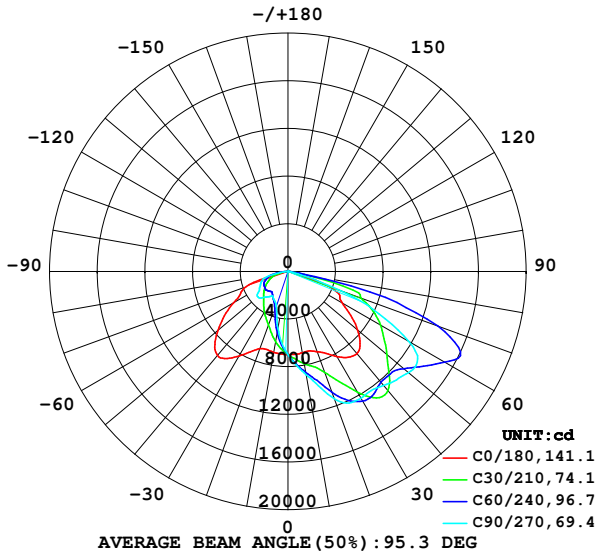
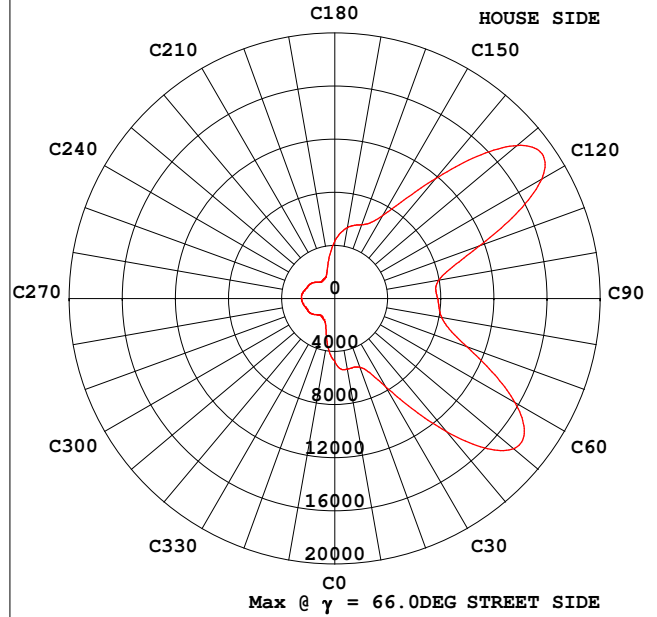


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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: 112.10 lm/W			
MODEL	LYS100	I _{max} (cd)	18007	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	52.8
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	33043	η house_up (%)	0.0
NOMINAL FLUX (lm)	33043.1	MAXIMUM @ (C, γ)	120,66.0	η house_down (%)	47.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.014

