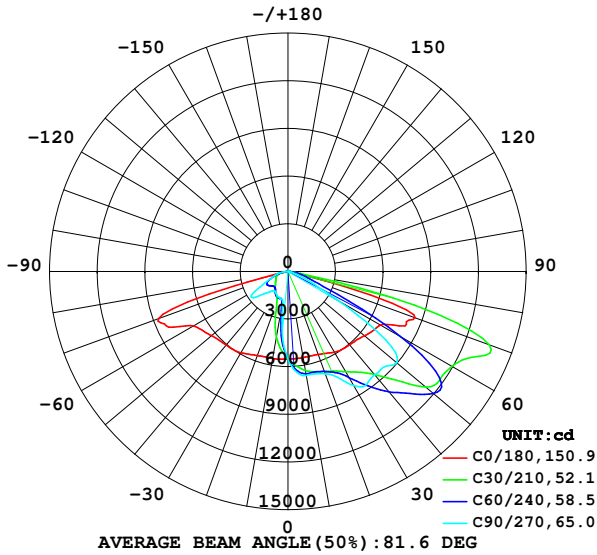
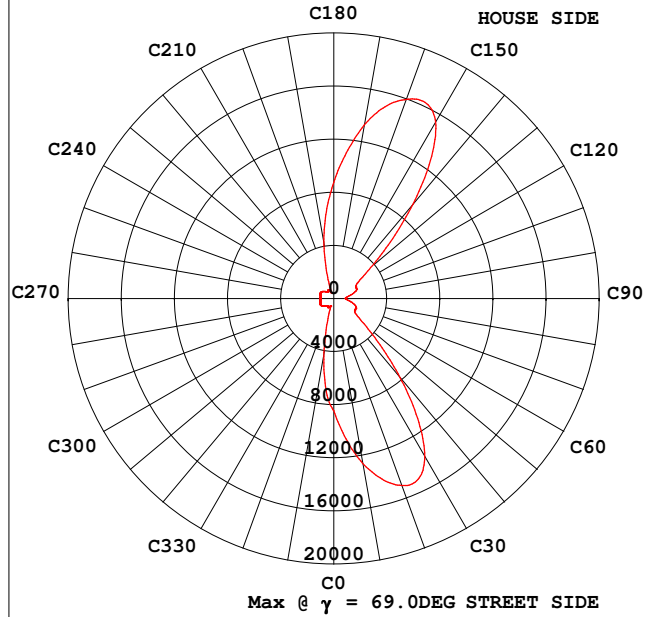


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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: 123.96 lm/W			
MODEL	LYS100	Imax(cd)	15955	η street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	52.2
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	24454	η house_up(%)	0.0
NOMINAL FLUX(lm)	24453.9	MAXIMUM @ (C, γ)	160,69.0	η house_down(%)	47.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	230	η down(%)	100.0	SLI	19.342

