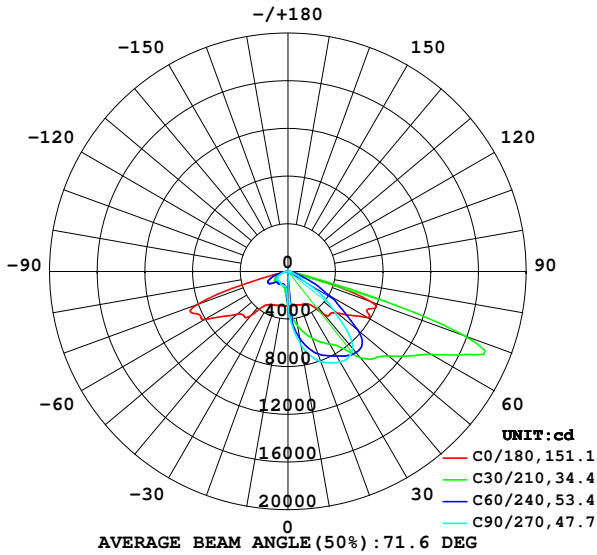
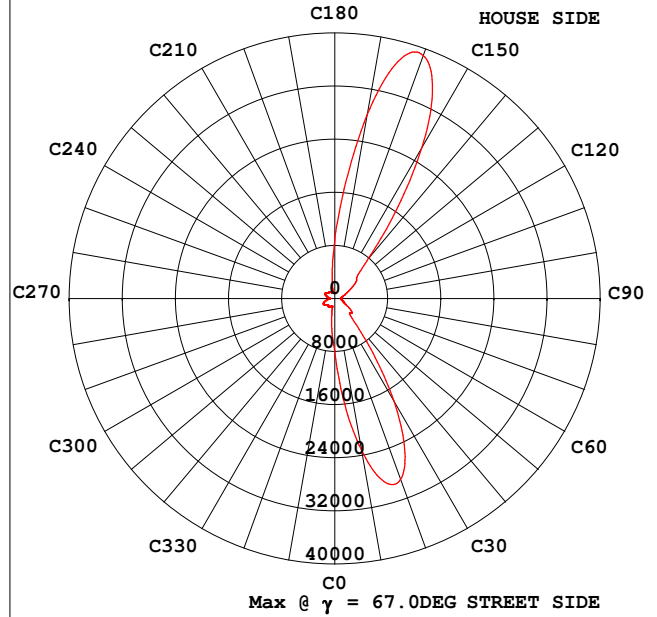


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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: 122.56 lm/W			
MODEL	LYS100	I _{max} (cd)	38963	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	51.5
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	24237	η house_up (%)	0.0
NOMINAL FLUX (lm)	24236.6	MAXIMUM @ (C, γ)	160,67.0	η house_down (%)	48.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.250