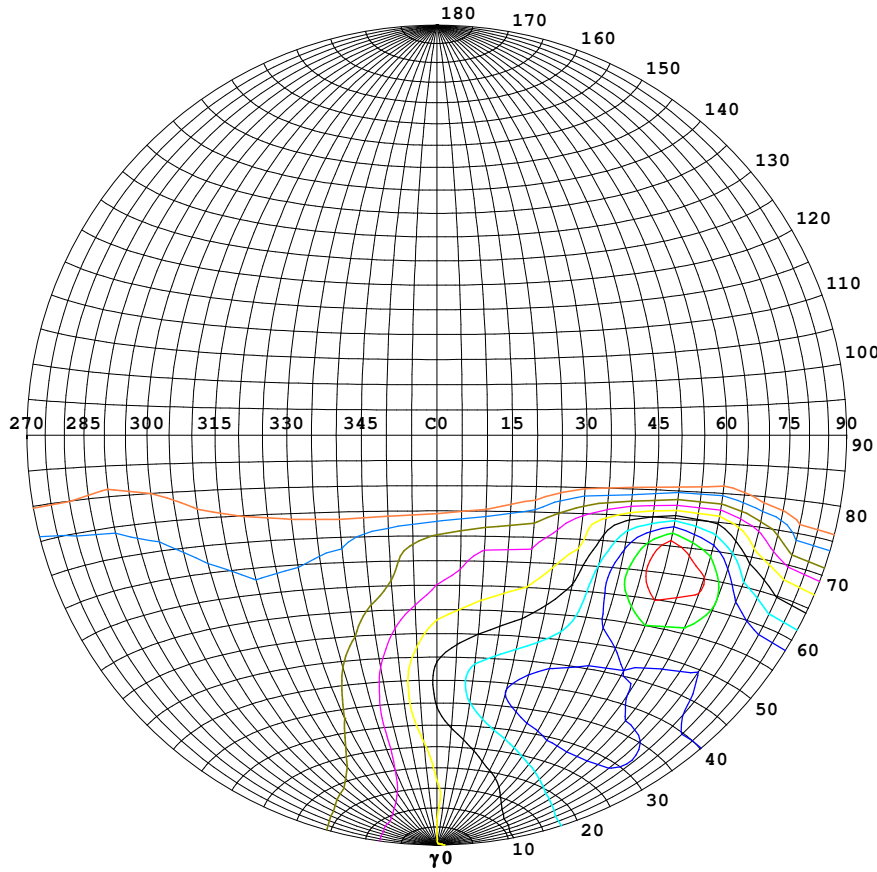
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