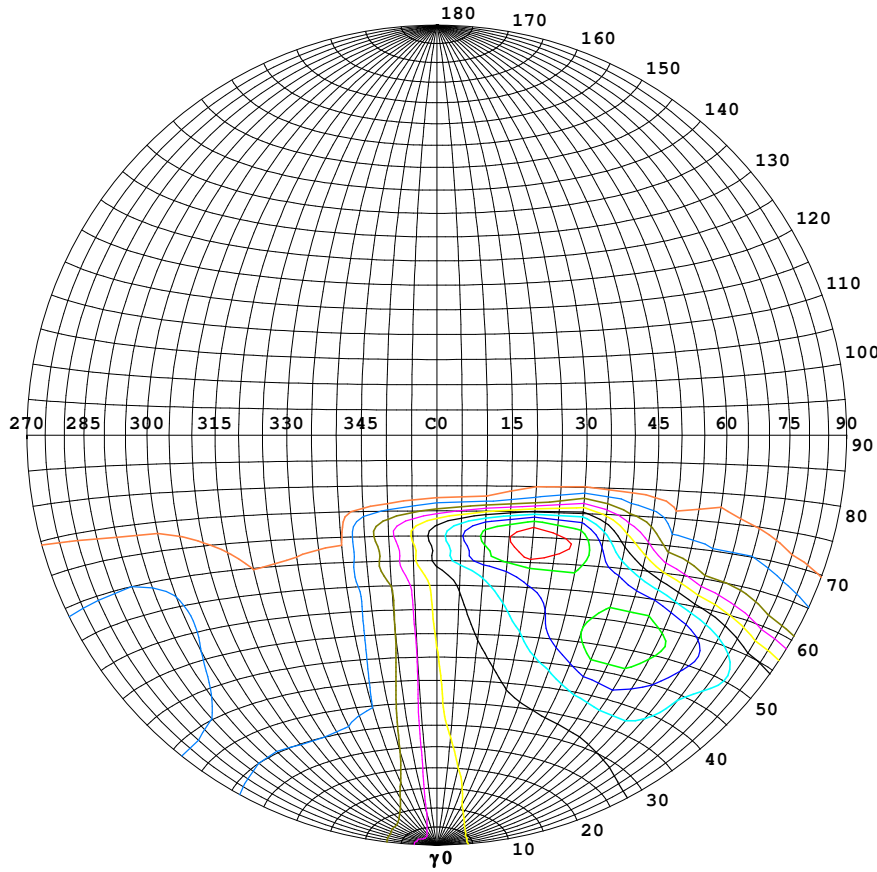
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-200W-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