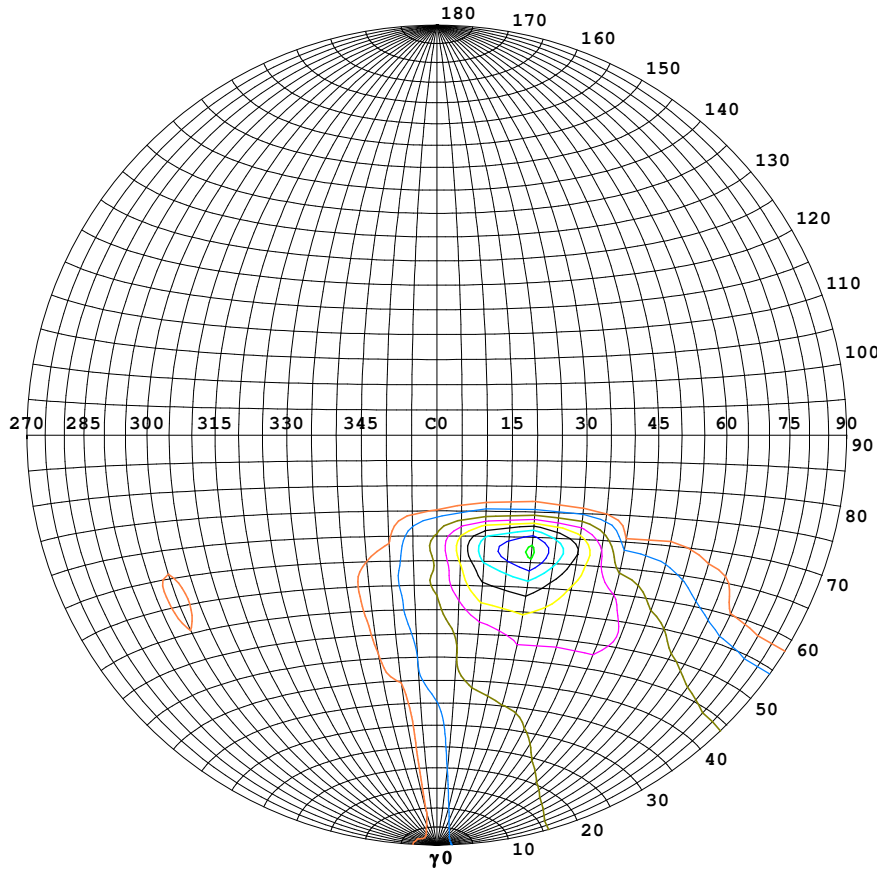
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T2-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

