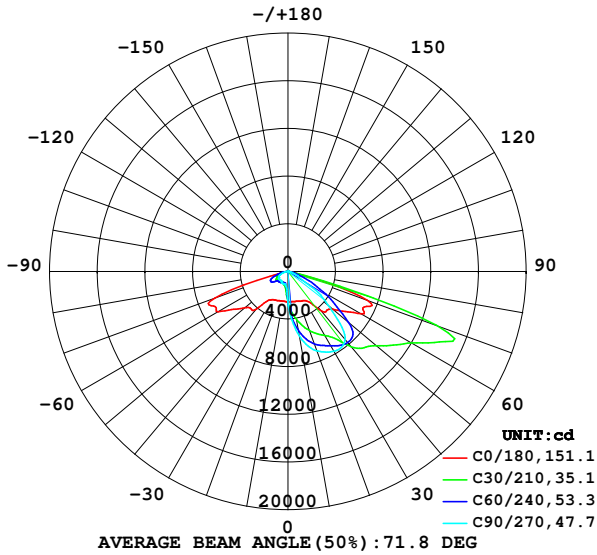
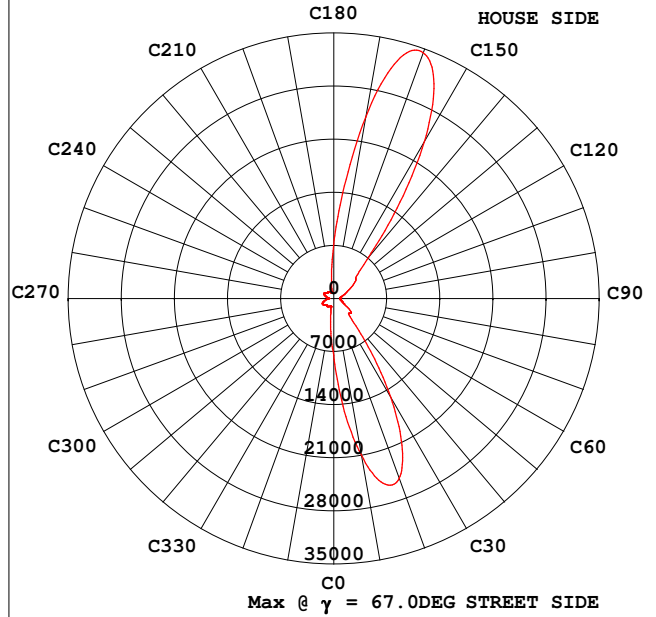


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.14 lm/W			
MODEL	LYS100	Imax(cd)	34475	η street_up(%)	0.0
NOMINAL POWER(W)	170	LOR(%)	100.0	η street_down(%)	51.7
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	21364	η house_up(%)	0.0
NOMINAL FLUX(lm)	21364	MAXIMUM @ (C, γ)	160,67.0	η house_down(%)	48.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	230	η down(%)	100.0	SLI	19.209

