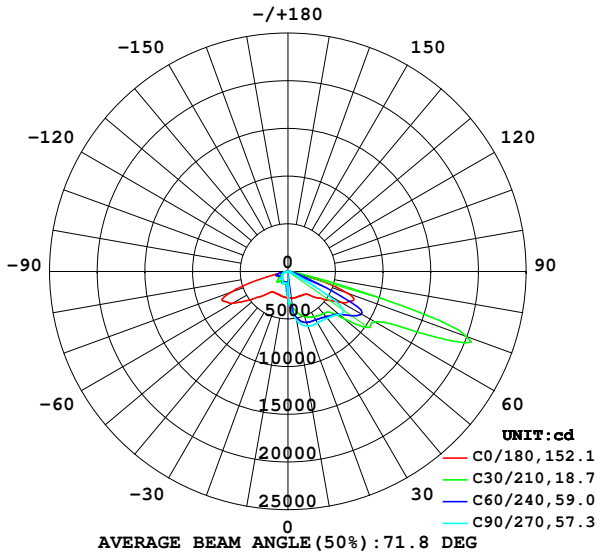
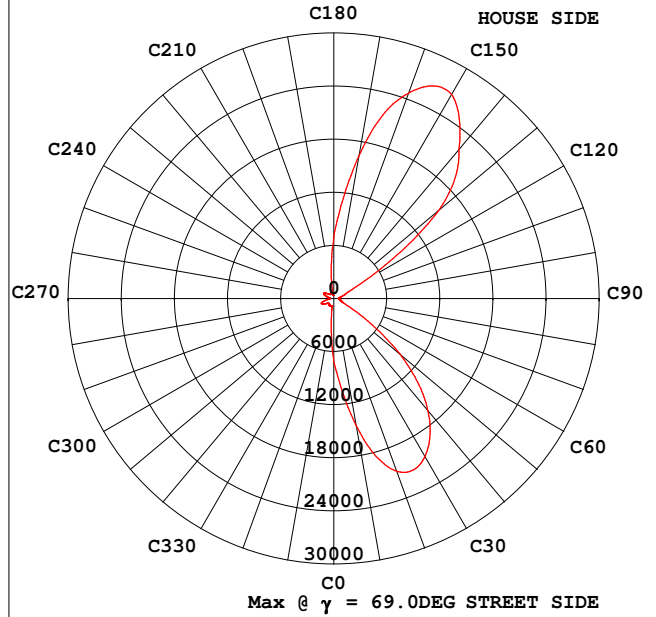


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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: 126.00 lm/W			
MODEL	LYS100	Imax(cd)	26650	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)	21443	η house_up(%)	0.0
NOMINAL FLUX(lm)	21442.8	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	19.600