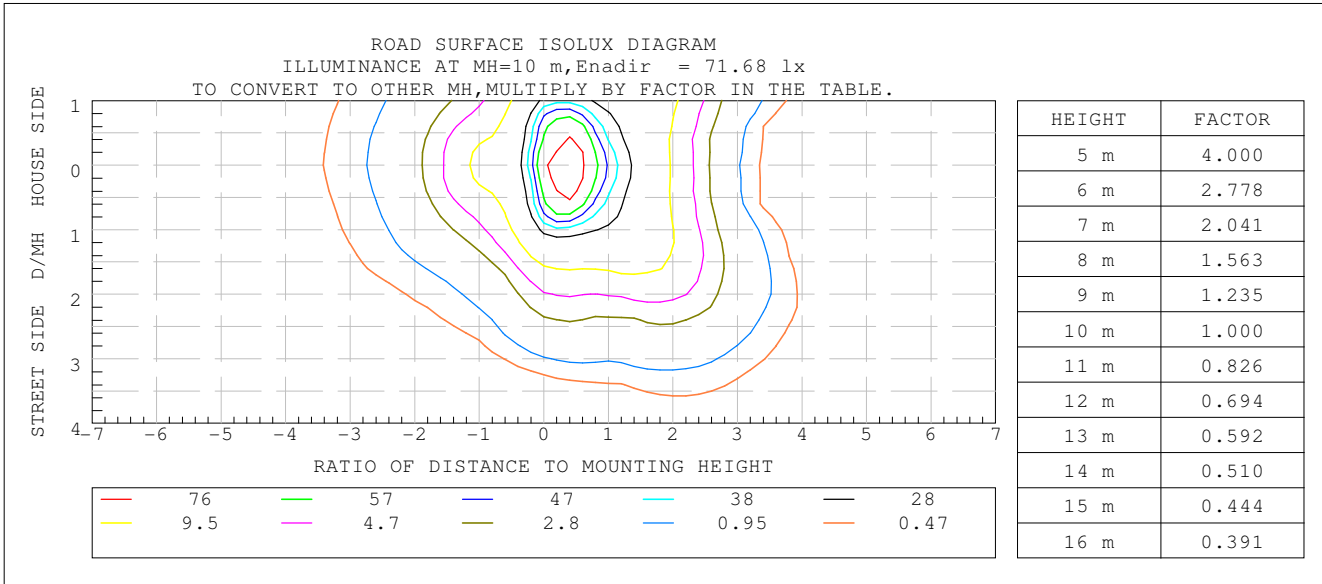
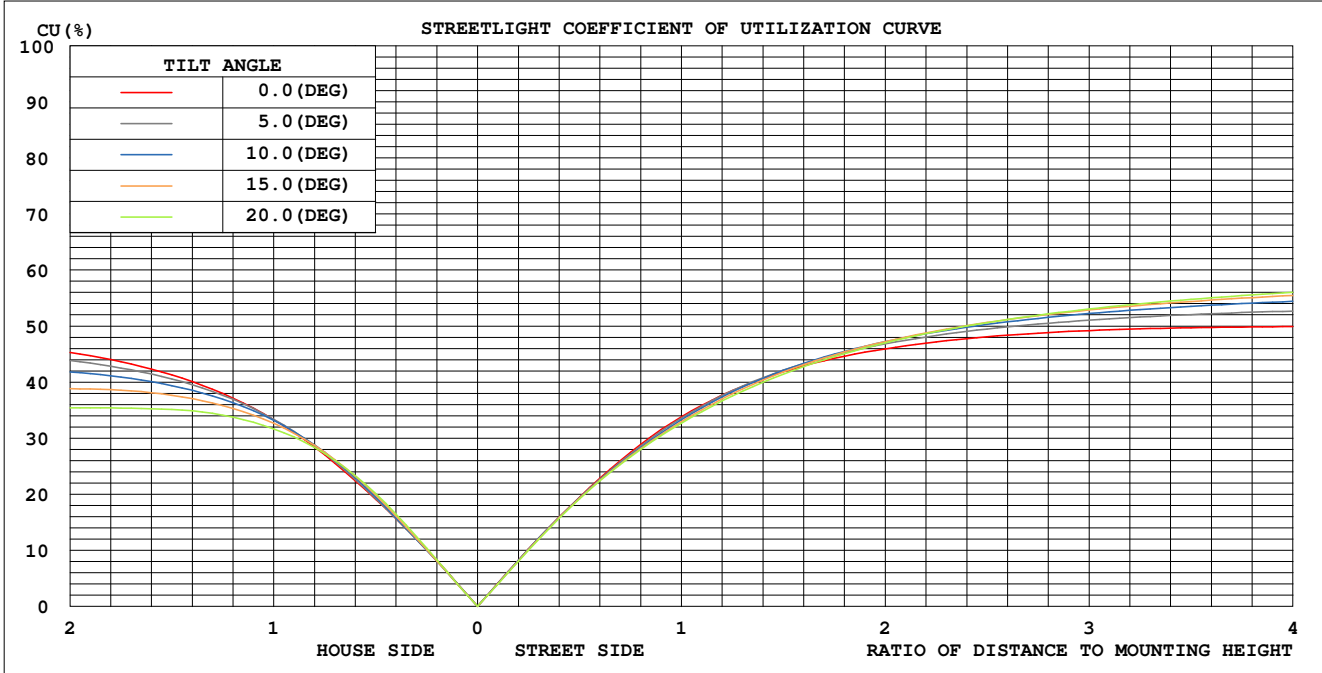
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:83.18cd/klm
 Max.At90:0.5093cd/klm
 Max.80-90:83.18cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	18007
90%	16206
80%	14405
70%	12605
60%	10804
50%	9003
40%	7203
30%	5402
20%	3601
10%	1801
5%	900

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

gamma Range: 0 - 90DEG
 gamma 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-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: LYS100-300W-T4

