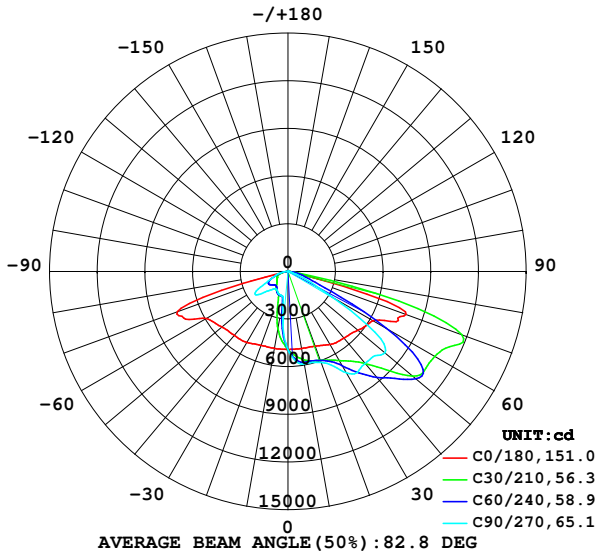
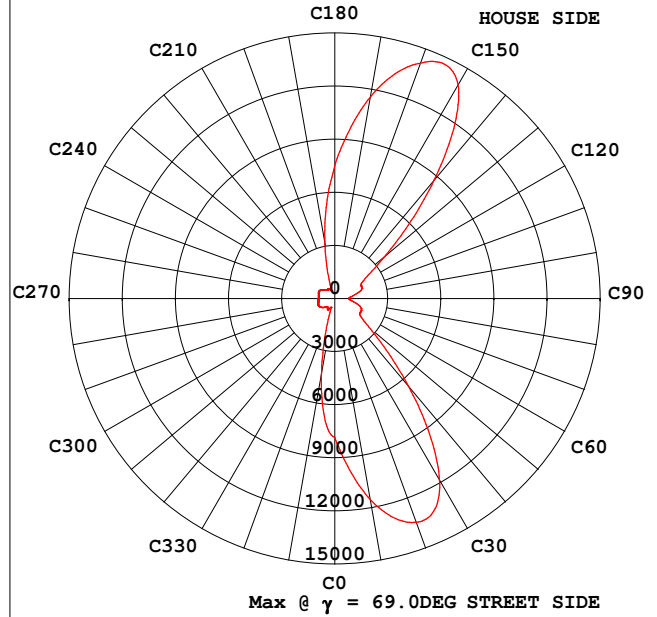


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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: 128.22 lm/W			
MODEL	LYS100	Imax(cd)	14152	η street_up(%)	0.0
NOMINAL POWER(W)	170	LOR(%)	100.0	η street_down(%)	52.5
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	21812	η house_up(%)	0.0
NOMINAL FLUX(lm)	21811.6	MAXIMUM @ (C, γ)	160,69.0	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	19.232