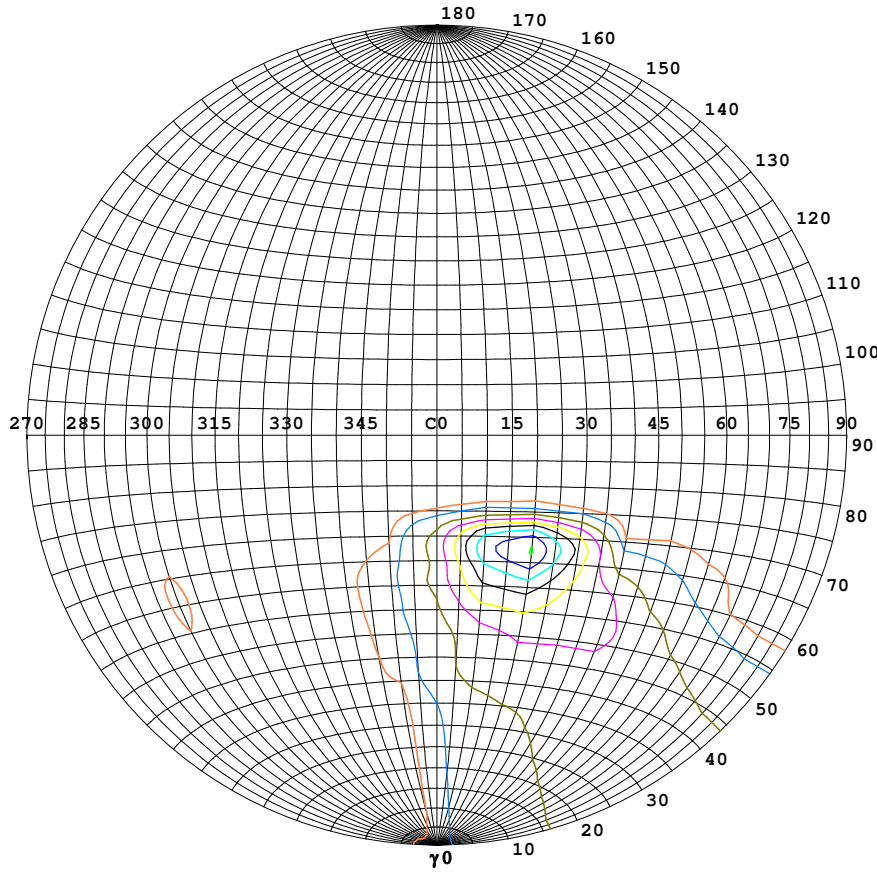
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-170W-T2-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