ZONAL FLUX DIAGRAM

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

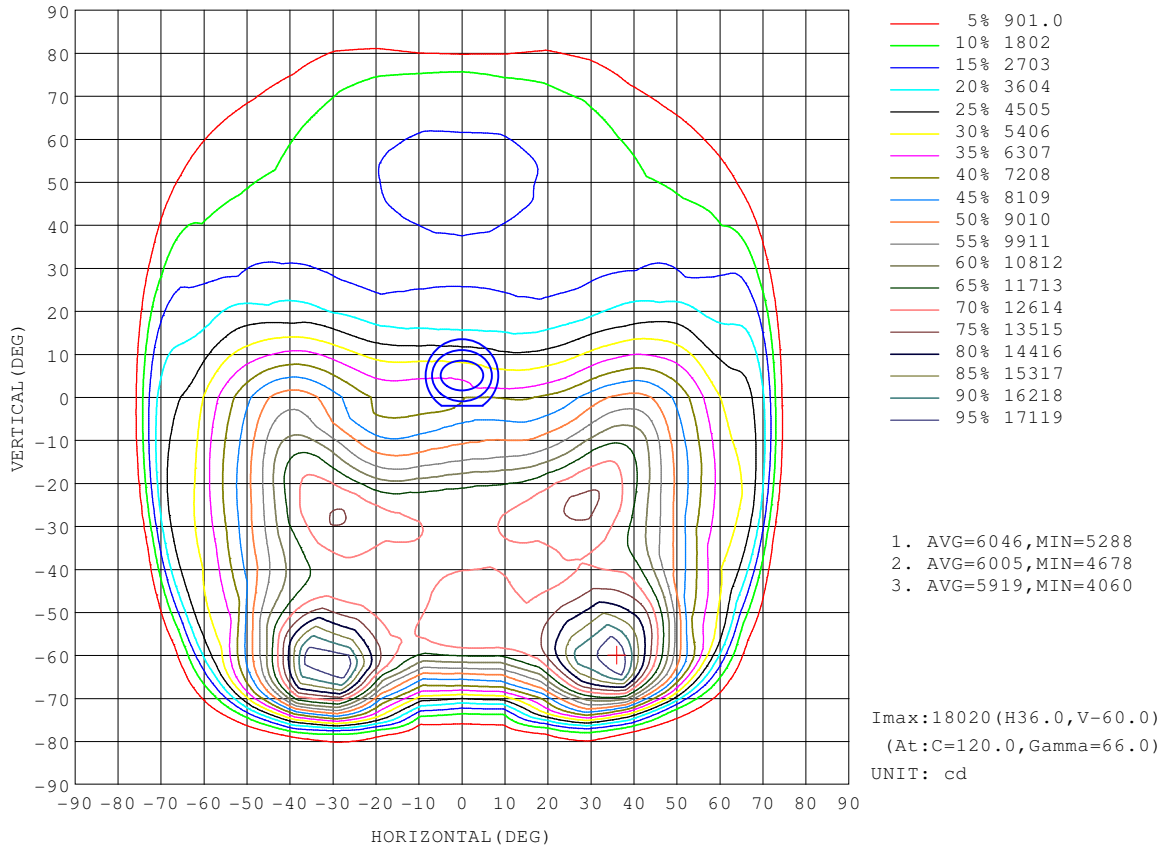
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	694.3	825.9	878.5	818.9	690.3	556.8	489.5	550.5	0- 10	662.0	662.0	2,2
20	717.1	992.7	1137	955.7	690.8	385.4	296.1	380.2	10- 20	1939	2601	7.87,7.87
30	826.2	1260	1228	1235	820.1	284.3	252.0	290.1	20- 30	3403	6004	18.2,18.2
40	901.9	1295	1251	1387	921.2	242.2	280.4	248.6	30- 40	5014	11018	33.3,33.3
50	764.0	1233	1322	1232	766.4	223.2	332.7	230.4	40- 50	6002	17020	51.5,51.5
60	525.8	1455	1171	1370	528.4	203.4	276.3	209.4	50- 60	6424	23444	70.9,70.9
70	360.7	1423	452.2	1384	374.2	154.6	233.0	150.0	60- 70	6210	29654	89.7,89.7
80	19.50	116.6	17.92	240.7	27.36	61.41	83.17	44.72	70- 80	3181	32834	99.4,99.4
90	0.3729	0.4473	0.4199	0.9458	0.6203	1.645	0.8405	1.471	80- 90	208.6	33043	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-T4