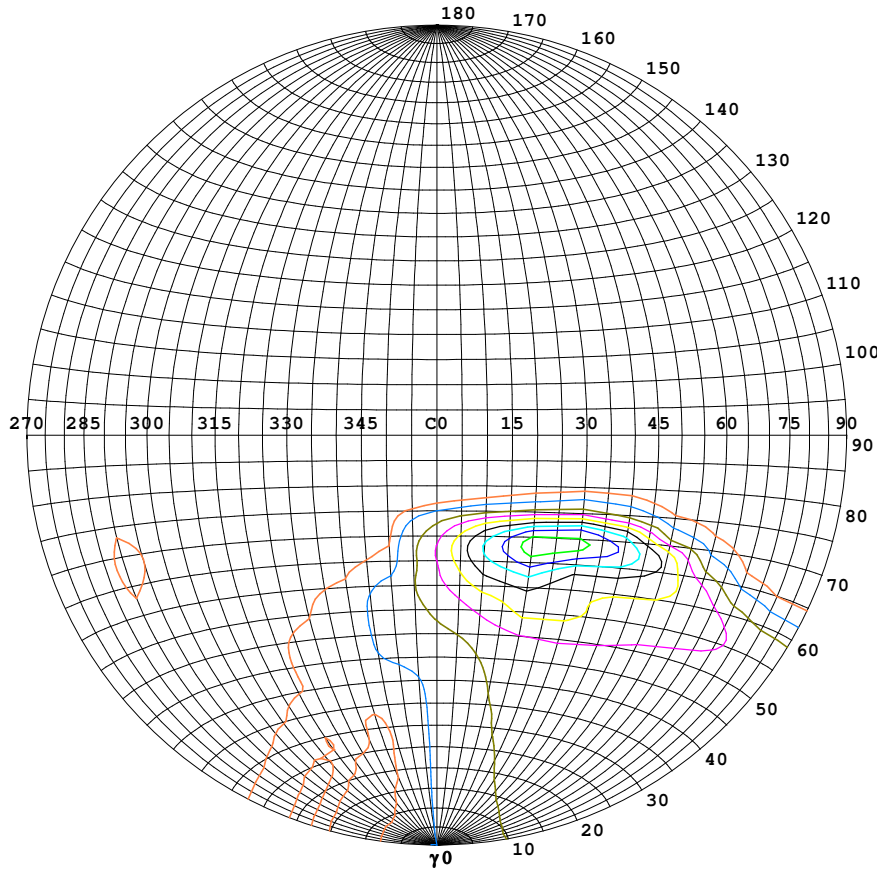
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