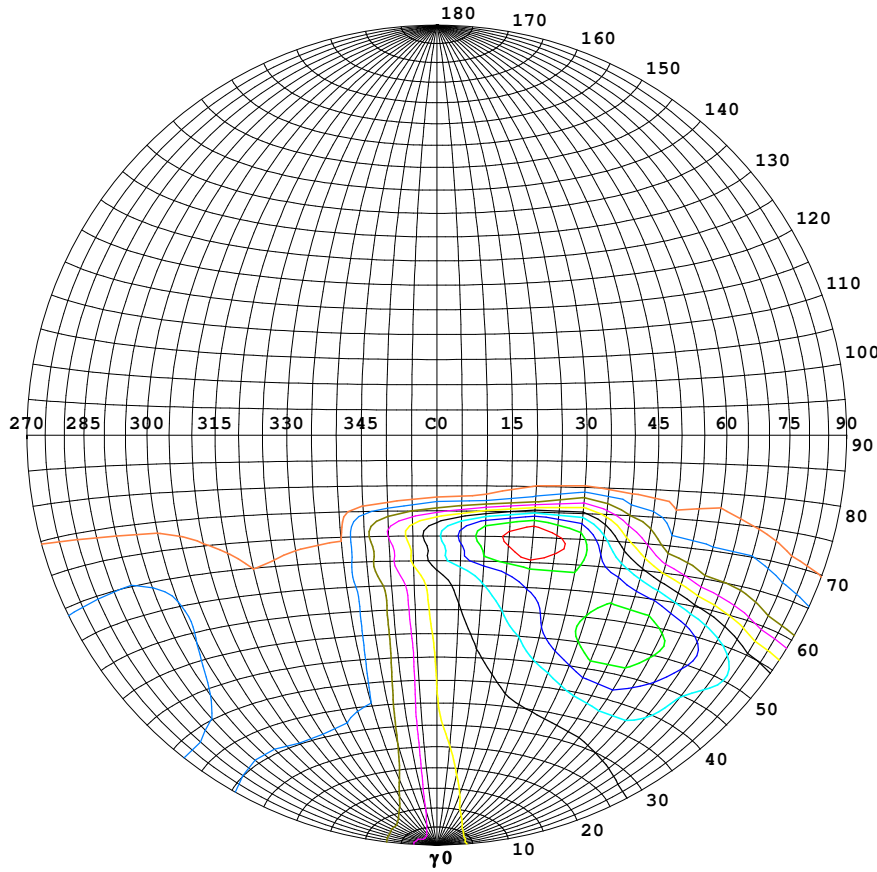
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T3-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