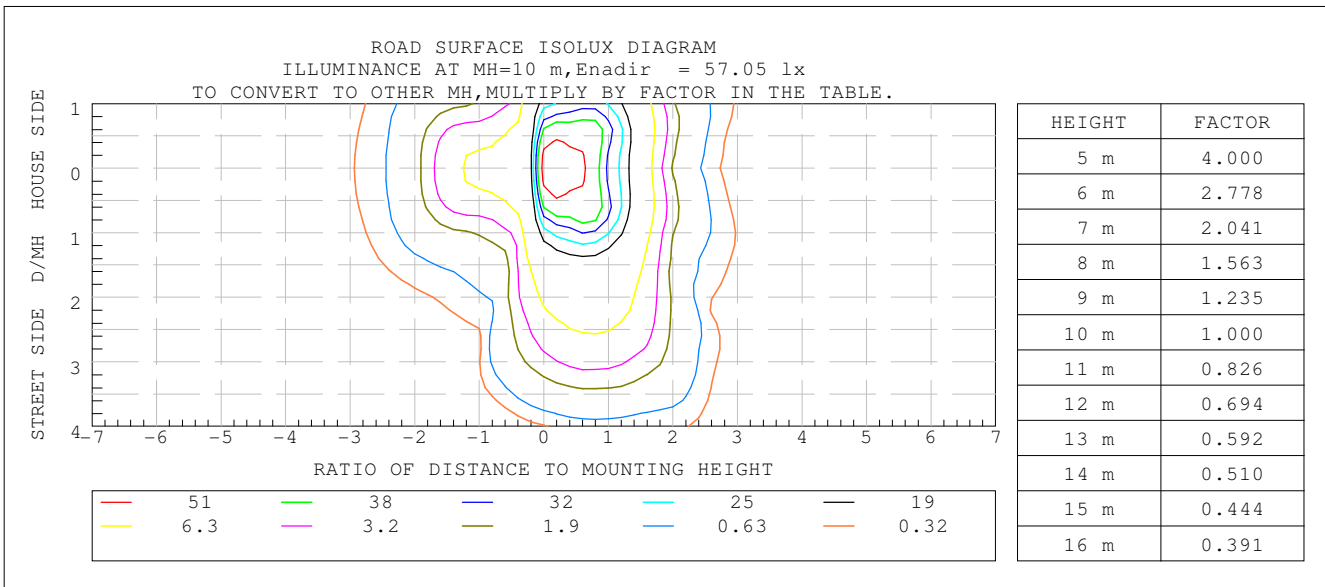
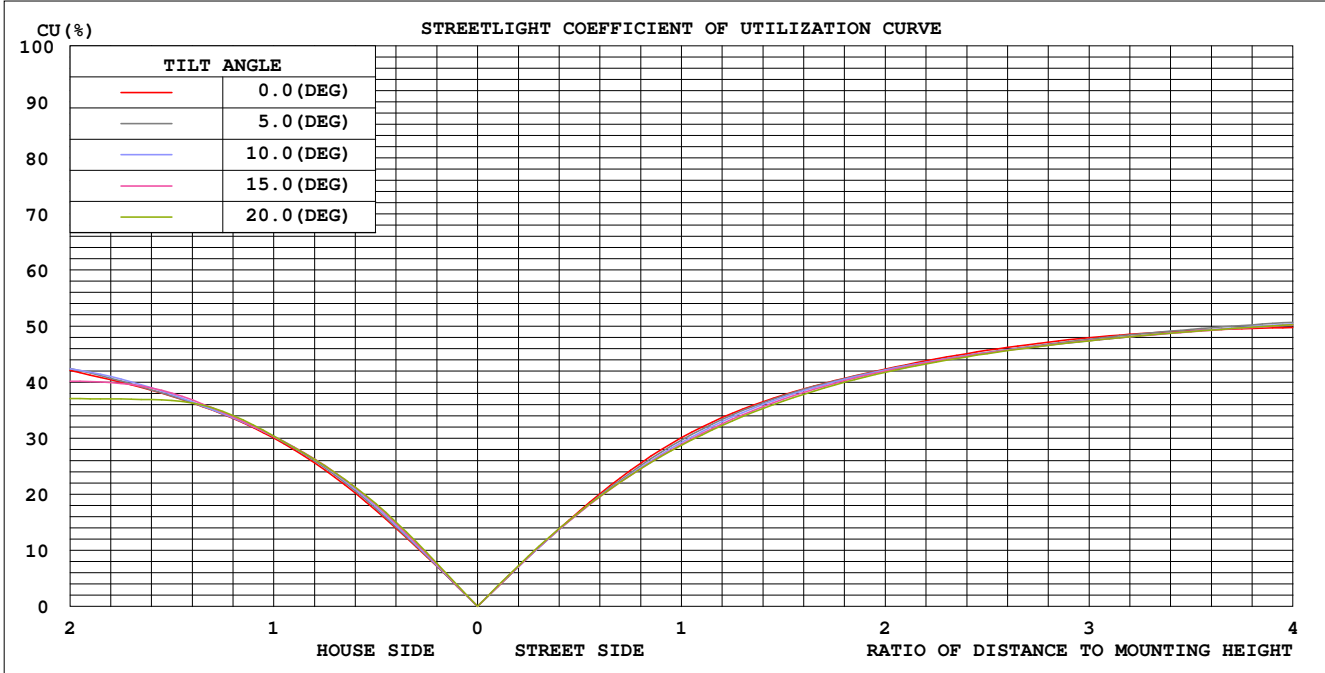
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:40.69cd/klm
 Max.At90:0.5143cd/klm
 Max.80-90:40.69cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15955
90%	14360
80%	12764
70%	11169
60%	9573
50%	7978
40%	6382
30%	4787
20%	3191
10%	1596
5%	798

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: LYS100-200W-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: LYS100-200W-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