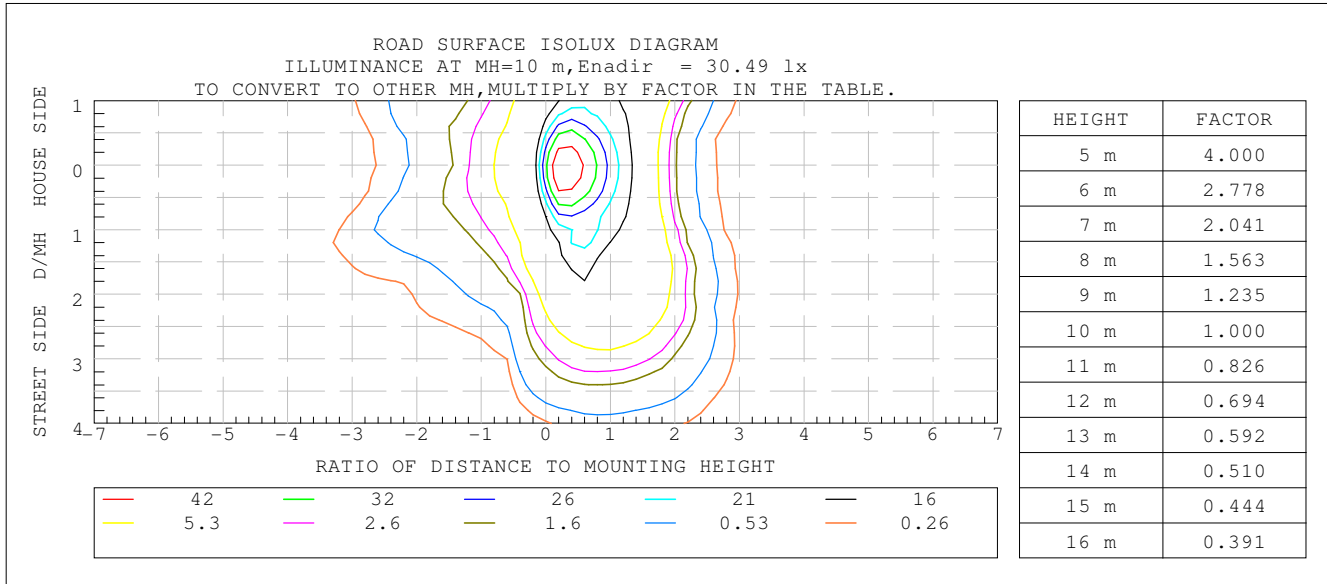
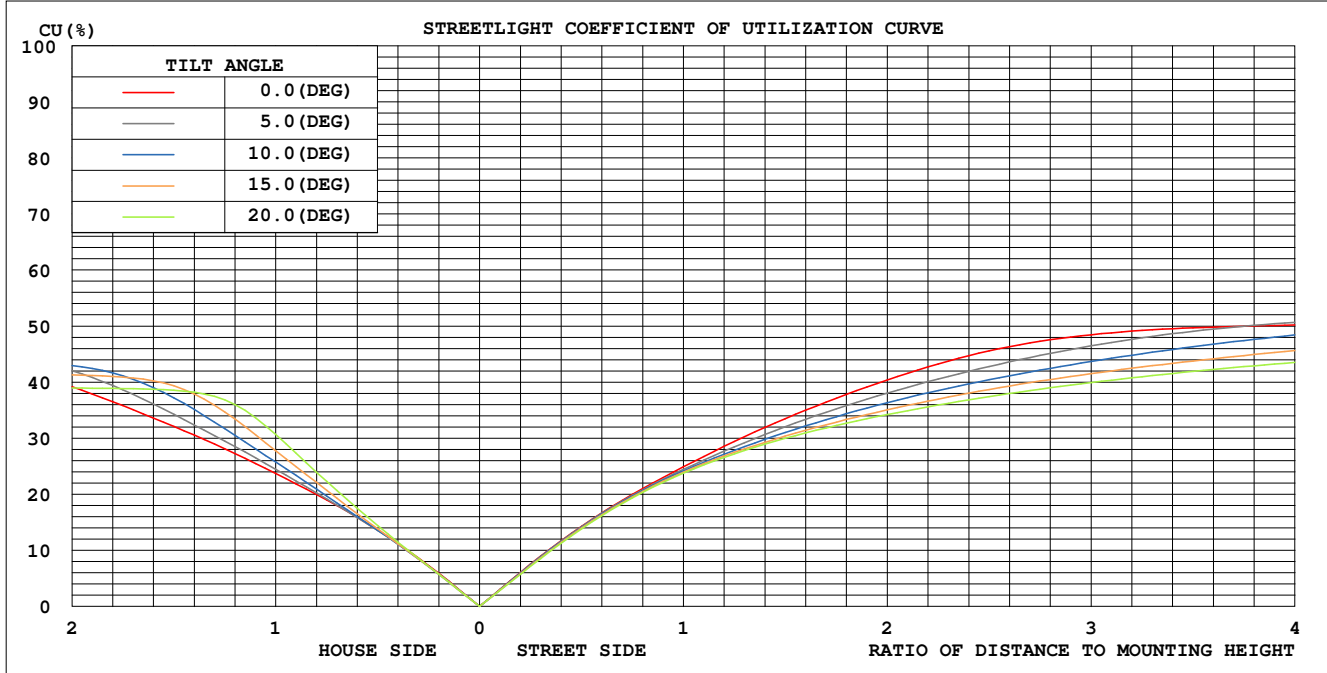
IES:Type III - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:57.14cd/klm
 Max.At90:0.8773cd/klm
 Max.80-90:57.14cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	26650
90%	23985
80%	21320
70%	18655
60%	15990
50%	13325
40%	10660
30%	7995
20%	5330
10%	2665
5%	1333