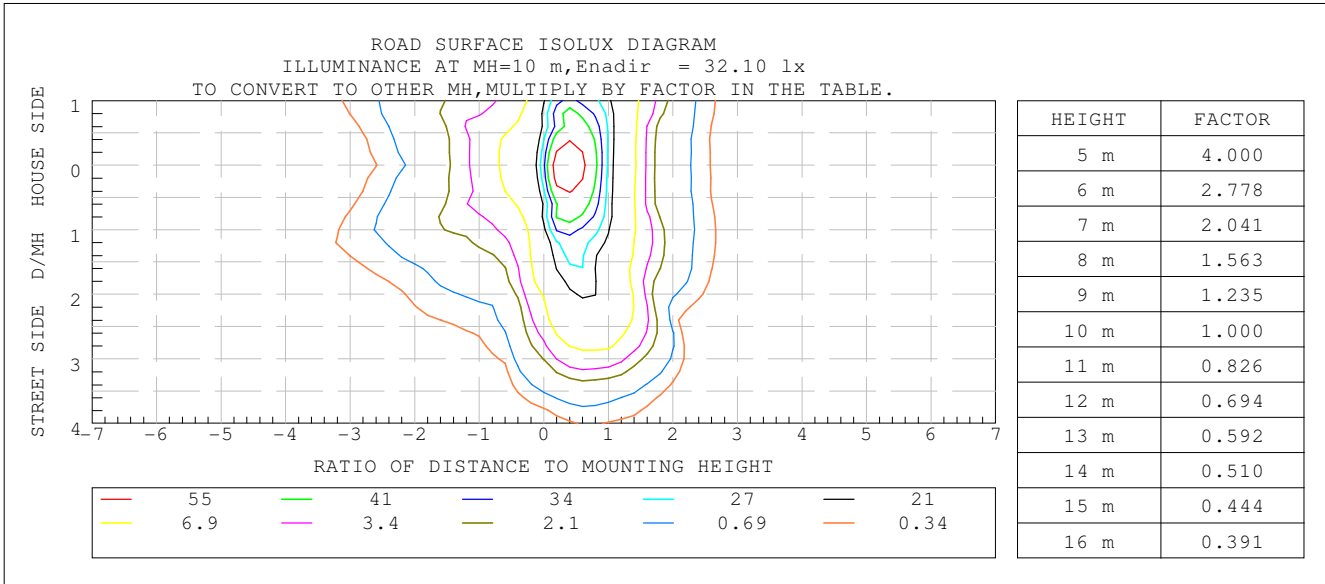
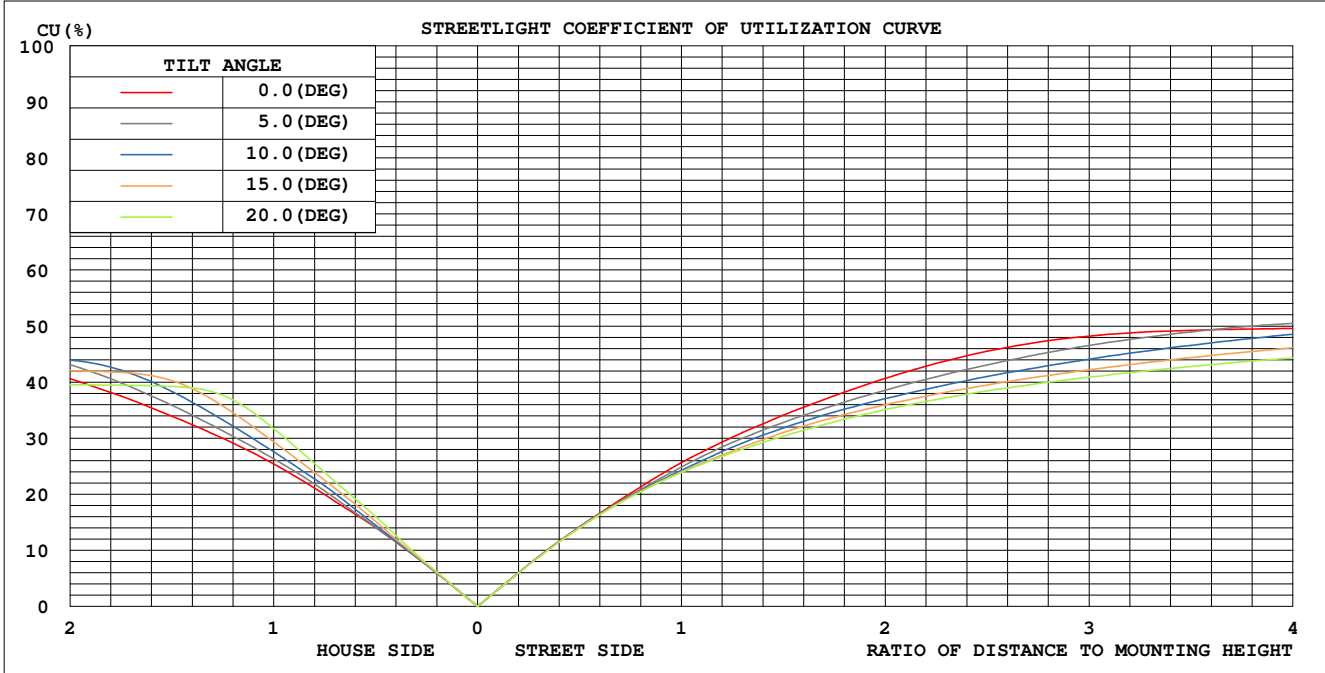
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:31.44cd/klm
 Max.At90:0.6489cd/klm
 Max.80-90:31.44cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	38963
90%	35066
80%	31170
70%	27274
60%	23378
50%	19481
40%	15585
30%	11689
20%	7793
10%	3896
5%	1948

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

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: LYS100-200W-T2-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-T2-M

