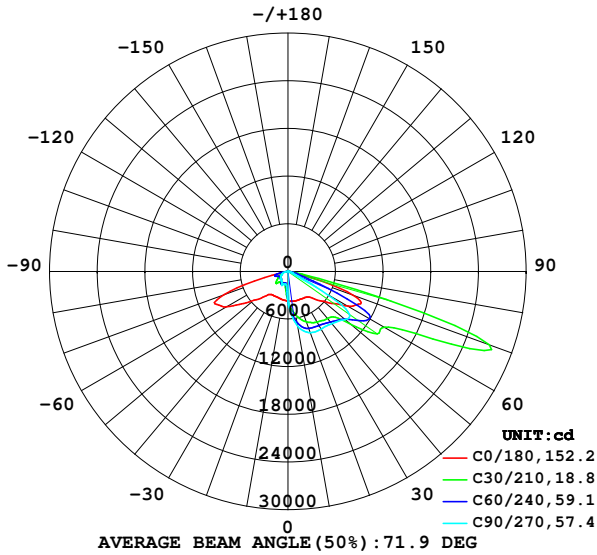
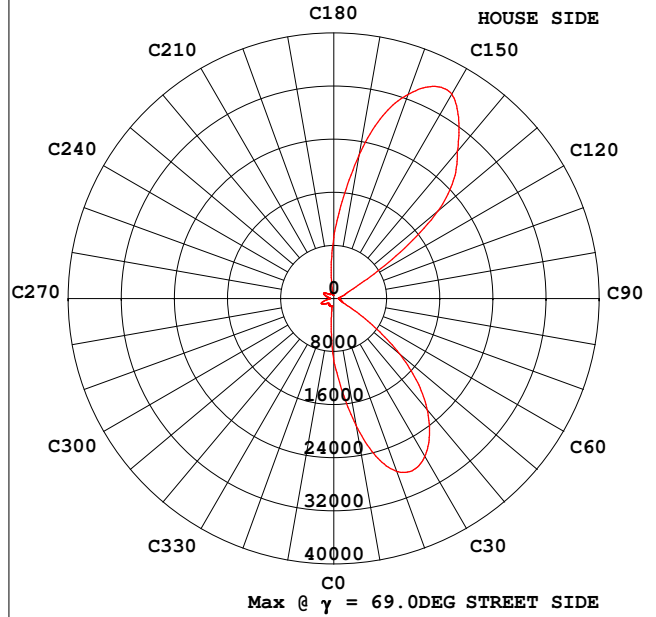


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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: 117.00 lm/W			
MODEL	LYS100	Imax(cd)	35582	η street_up(%)	0.0
NOMINAL POWER(W)	250	LOR(%)	100.0	η street_down(%)	52.5
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	28628	η house_up(%)	0.0
NOMINAL FLUX(lm)	28627.9	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	19.995