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

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

ZONAL FLUX DIAGRAM

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

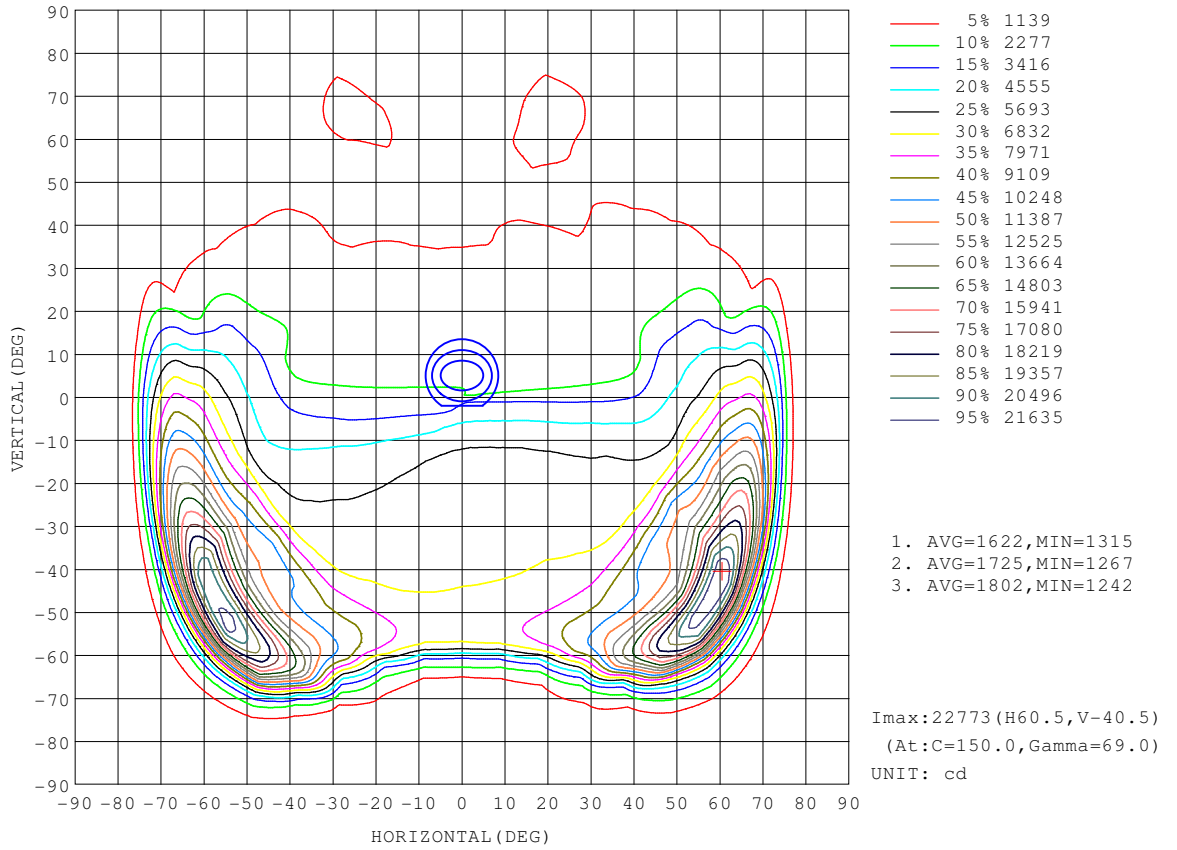
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	284.3	452.8	516.1	492.8	271.8	127.1	123.7	150.9	0- 10	274.7	274.7	1.28,1.28
20	286.4	550.0	610.5	614.1	263.6	120.2	125.3	153.3	10- 20	914.6	1189	5.55,5.55
30	291.9	575.6	624.8	656.1	264.9	129.0	117.1	164.8	20- 30	1603	2793	13,13
40	314.7	598.0	640.9	686.0	286.8	115.9	106.9	143.6	30- 40	2248	5041	23.5,23.5
50	437.7	728.6	704.4	873.9	425.8	105.3	92.20	135.8	40- 50	3090	8131	37.9,37.9
60	655.8	999.8	378.0	1222	670.1	95.55	73.47	118.9	50- 60	4657	12788	59.6,59.6
70	660.0	1164	52.22	1828	638.3	70.26	53.73	87.97	60- 70	5914	18701	87.2,87.2
80	27.84	50.81	7.435	90.07	26.57	27.12	15.95	41.65	70- 80	2613	21314	99.4,99.4
90	0.4440	0.2622	0.3894	0.6271	0.5059	0.8400	0.2548	1.651	80- 90	128.5	21443	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

