Front-Very High(80-90)	107.11	0.3
Total Forward Light	17132	52.5

BL - Back-Low(0-30)	1940	5.9
BM - Back-Medium(30-60)	7117	21.8
BH - Back-High(60-80)	6348.7	19.5
BVH - Back-Very High(80-90)	87.14	0.3
Total Back Light	15493	47.5

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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15493	0	15493
Street Side	17132	0	17132

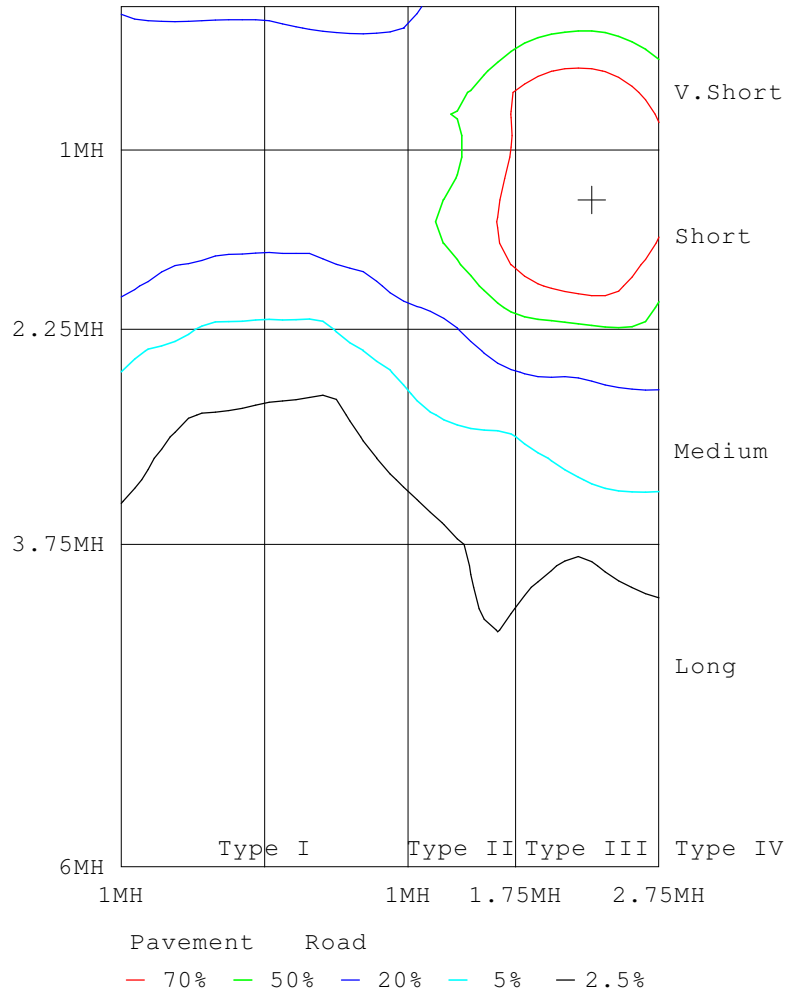
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-300W-T3

ROAD ISOCANDELA REPORT

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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: 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: LYS100-300W-T3

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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: 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: LYS100-300W-T3

```

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.39V I:1.2954A P:294.83W PF:0.9879 Freq:50.00Hz Lamp Flux:32624.9x1 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: 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: LYS100-300W-T3

```