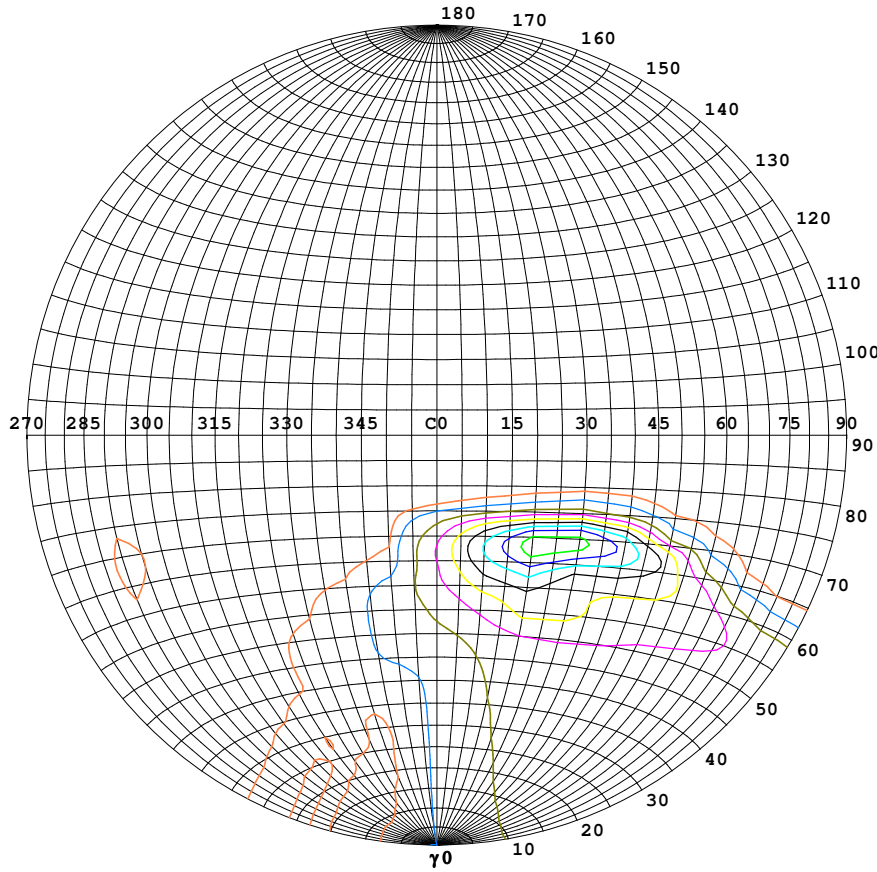
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T3