ISOCANDELA DIAGRAM

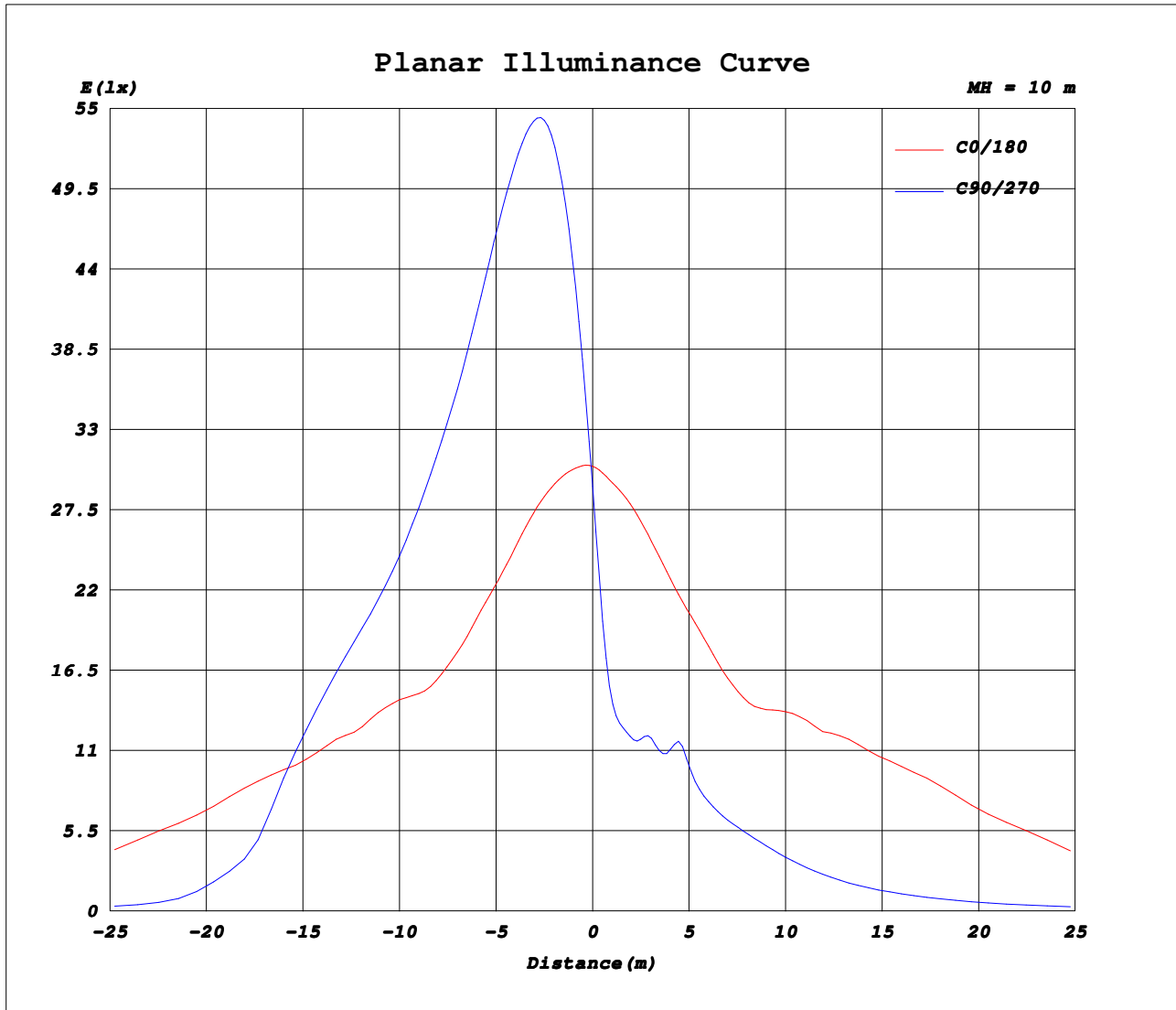
Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:170W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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