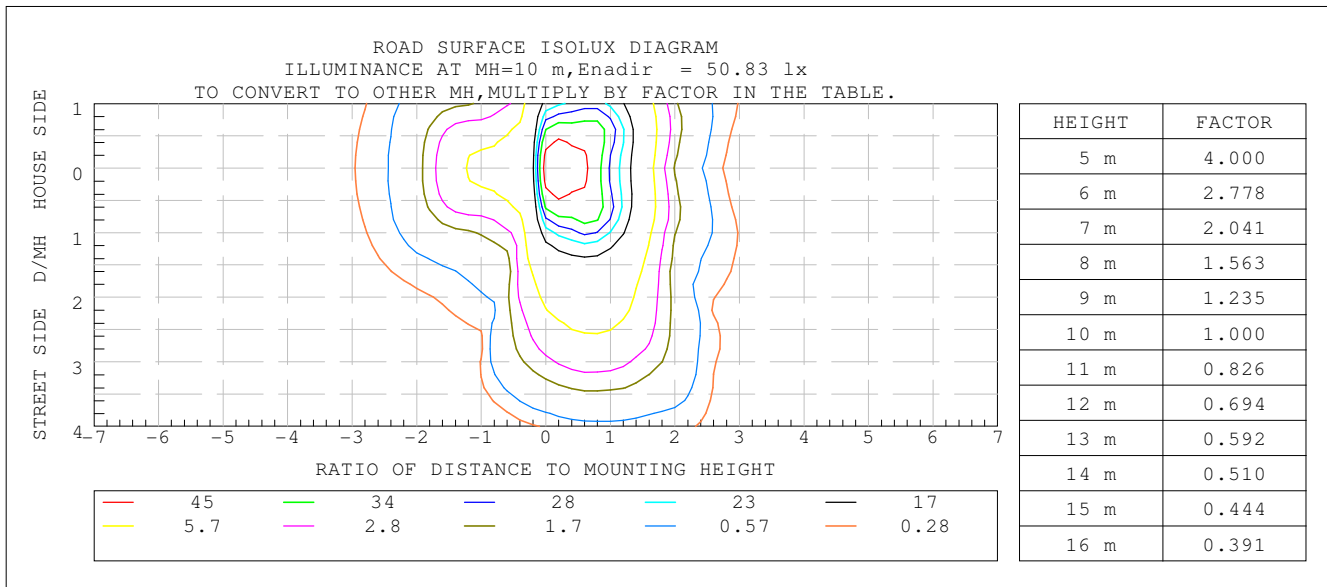
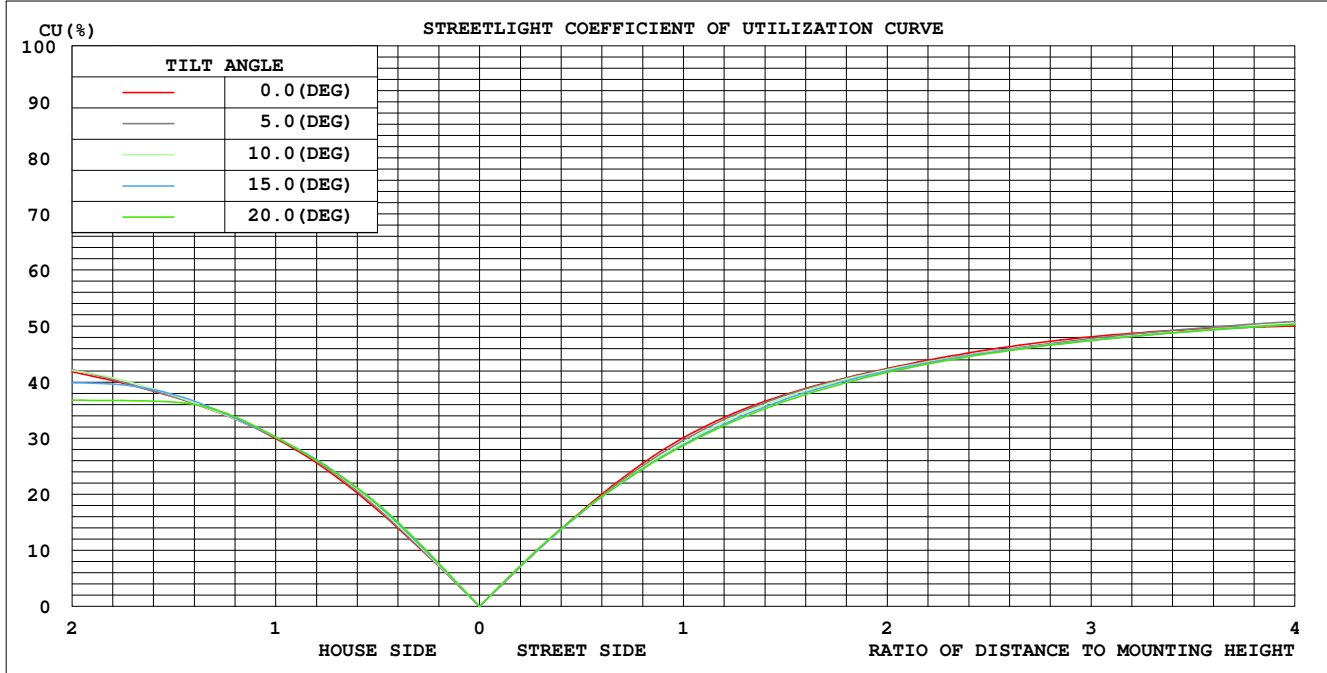
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:40.75cd/klm
 Max.At90:0.5164cd/klm
 Max.80-90:40.75cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14152
90%	12736
80%	11321
70%	9906
60%	8491
50%	7076
40%	5661
30%	4245
20%	2830
10%	1415
5%	708

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-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: LYS100-170W-T3-M