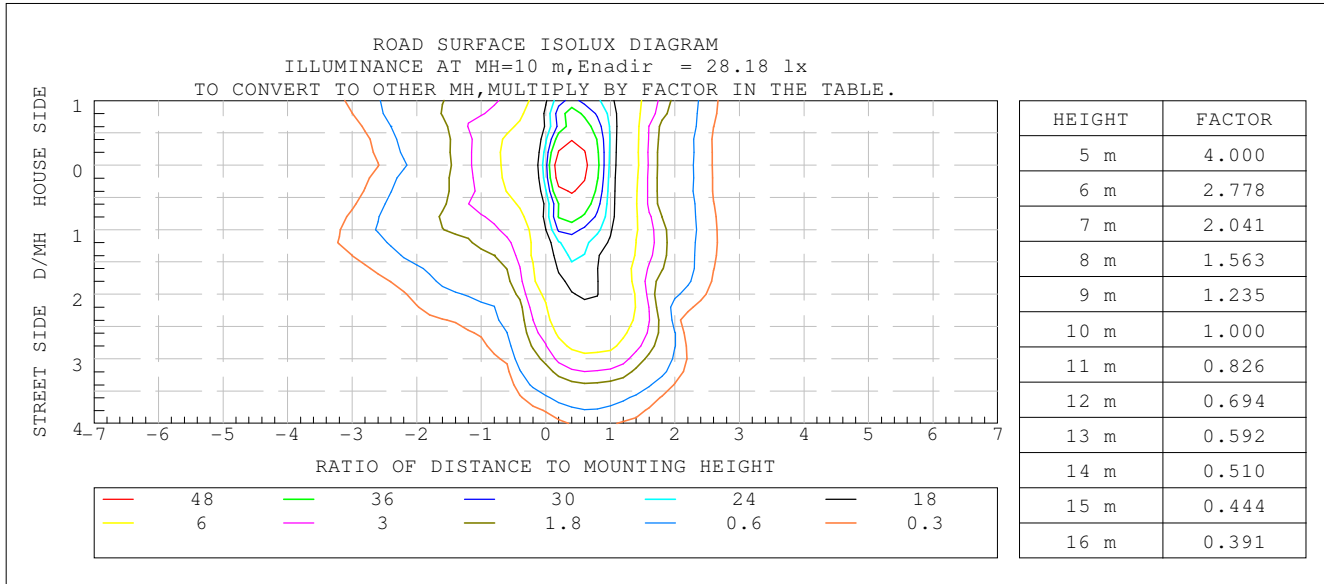
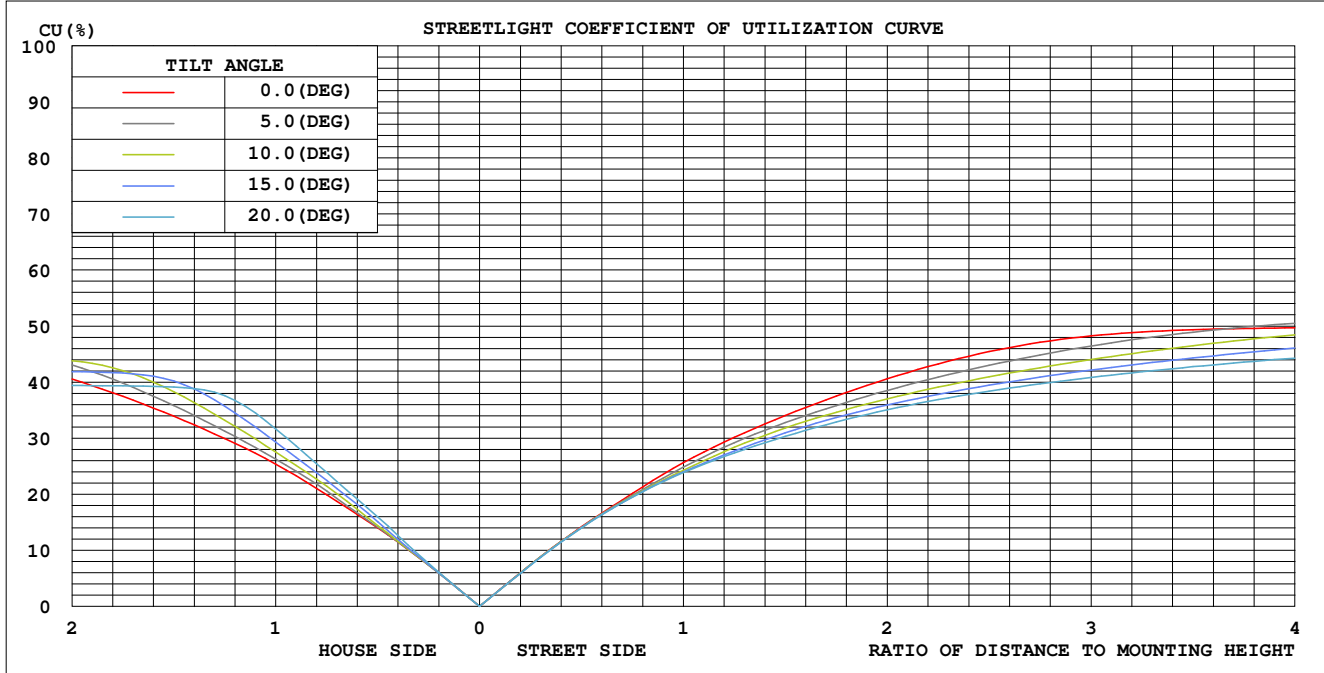
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:32.00cd/klm
 Max.At90:0.6502cd/klm
 Max.80-90:32.00cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	34475
90%	31028
80%	27580
70%	24133
60%	20685
50%	17238
40%	13790
30%	10343
20%	6895
10%	3448
5%	1724

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: LYS100-170W-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: LYS100-170W-T2-M