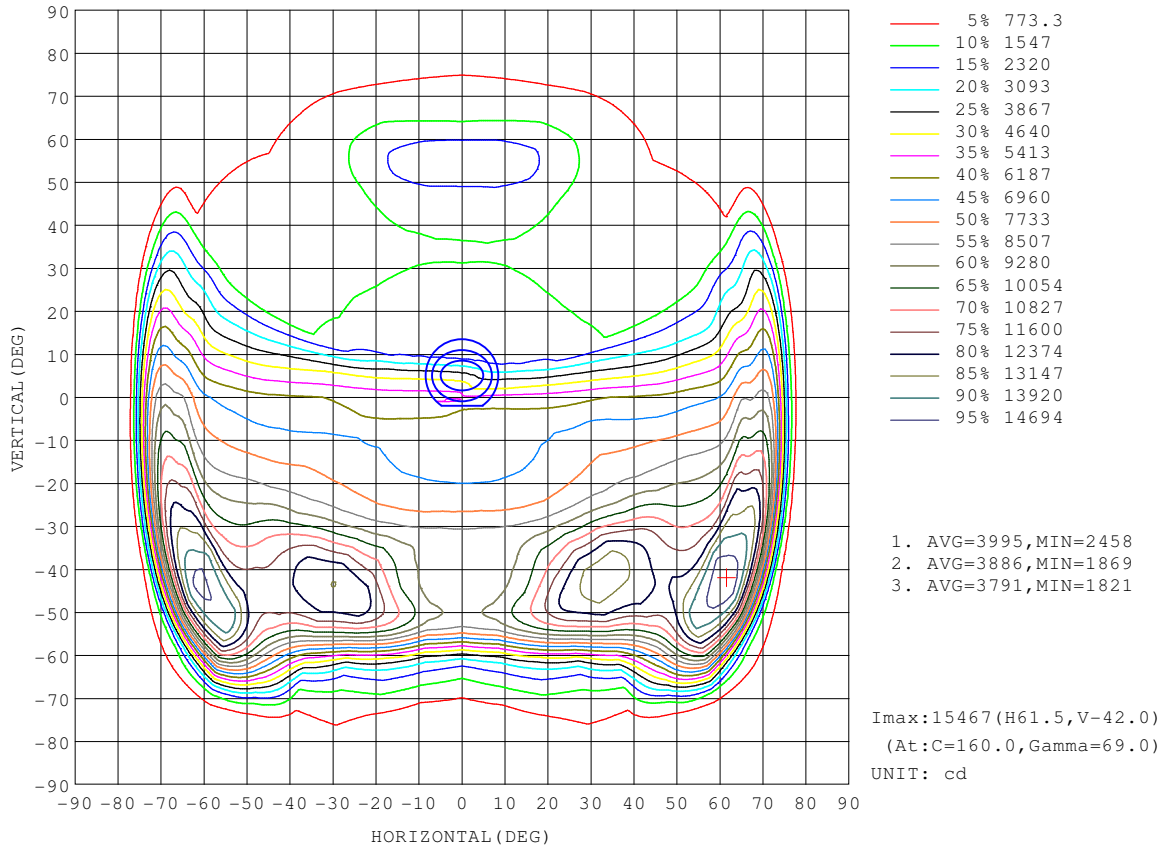
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	551.1	648.8	664.6	686.5	557.2	325.7	196.9	269.8	0- 10	495.8	495.8	2.03,2.03
20	556.6	668.0	686.2	720.4	564.2	176.8	172.7	189.6	10- 20	1324	1820	7.44,7.44
30	586.9	741.4	829.1	788.5	591.5	161.6	154.4	166.8	20- 30	2191	4011	16.4,16.4
40	603.2	979.8	850.3	1000	605.5	121.4	163.1	126.4	30- 40	3224	7235	29.6,29.6
50	630.1	1309	893.9	1340	628.8	107.4	242.1	113.6	40- 50	4505	11740	48,48
60	675.1	1140	354.3	1210	687.1	97.42	222.9	104.1	50- 60	5477	17216	70.4,70.4
70	851.7	482.9	74.55	578.6	865.2	73.53	99.63	78.34	60- 70	4763	21979	89.9,89.9
80	25.33	56.77	7.818	56.65	23.71	31.23	41.61	31.40	70- 80	2347	24326	99.5,99.5
90	0.5734	0.2388	0.3939	0.4471	0.6231	0.6171	0.3025	1.080	80- 90	127.8	24454	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: LYS100-200W-T3-M