ISOCANDELA DIAGRAM

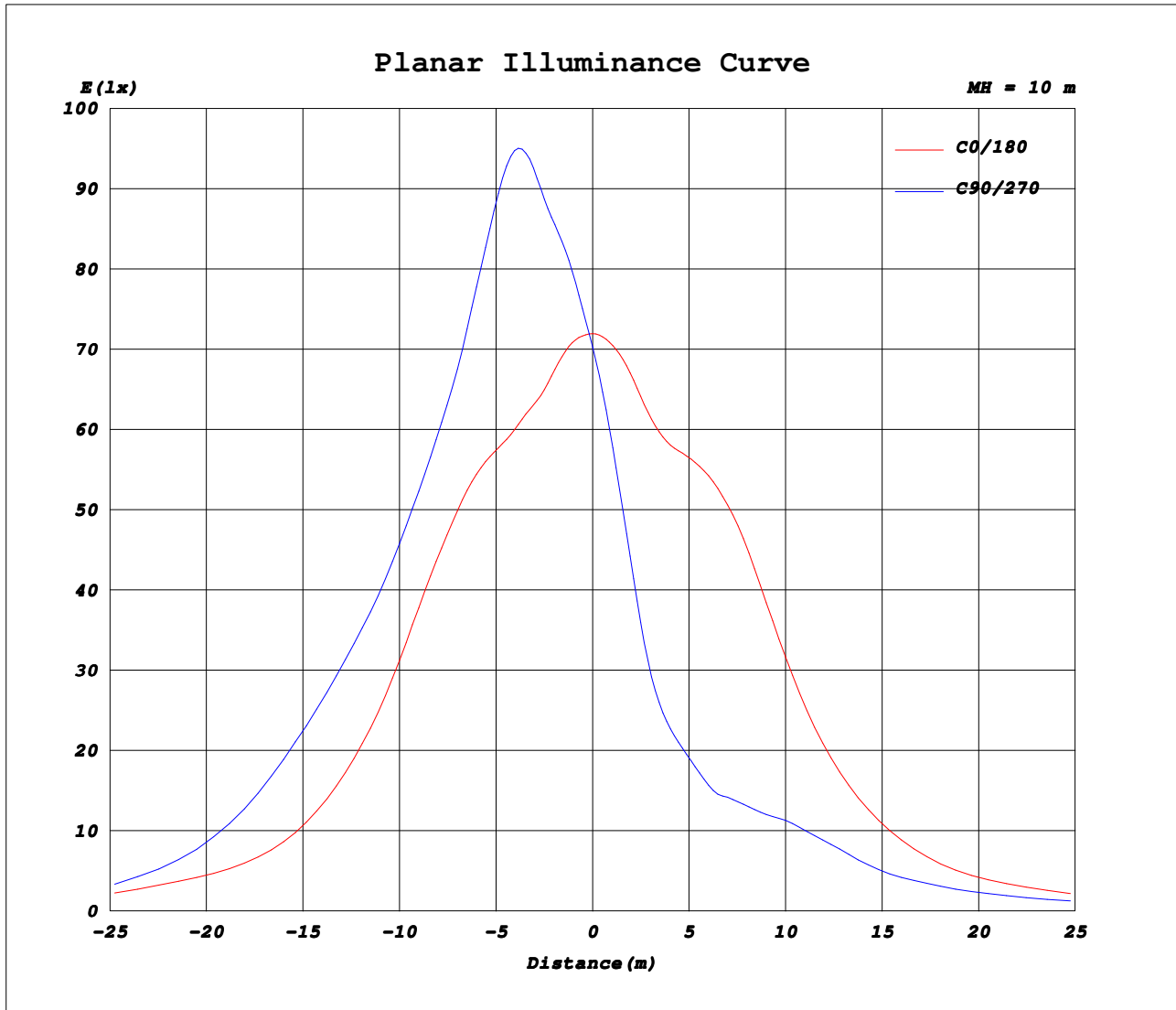
Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T4