Planar Illuminance Curve



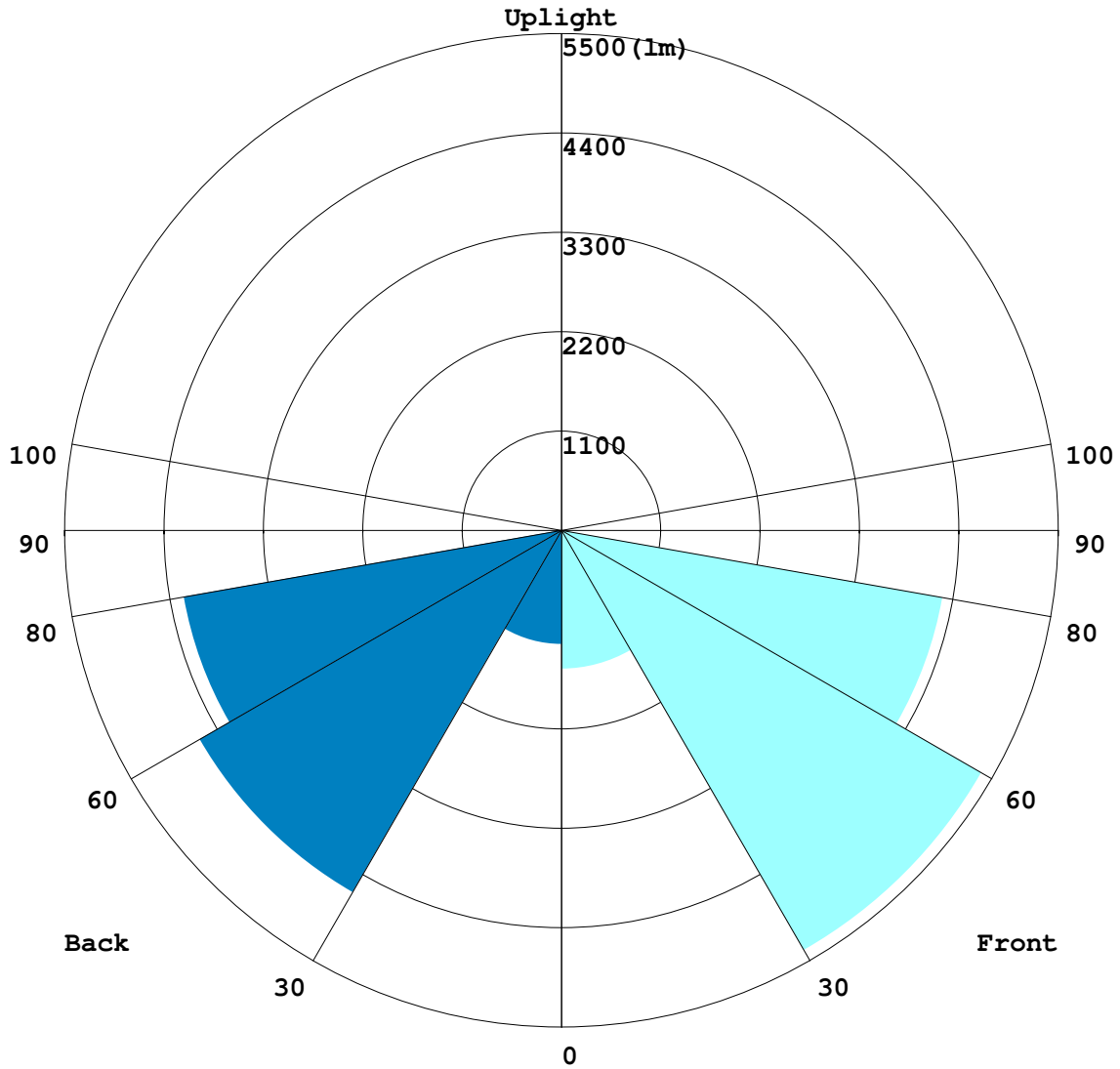
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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