ISOCANDELA DIAGRAM

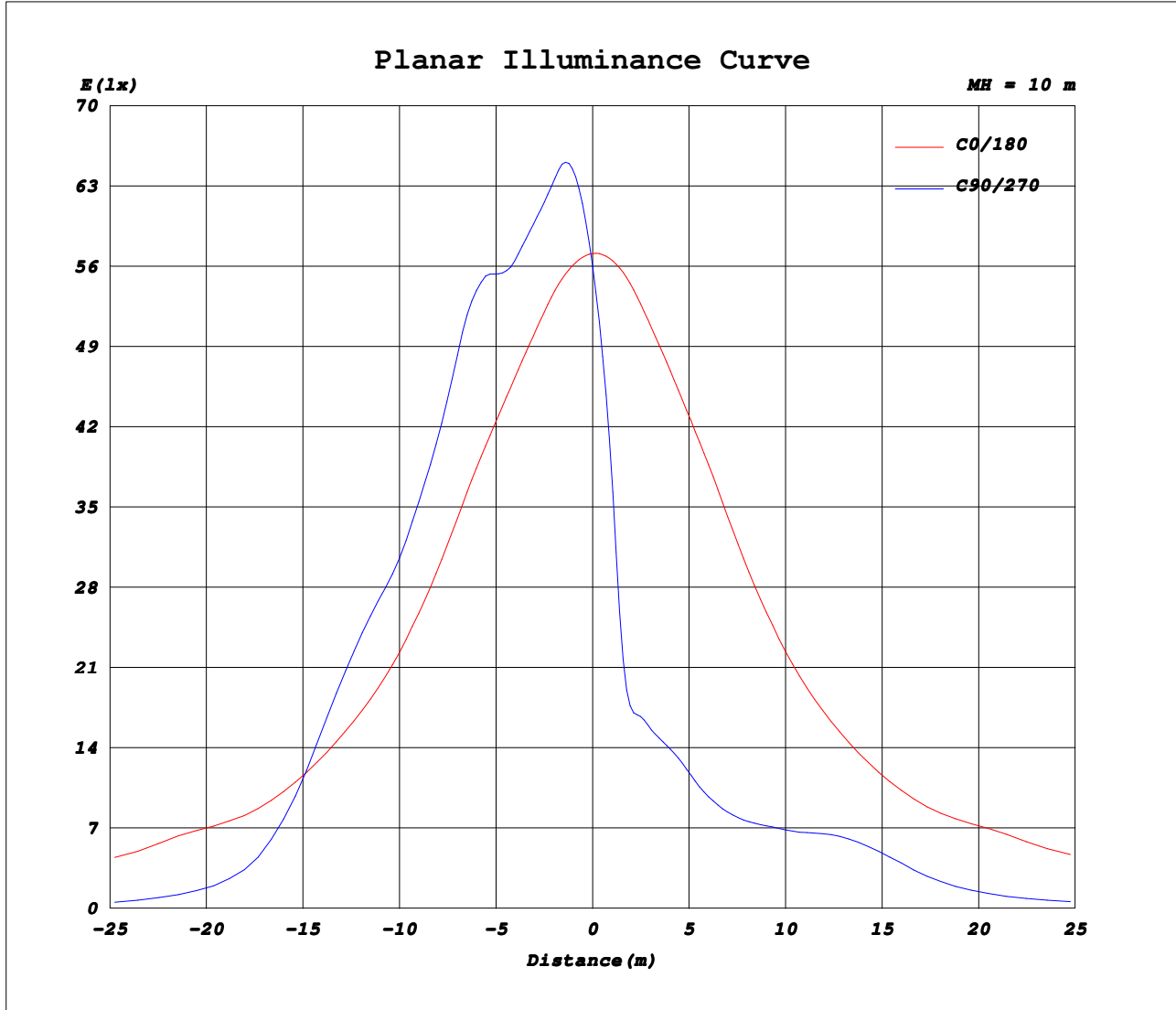
Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 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: LYS100-200W-T3-M