ZONAL FLUX DIAGRAM

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

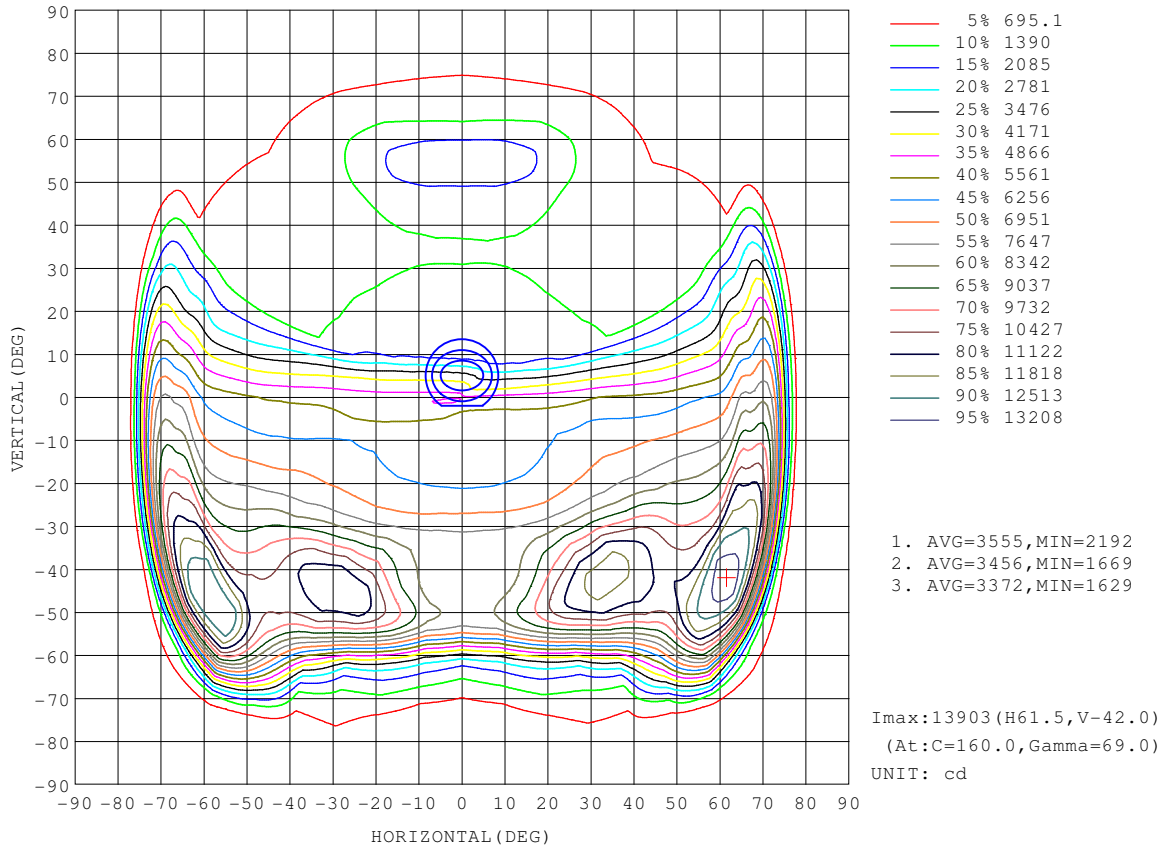
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	493.3	577.7	591.2	611.4	492.3	285.1	175.4	242.6	0- 10	441.1	441.1	2.02,2.02
20	501.0	593.9	610.3	643.5	495.6	158.3	154.7	170.5	10- 20	1178	1619	7.42,7.42
30	531.1	659.2	736.4	702.8	516.2	144.8	138.3	150.3	20- 30	1950	3569	16.4,16.4
40	548.3	871.9	756.4	884.4	526.2	108.8	145.9	113.7	30- 40	2867	6437	29.5,29.5
50	576.0	1166	796.5	1190	544.8	96.73	216.5	101.5	40- 50	4009	10445	47.9,47.9
60	620.5	1009	318.6	1092	594.5	88.56	200.4	92.23	50- 60	4885	15330	70.3,70.3
70	792.6	398.6	66.69	558.8	740.3	66.73	88.85	69.36	60- 70	4250	19580	89.8,89.8
80	23.39	52.81	6.821	50.78	20.91	28.12	37.06	27.86	70- 80	2116	21696	99.5,99.5
90	0.5141	0.2109	0.3592	0.4000	0.5760	0.5321	0.2751	0.9850	80- 90	115.2	21812	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-T3-M