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

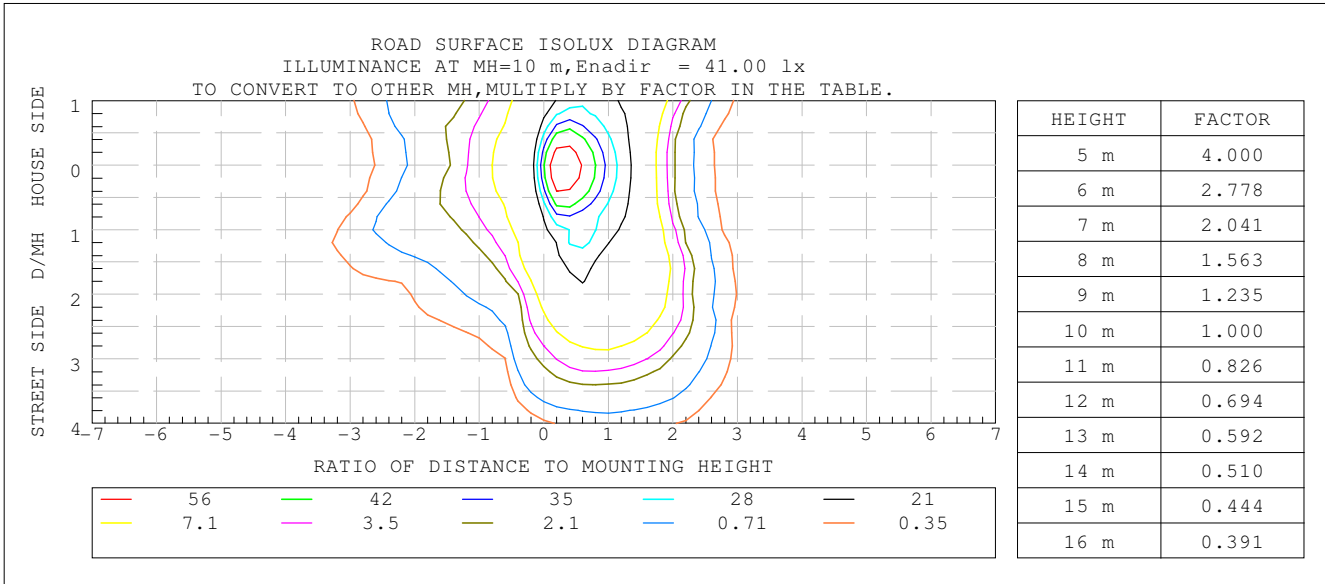
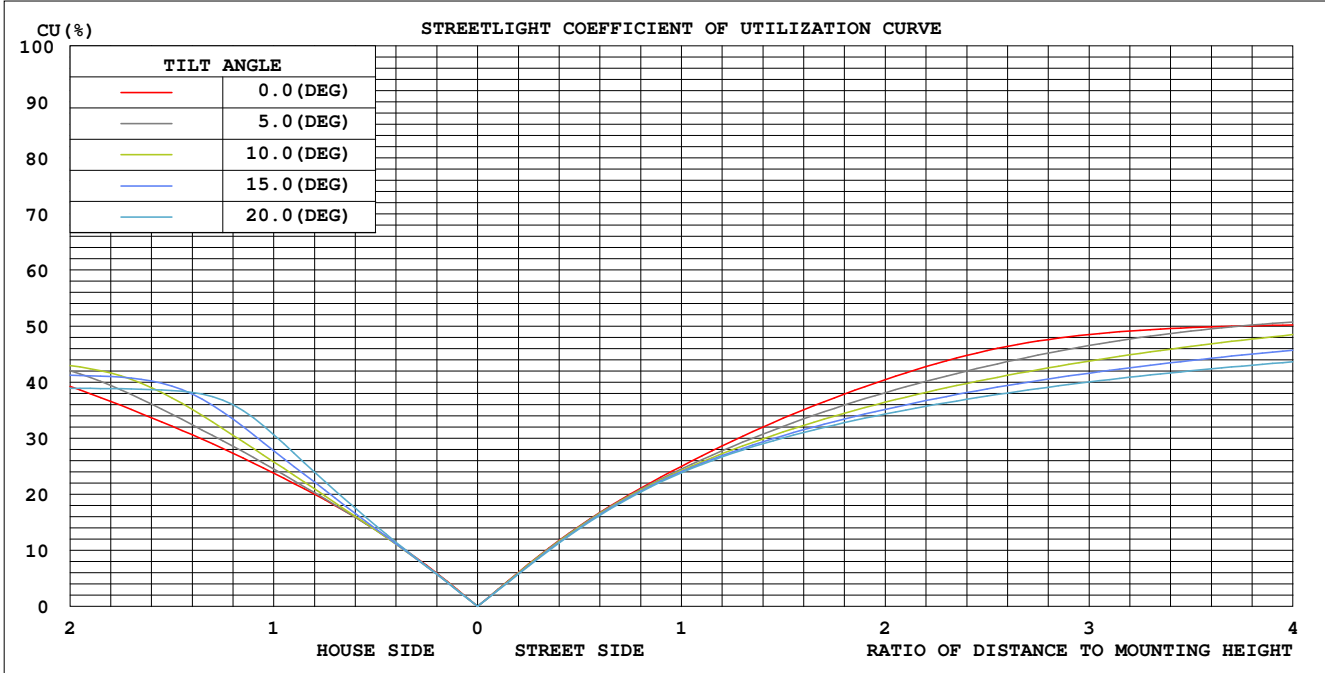
IES:Type III - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:55.28cd/klm
 Max.At90:0.8767cd/klm
 Max.80-90:55.28cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	35582
90%	32024
80%	28465
70%	24907
60%	21349
50%	17791
40%	14233
30%	10675
20%	7116
10%	3558
5%	1779

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-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: LYS100-250W-T3