Planar Illuminance Curve



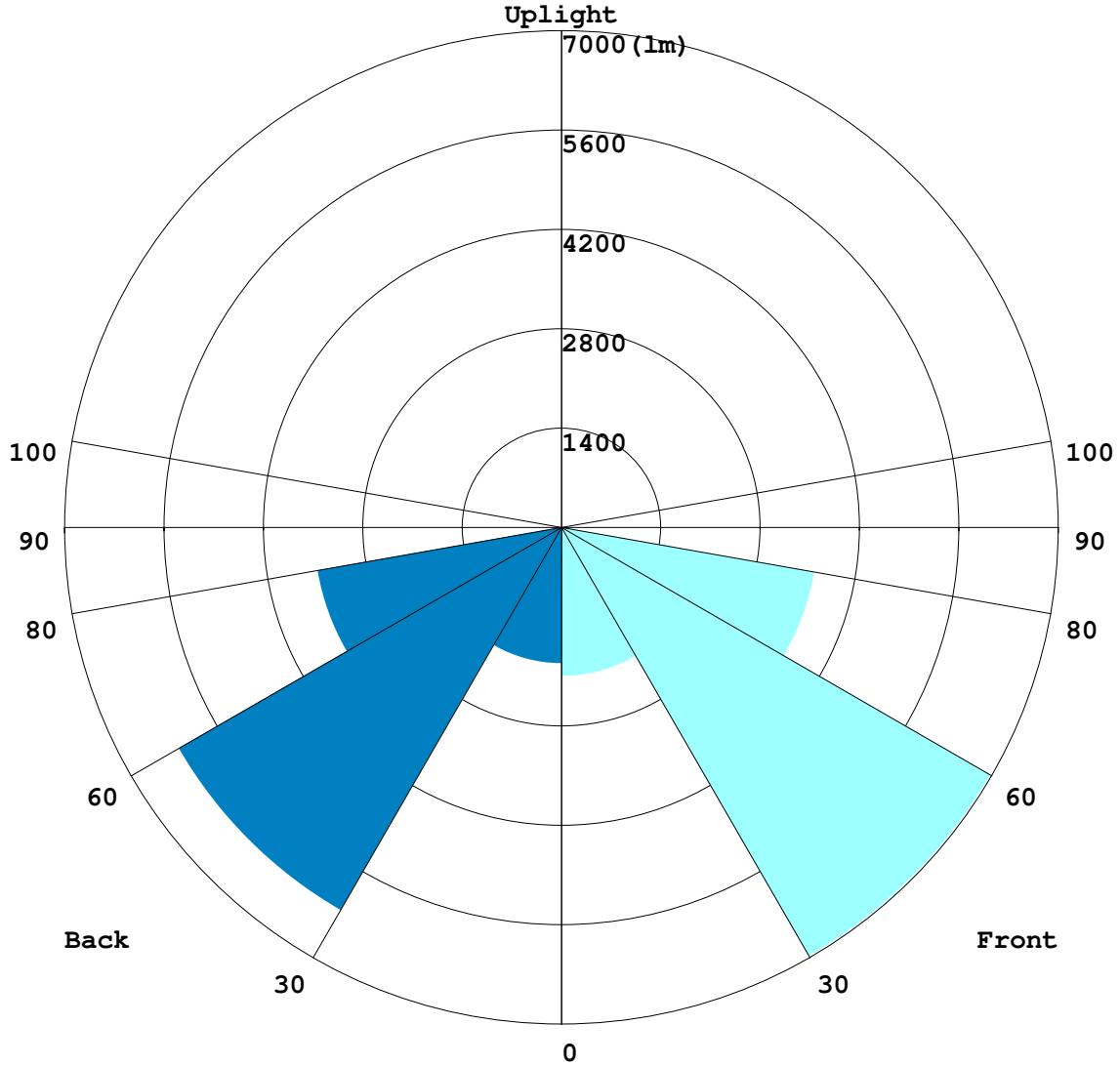
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-200W-T3-M