ISOCANDELA DIAGRAM

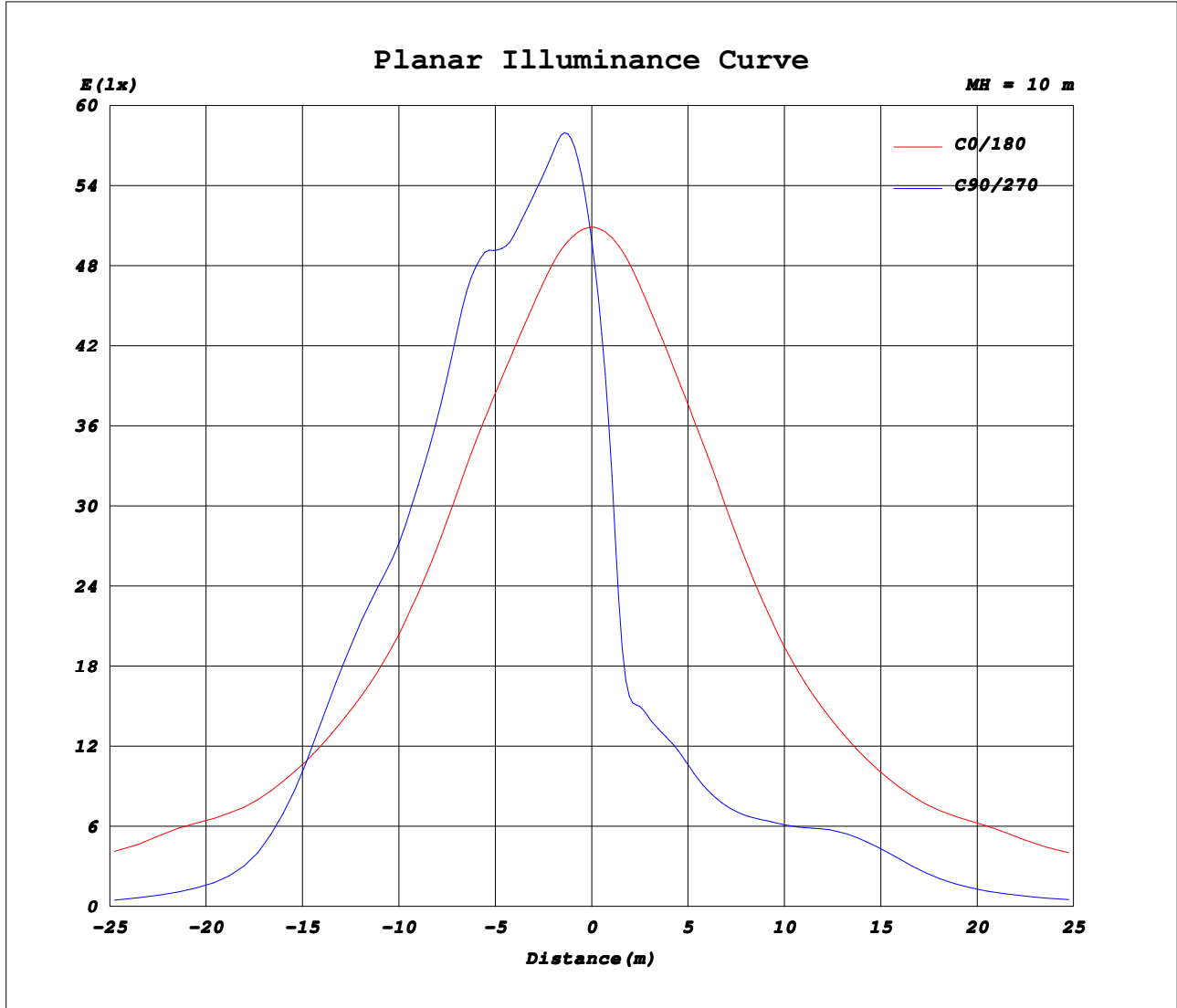
Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T3-M