ZONAL FLUX DIAGRAM

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

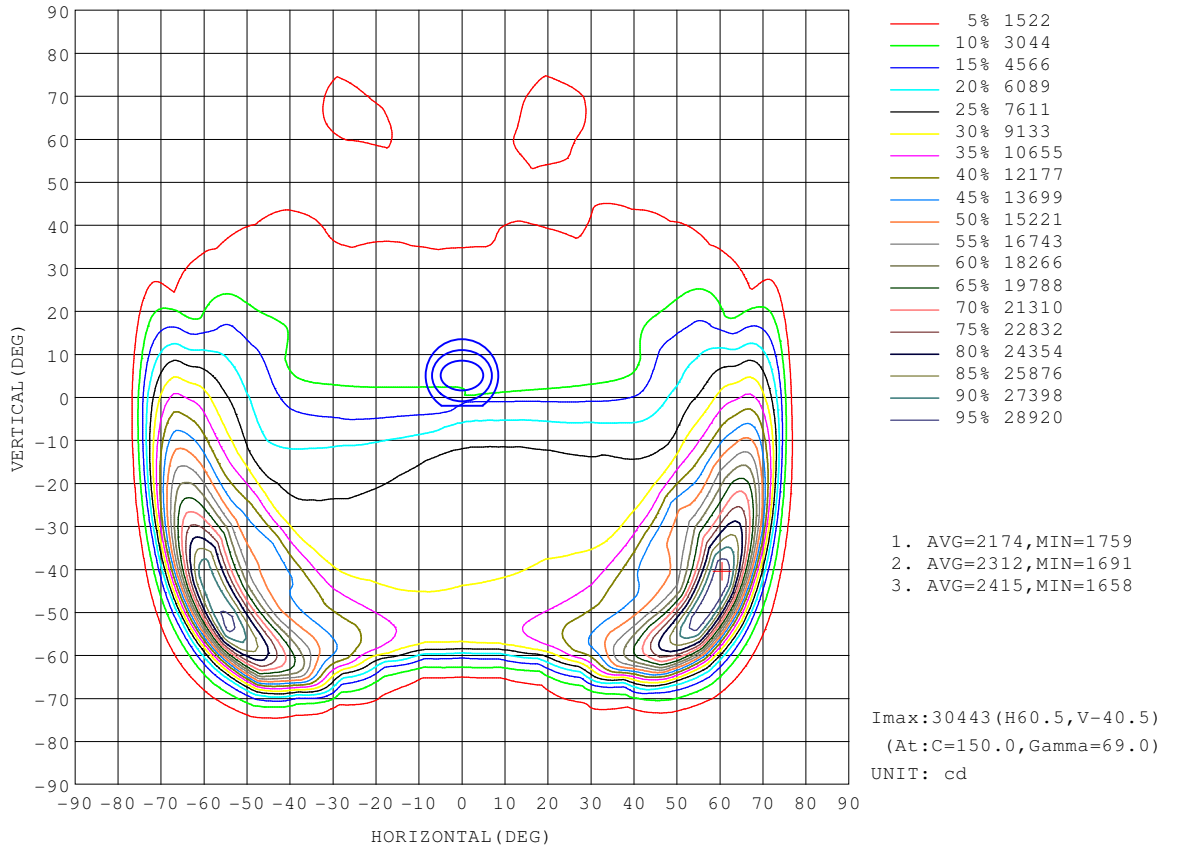
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	381.6	607.7	692.9	660.3	364.9	170.2	165.6	201.3	0- 10	368.5	368.5	1.29,1.29
20	384.3	738.2	819.5	822.5	353.8	160.7	167.8	204.7	10- 20	1226	1595	5.57,5.57
30	391.4	772.1	838.8	878.1	355.3	172.6	156.7	219.8	20- 30	2150	3744	13.1,13.1
40	422.1	801.8	860.0	917.9	383.5	154.8	143.0	191.3	30- 40	3013	6757	23.6,23.6
50	585.5	973.2	943.8	1167	567.3	140.6	123.2	180.8	40- 50	4137	10894	38.1,38.1
60	876.3	1333	504.2	1627	891.7	127.5	97.92	158.4	50- 60	6220	17115	59.8,59.8
70	871.5	1543	70.03	2412	855.6	93.65	71.59	116.8	60- 70	7875	24990	87.3,87.3
80	36.52	67.46	10.04	117.0	36.44	36.01	21.19	55.22	70- 80	3467	28457	99.4,99.4
90	0.5910	0.3527	0.5241	0.8300	0.6757	1.114	0.3429	2.196	80- 90	171.3	28628	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-T3