LCS REPORT

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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

BUG REPORT

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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)	1532.5	7.1
FM - Front-Medium(30-60)	5368.8	25.0
FH - Front-High(60-80)	4281.5	20.0
FVH - Front-Very High(80-90)	67.749	0.3
Total Forward Light	11251	52.5

BL - Back-Low(0-30)	1260	5.9
BM - Back-Medium(30-60)	4626.2	21.6
BH - Back-High(60-80)	4245.2	19.8
BVH - Back-Very High(80-90)	60.71	0.3
Total Back Light	10192	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	10192	0	10192
Street Side	11251	0	11251

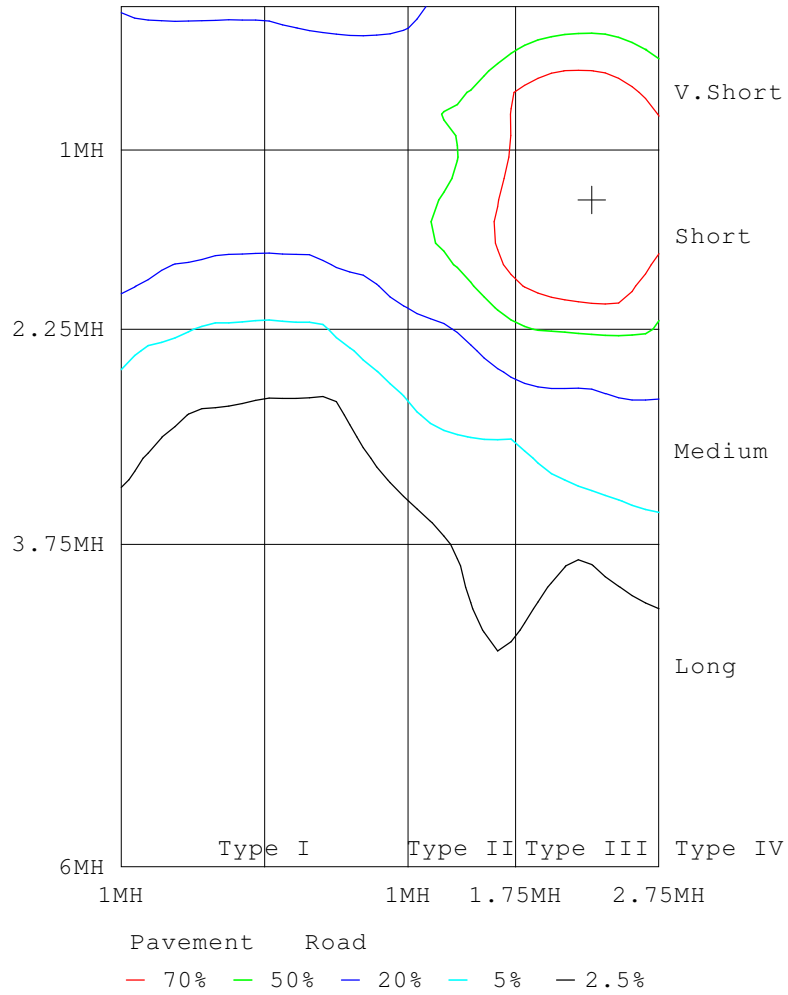
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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

ROAD ISOCANDELA REPORT

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.7591A P:170.18W PF:0.9728 Freq:50.01Hz Lamp Flux:21442.8x1 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