ZONAL FLUX DIAGRAM

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

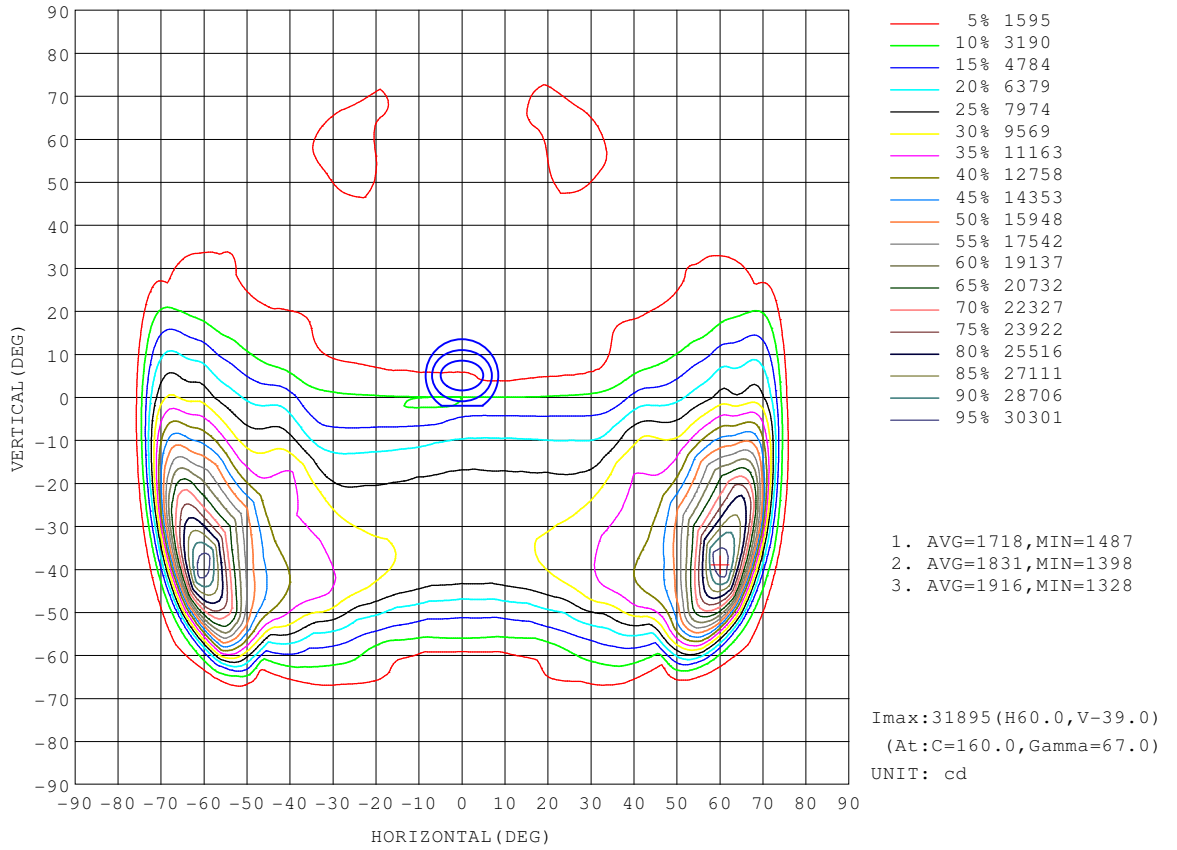
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	290.5	521.1	619.4	586.8	293.0	137.8	137.4	170.0	0- 10	302.9	302.9	1.25,1.25
20	298.2	686.1	804.6	810.9	303.0	117.8	125.0	148.6	10- 20	1080	1383	5.71,5.71
30	314.9	782.6	876.8	957.2	322.7	115.6	122.0	146.3	20- 30	2005	3388	14,14
40	469.7	935.3	846.0	1158	482.2	125.9	113.3	152.7	30- 40	3094	6482	26.7,26.7
50	544.1	1051	496.3	1341	560.2	120.9	115.1	152.3	40- 50	4318	10800	44.6,44.6
60	774.9	841.7	136.8	1159	808.4	139.7	100.0	172.3	50- 60	5121	15921	65.7,65.7
70	739.7	220.4	56.65	335.3	808.7	119.3	65.43	132.7	60- 70	6016	21938	90.5,90.5
80	22.93	28.07	8.210	36.35	22.69	32.24	20.44	35.24	70- 80	2186	24124	99.5,99.5
90	0.5725	0.2244	0.4778	0.4611	0.6193	0.5640	0.2585	1.286	80- 90	112.4	24237	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-T2-M