Planar Illuminance Curve



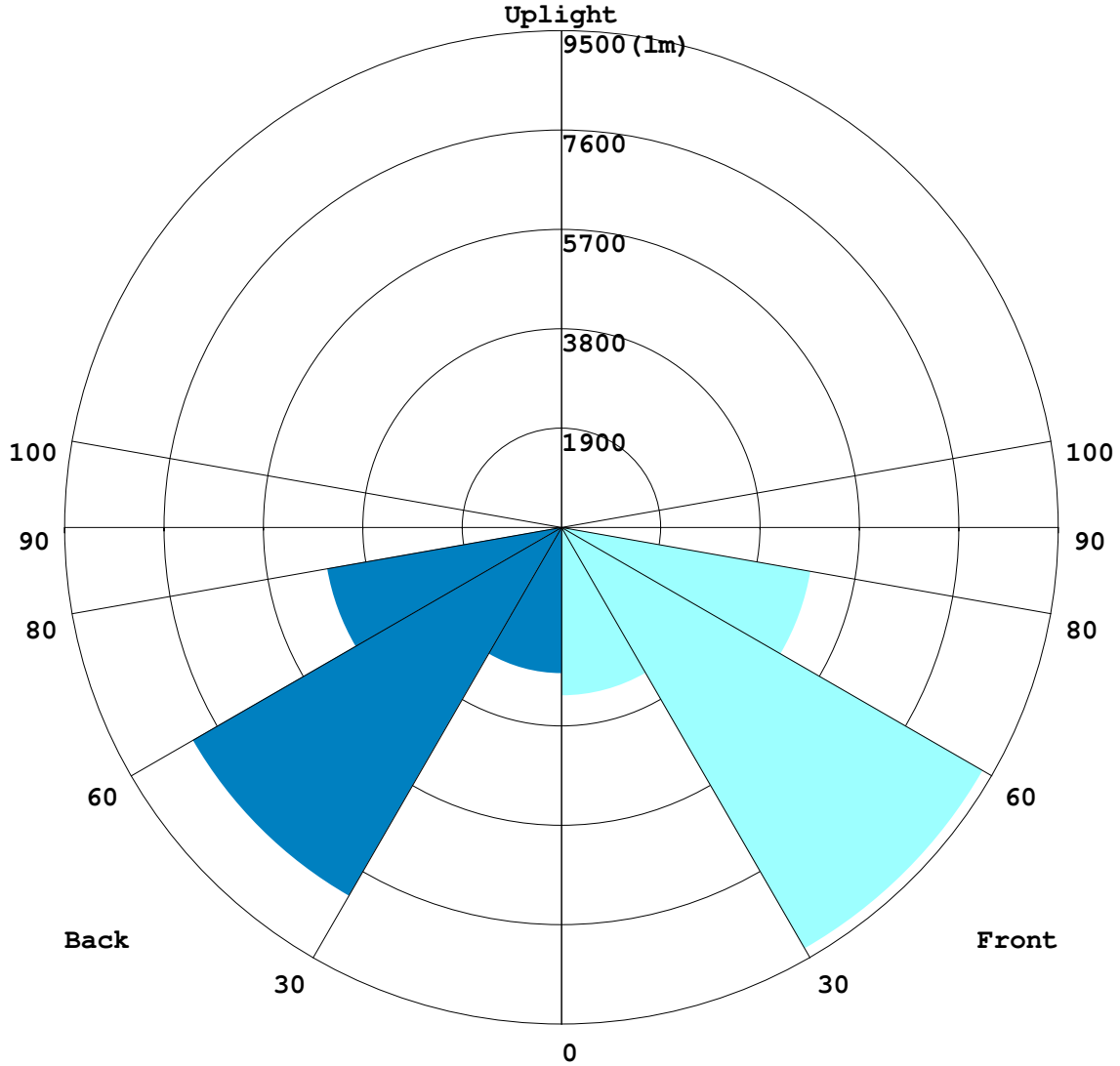
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-300W-T4