ISOCANDELA DIAGRAM

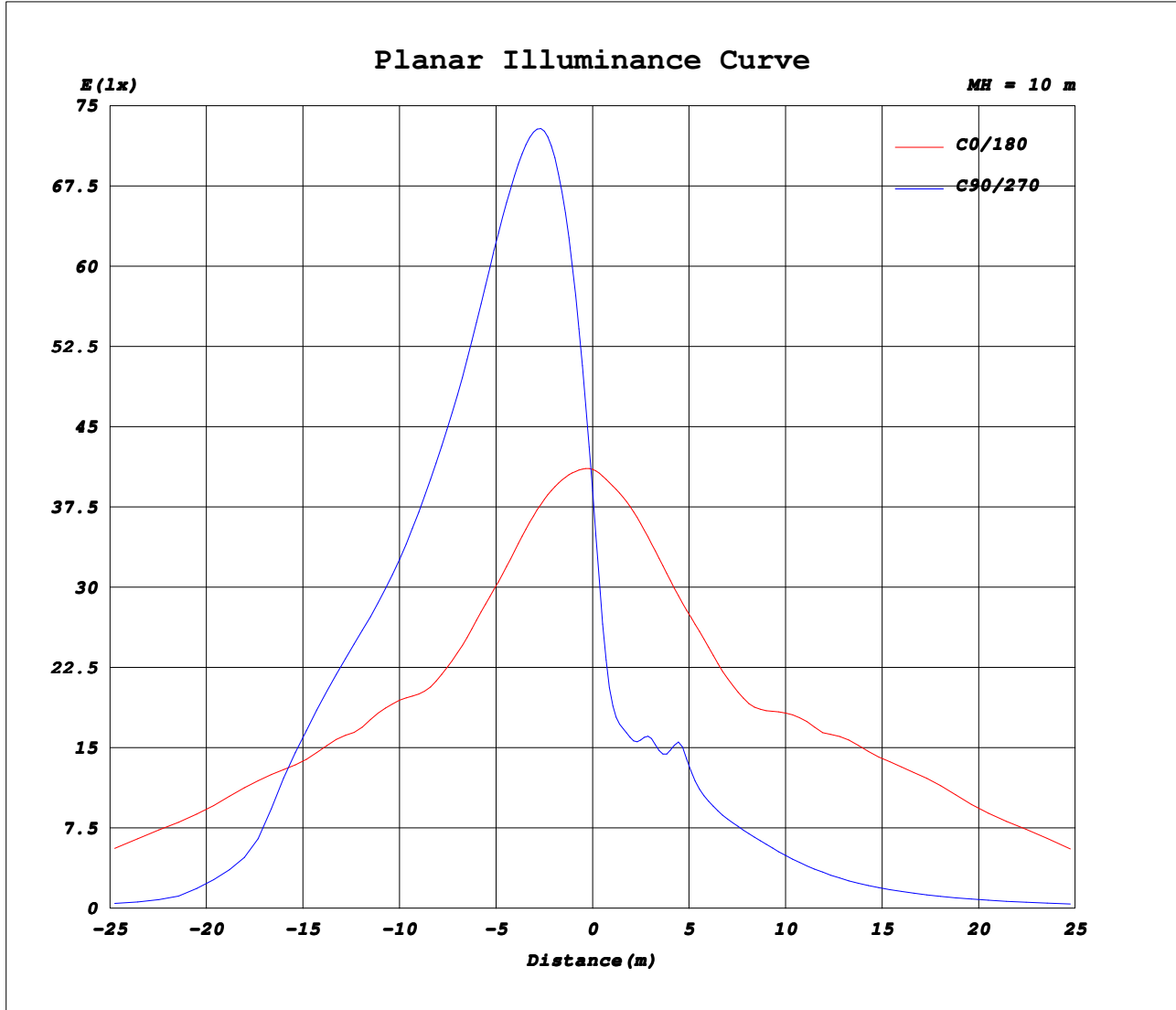
Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:250W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T3