ISOCANDELA DIAGRAM

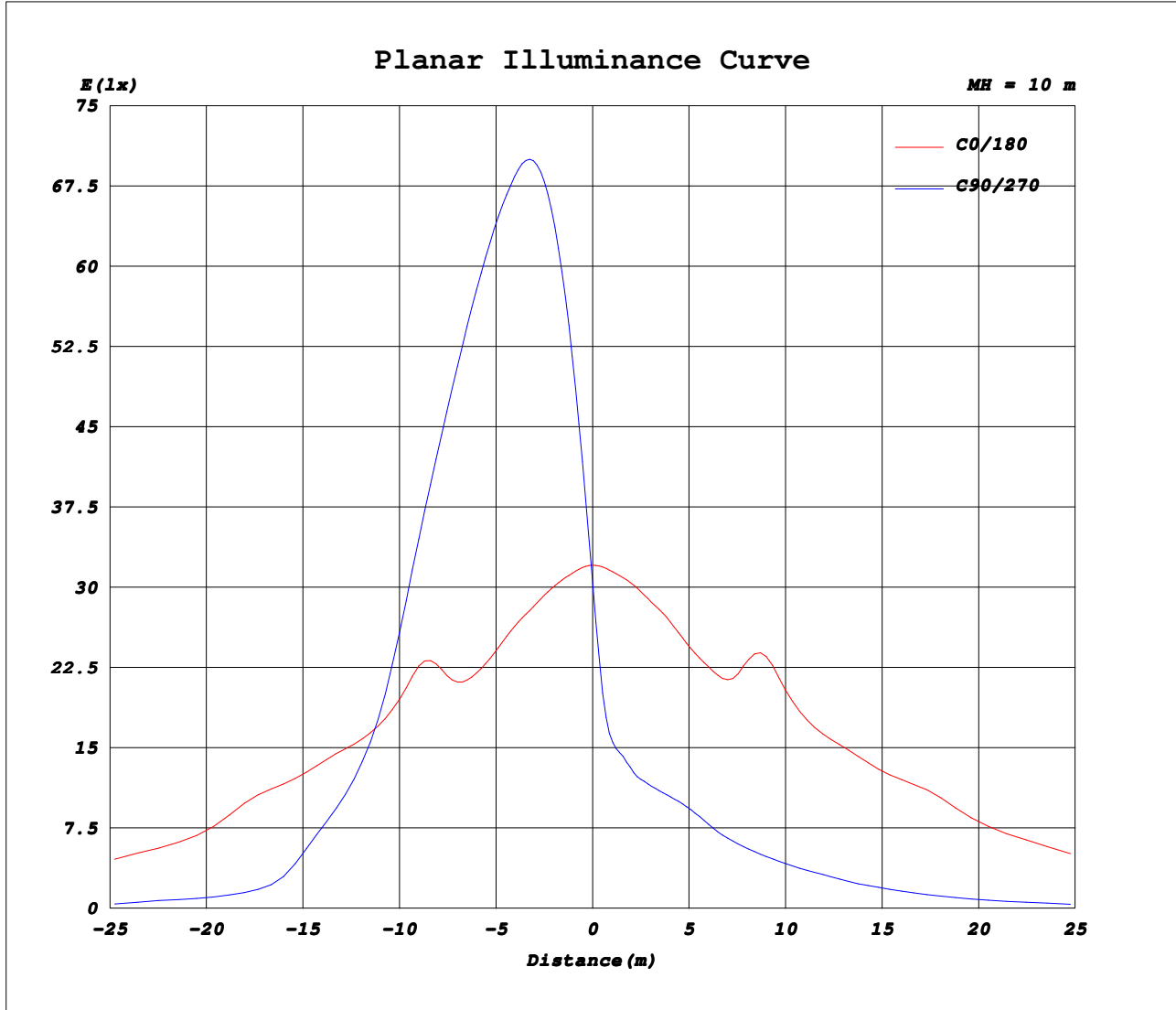
Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T2-M