Planar Illuminance Curve



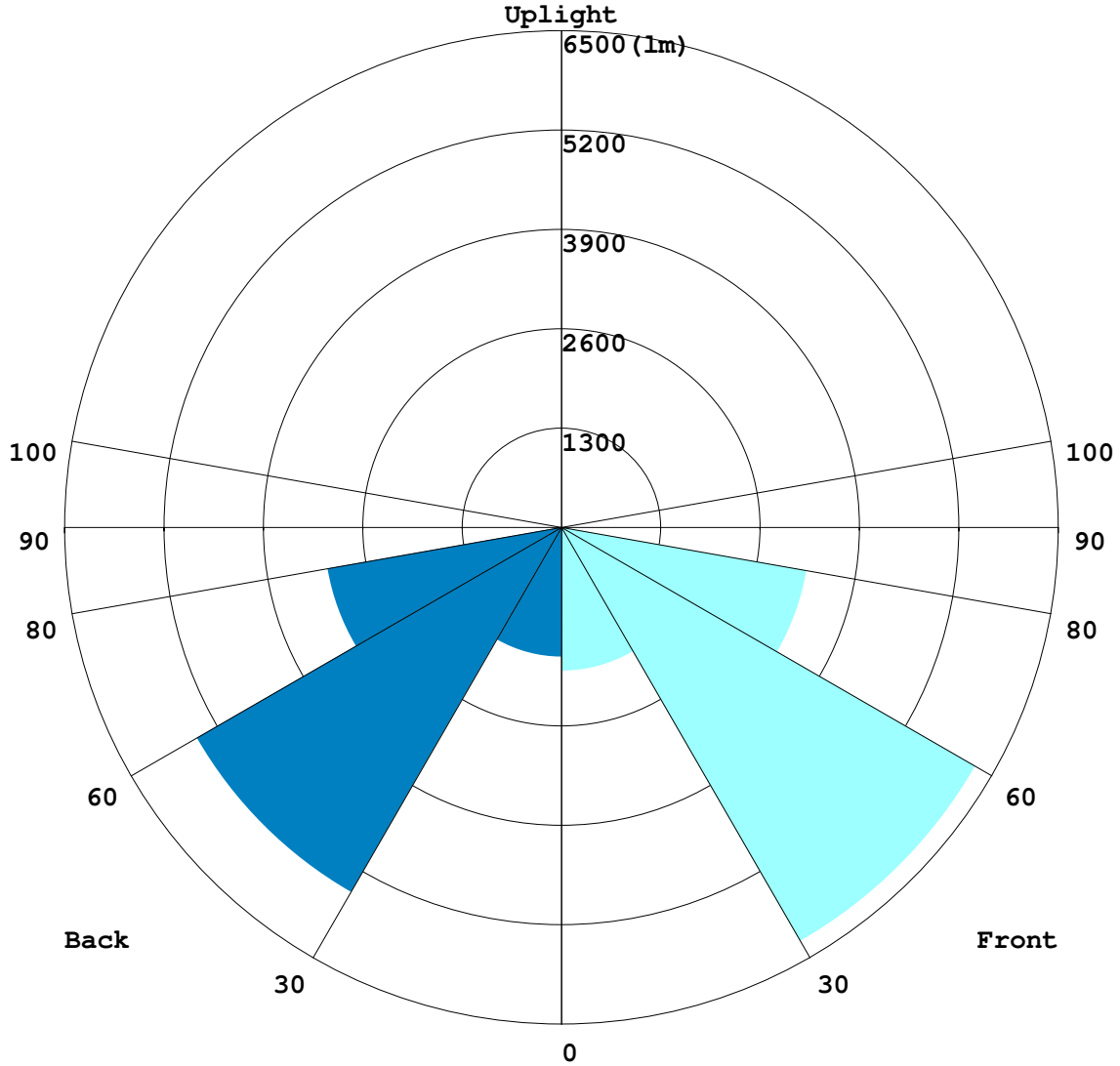
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-170W-T3-M