Planar Illuminance Curve



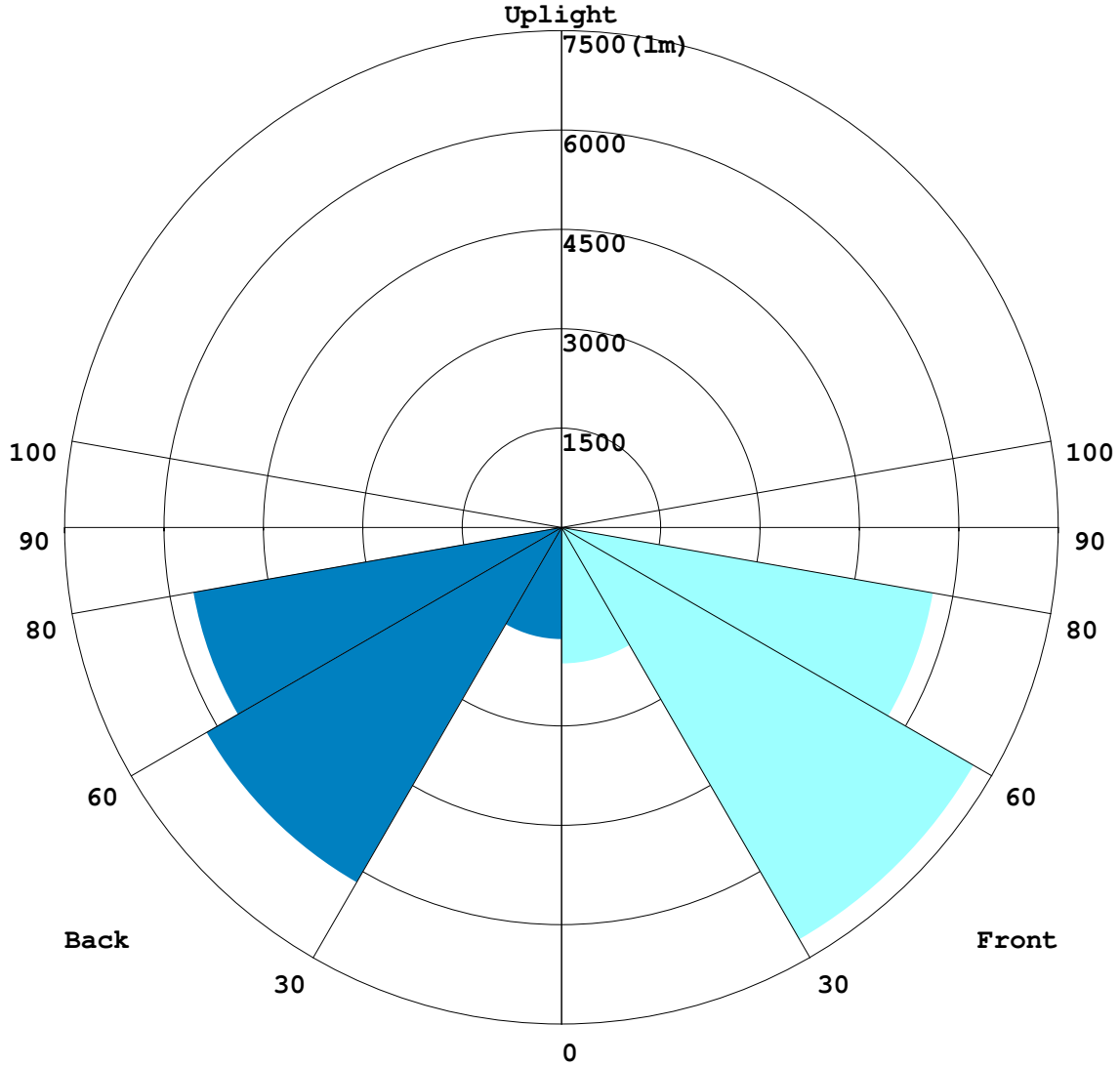
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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: LYS100-250W-T3