ZONAL FLUX DIAGRAM

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

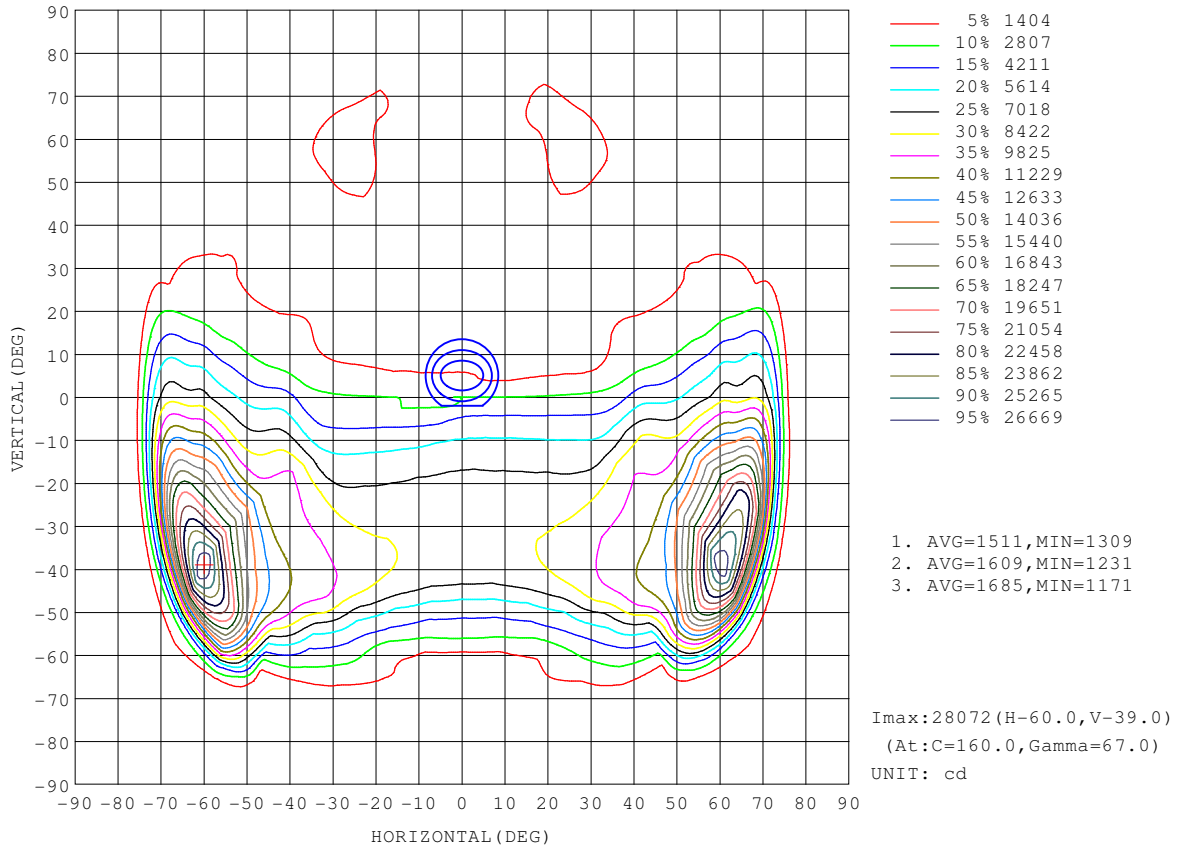
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	258.0	458.9	545.8	514.1	254.5	121.0	121.4	149.8	0- 10	266.2	266.2	1.25,1.25
20	267.3	604.5	709.7	710.9	260.7	103.6	110.6	130.9	10- 20	949.9	1216	5.69,5.69
30	284.2	688.9	773.8	839.9	275.7	101.8	107.7	128.9	20- 30	1764	2980	13.9,13.9
40	425.2	820.8	747.4	1019	410.3	110.9	100.0	134.6	30- 40	2721	5701	26.7,26.7
50	496.3	919.8	440.9	1182	475.1	106.5	101.6	134.2	40- 50	3803	9504	44.5,44.5
60	712.1	730.2	121.3	1031	677.1	122.9	88.64	151.7	50- 60	4506	14011	65.6,65.6
70	710.3	197.0	50.26	304.7	652.5	104.9	57.77	116.6	60- 70	5297	19308	90.4,90.4
80	22.07	25.23	7.364	31.74	19.16	28.00	17.84	31.39	70- 80	1957	21265	99.5,99.5
90	0.5107	0.1961	0.4301	0.3985	0.5649	0.4651	0.2297	1.140	80- 90	99.32	21364	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: LYS100-170W-T2-M