Planar Illuminance Curve



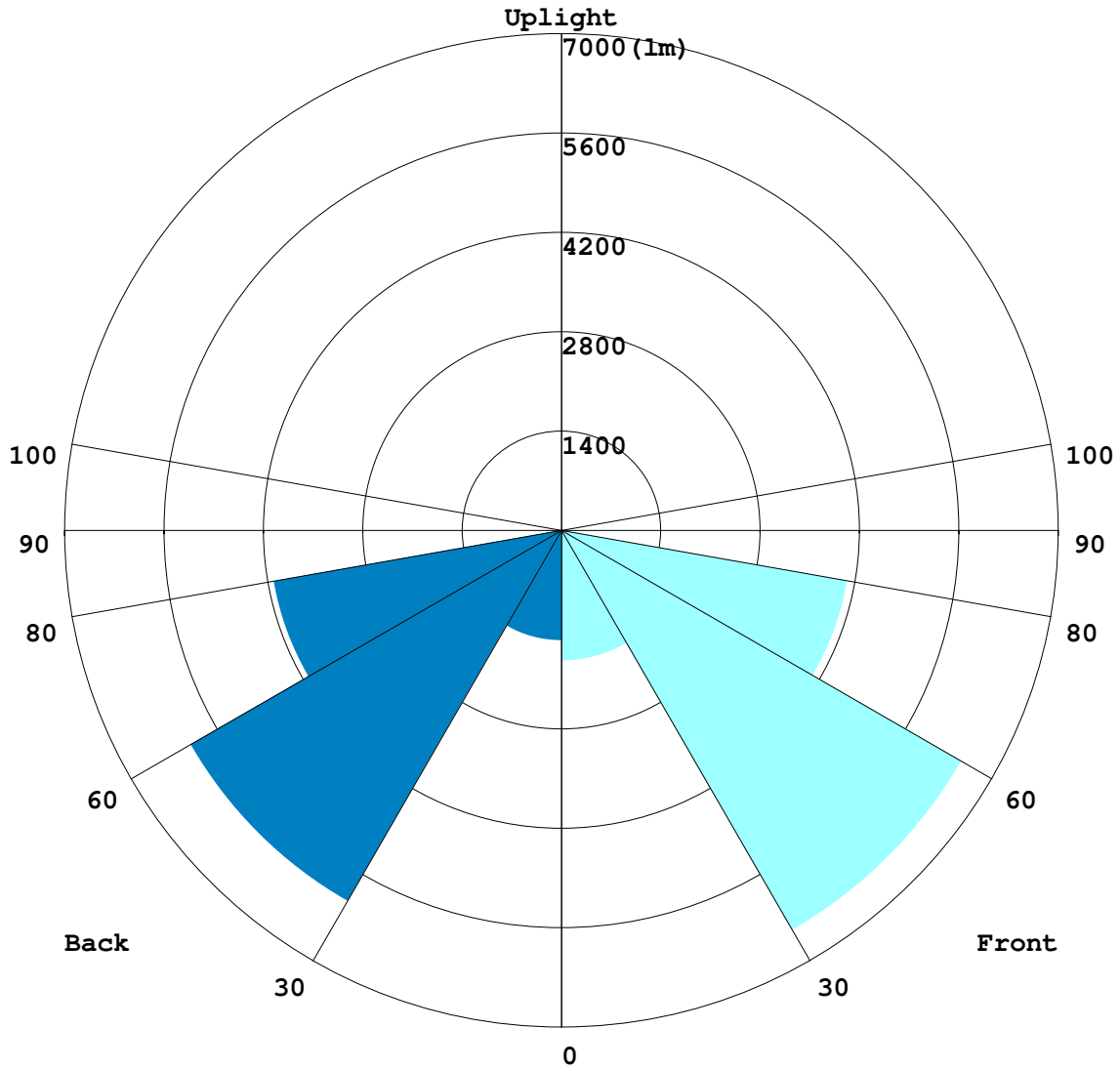
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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-T2-M