LCS REPORT

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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-T3

BUG REPORT

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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)	2055.1	7.2
FM - Front-Medium(30-60)	7181.8	25.1
FH - Front-High(60-80)	5698.3	19.9
FVH - Front-Very High(80-90)	90.328	0.3
Total Forward Light	15026	52.5

BL - Back-Low(0-30)	1689.2	5.9
BM - Back-Medium(30-60)	6188.3	21.6
BH - Back-High(60-80)	5643.7	19.7
BVH - Back-Very High(80-90)	80.985	0.3
Total Back Light	13602	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	13602	0	13602
Street Side	15026	0	15026

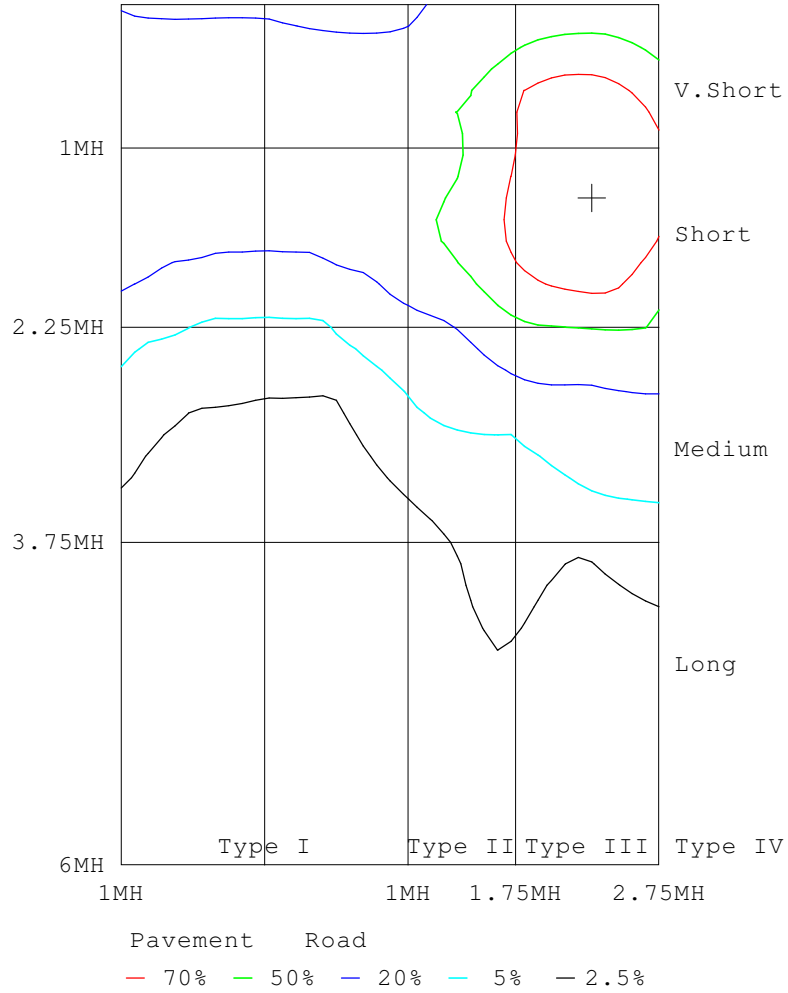
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 13.07.2020

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-T3

ROAD ISOCANDELA REPORT

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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-T3

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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

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-T3

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:1.0788A P:244.68W PF:0.9845 Freq:50.01Hz Lamp Flux:28627.9x1 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

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-T3