ISOCANDELA DIAGRAM

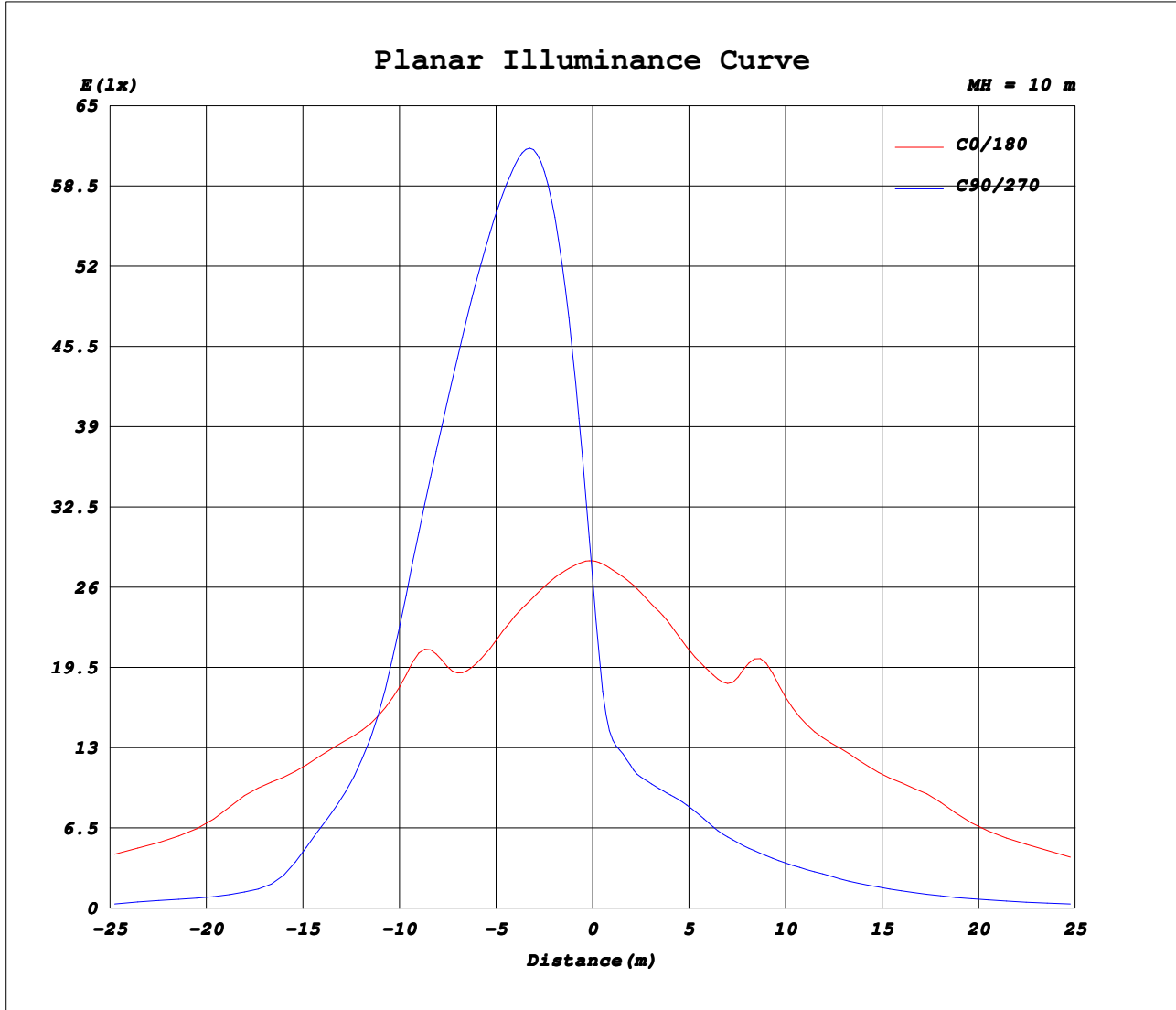
Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS100-170W-T2-M