LCS REPORT

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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: 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: LYS100-200W-T3-M

BUG REPORT

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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)	2096.5	8.6
FM - Front-Medium(30-60)	6978.1	28.5
FH - Front-High(60-80)	3620.3	14.8
FVH - Front-Very High(80-90)	67.065	0.3
Total Forward Light	12762	52.2

BL - Back-Low(0-30)	1914.6	7.8
BM - Back-Medium(30-60)	6227.1	25.5
BH - Back-High(60-80)	3489.6	14.3
BVH - Back-Very High(80-90)	60.707	0.2
Total Back Light	11692	47.8

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	11692	0	11692
Street Side	12762	0	12762

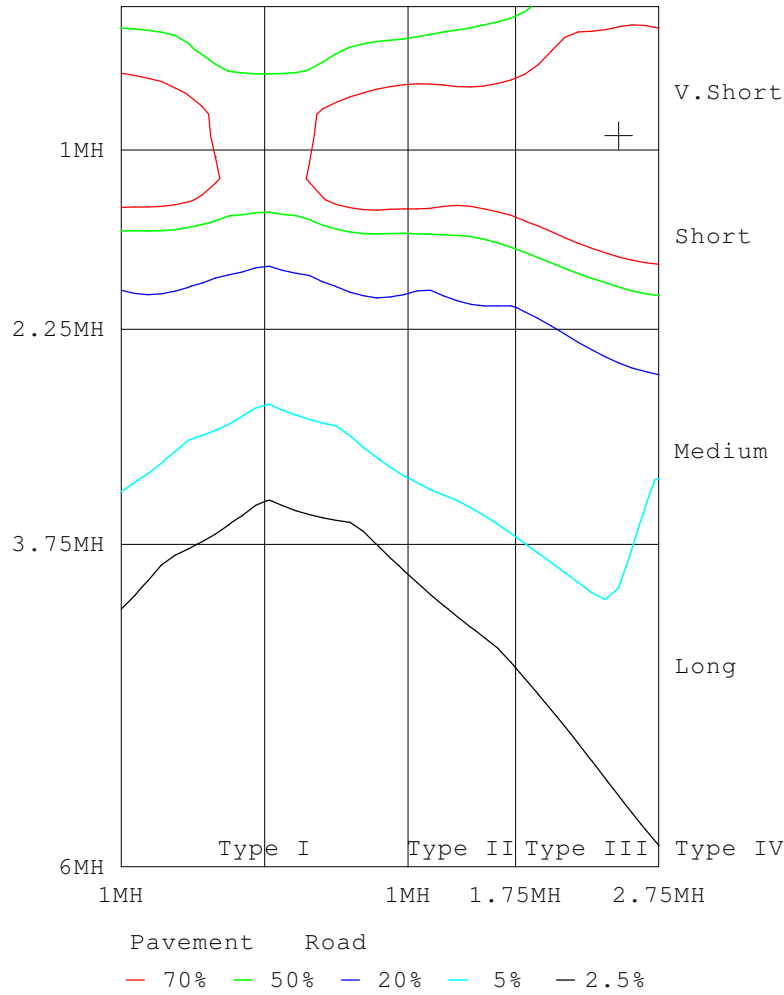
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-200W-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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: 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: LYS100-200W-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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: 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: LYS100-200W-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.33V I:0.8754A P:197.28W PF:0.9784 Freq:50.01Hz Lamp Flux:24453.9x1 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: 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: LYS100-200W-T3-M