LCS REPORT

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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-T4

BUG REPORT

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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)	3211.9	9.7
FM - Front-Medium(30-60)	9304.8	28.2
FH - Front-High(60-80)	4841.6	14.7
FVH - Front-Very High(80-90)	91.567	0.3
Total Forward Light	17450	52.8

BL - Back-Low(0-30)	2792.1	8.4
BM - Back-Medium(30-60)	8135.2	24.6
BH - Back-High(60-80)	4548.9	13.8
BVH - Back-Very High(80-90)	117.07	0.4
Total Back Light	15593	47.2

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
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15593	0	15593
Street Side	17450	0	17450

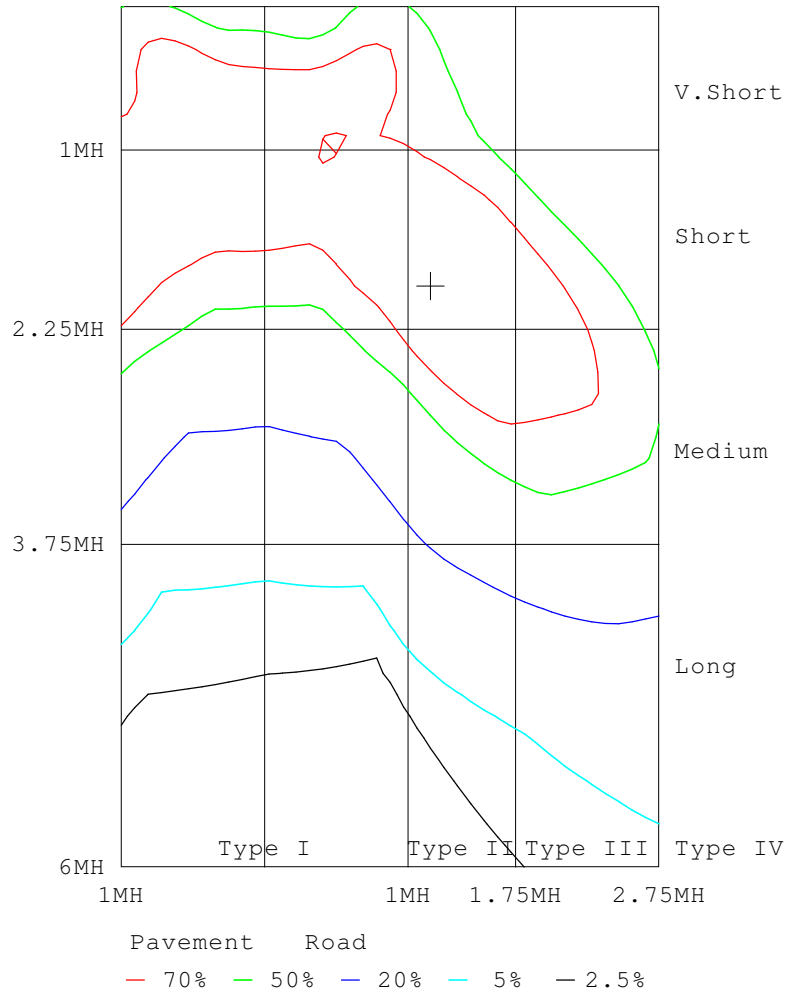
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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-T4

ROAD ISOCANDELA REPORT

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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-T4

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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

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-T4

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.31V I:1.2955A P:294.77W PF:0.9879 Freq:50.00Hz Lamp Flux:33043.1x1 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

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-T4