Planar Illuminance Curve



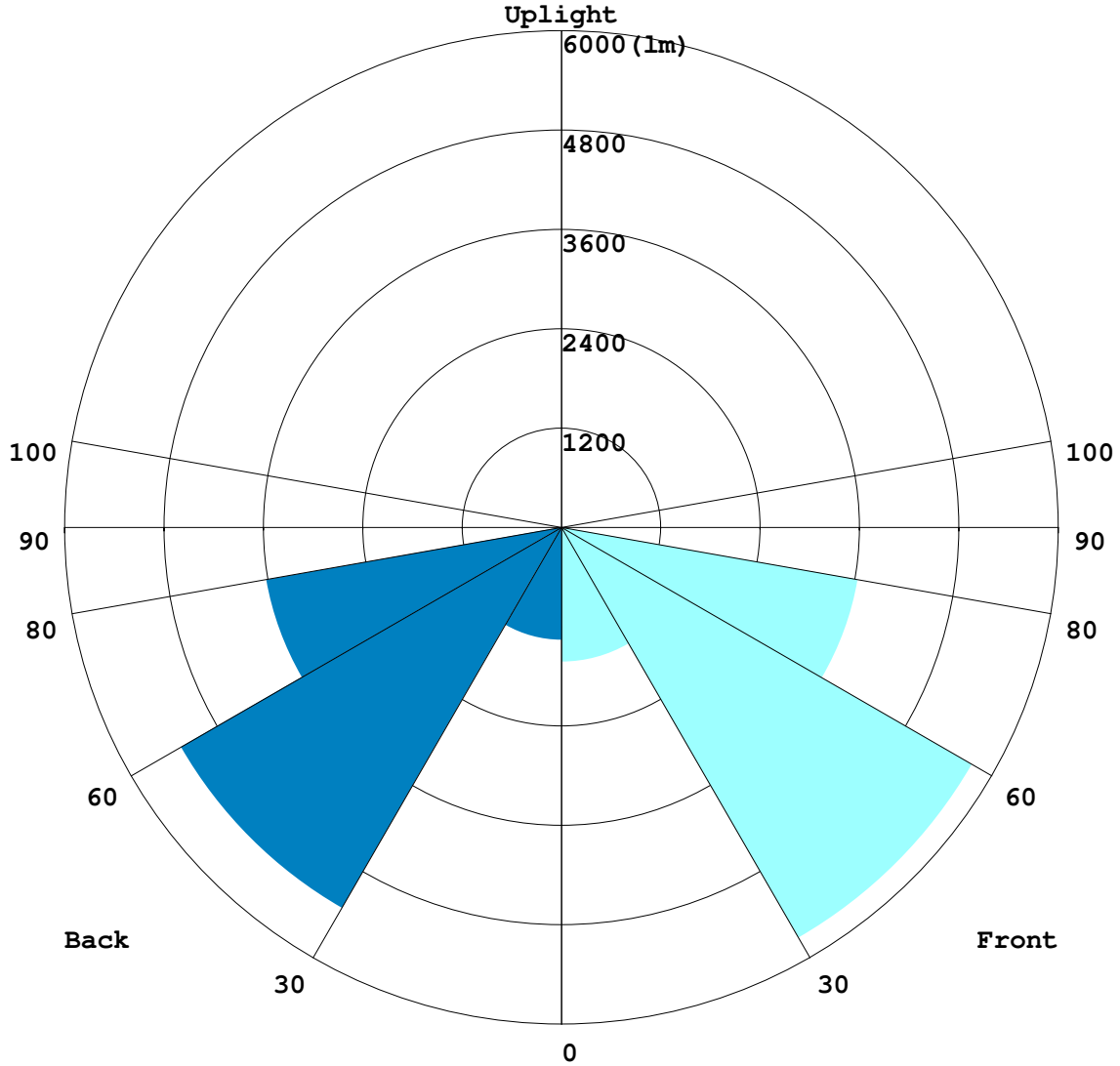
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-170W-T2-M