LCS REPORT

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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-T3-M

BUG REPORT

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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)	1875.2	8.6
FM - Front-Medium(30-60)	6250.4	28.7
FH - Front-High(60-80)	3258.5	14.9
FVH - Front-Very High(80-90)	61.139	0.3
Total Forward Light	11445	52.5

BL - Back-Low(0-30)	1693.9	7.8
BM - Back-Medium(30-60)	5510.8	25.3
BH - Back-High(60-80)	3107.5	14.2
BVH - Back-Very High(80-90)	54.025	0.2
Total Back Light	10366	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	B4-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10366	0	10366
Street Side	11445	0	11445

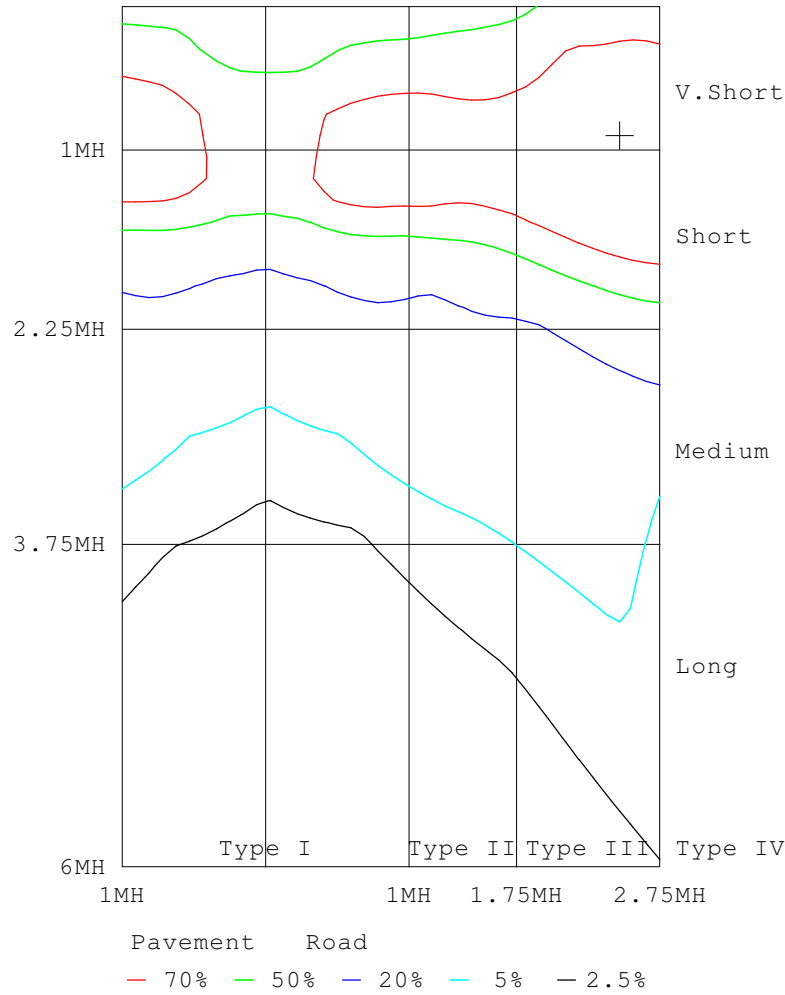
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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-T3-M

ROAD ISOCANDELA REPORT

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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-T3-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.46V I:0.7591A P:170.11W PF:0.9724 Freq:50.01Hz Lamp Flux:21811.6x1 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-T3-M