LCS REPORT

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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-T2-M

BUG REPORT

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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)	1838	7.6
FM - Front-Medium(30-60)	6500.4	26.8
FH - Front-High(60-80)	4087.9	16.9
FVH - Front-Very High(80-90)	58.088	0.2
Total Forward Light	12484	51.5

BL - Back-Low(0-30)	1549.5	6.4
BM - Back-Medium(30-60)	6033.5	24.9
BH - Back-High(60-80)	4114.9	17.0
BVH - Back-Very High(80-90)	54.345	0.2
Total Back Light	11752	48.5

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	B4-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11752	0	11752
Street Side	12484	0	12484

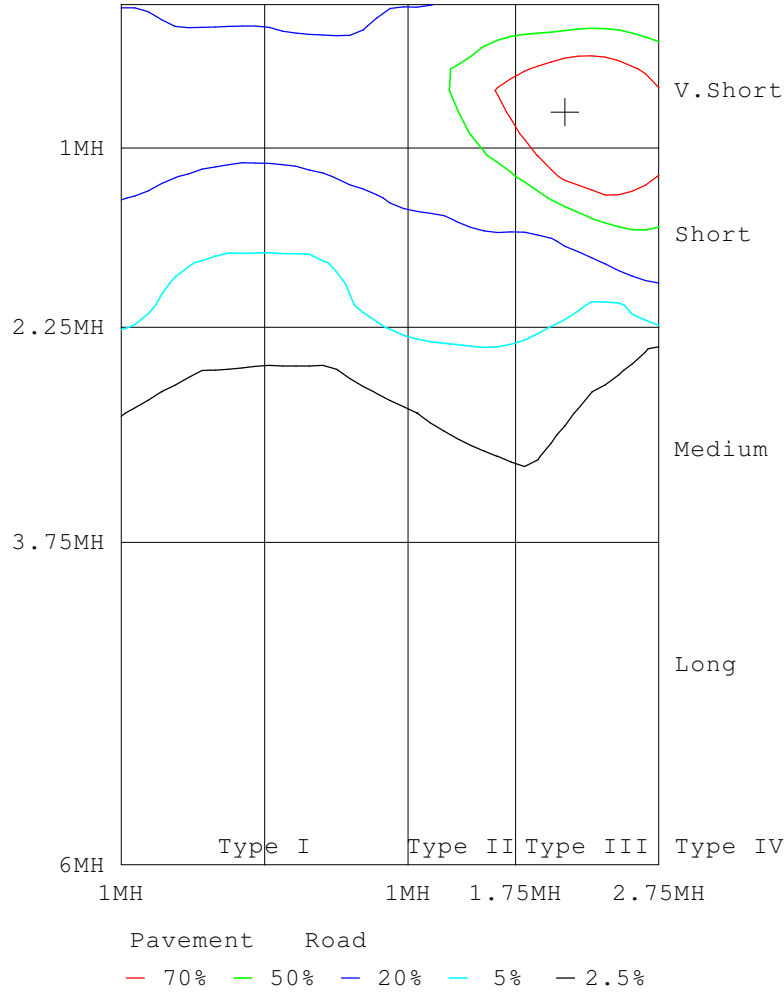
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:12.07.2020

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-T2-M

ROAD ISOCANDELA REPORT

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.43V I:0.8769A P:197.76W PF:0.9787 Freq:50.01Hz Lamp Flux:24236.6x1 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-T2-M