LCS REPORT

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	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: LYS100-170W-T2-M

BUG REPORT

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1622.3	7.6
FM - Front-Medium(30-60)	5724.8	26.8
FH - Front-High(60-80)	3635.6	17.0
FVH - Front-Very High(80-90)	52.181	0.2
Total Forward Light	11035	51.7

BL - Back-Low(0-30)	1357.7	6.4
BM - Back-Medium(30-60)	5305.7	24.8
BH - Back-High(60-80)	3618.6	16.9
BVH - Back-Very High(80-90)	47.134	0.2
Total Back Light	10329	48.3

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	10329	0	10329
Street Side	11035	0	11035

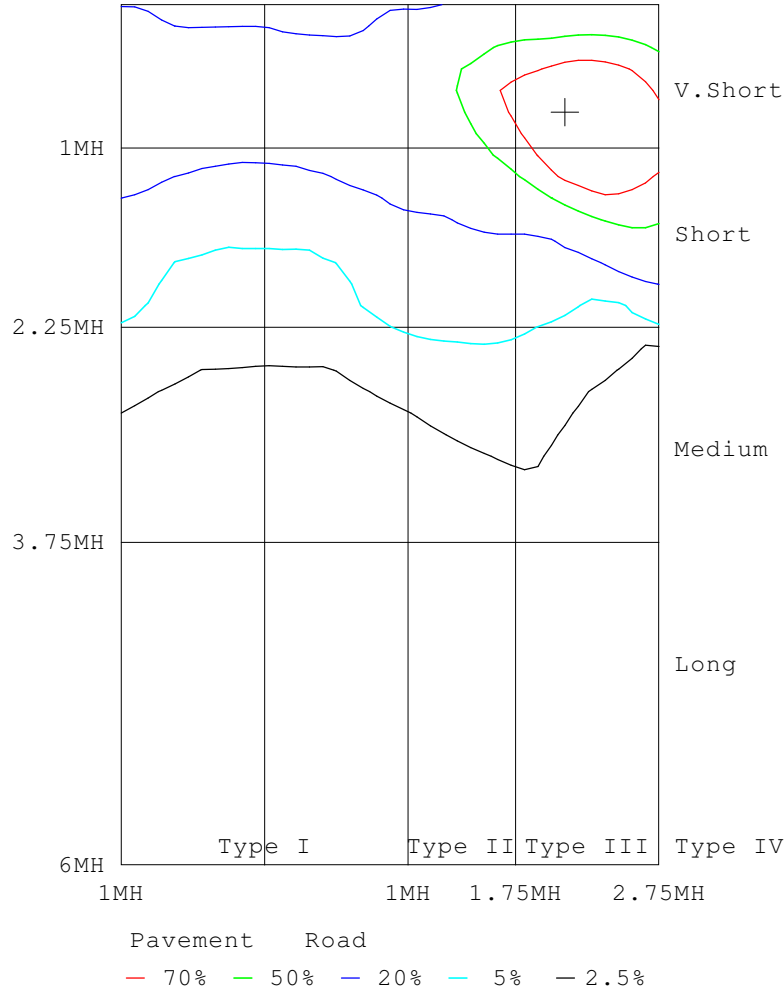
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-170W-T2-M

ROAD ISOCANDELA REPORT

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	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: LYS100-170W-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	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: LYS100-170W-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.45V I:0.7556A P:169.37W PF:0.9726 Freq:0Hz Lamp Flux:21364x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	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: LYS100-170W-T2-M