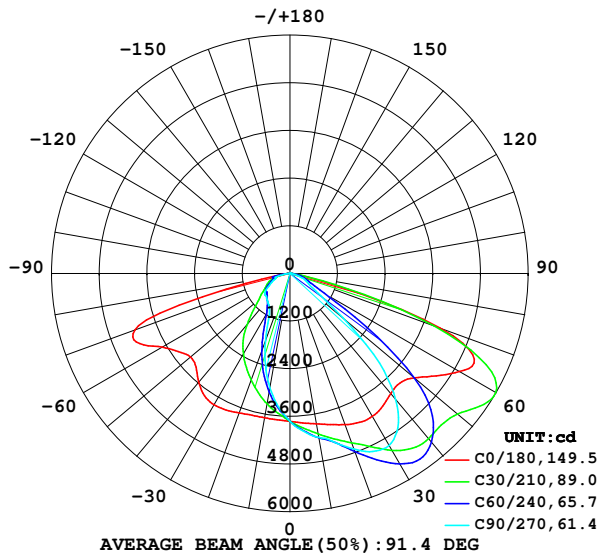
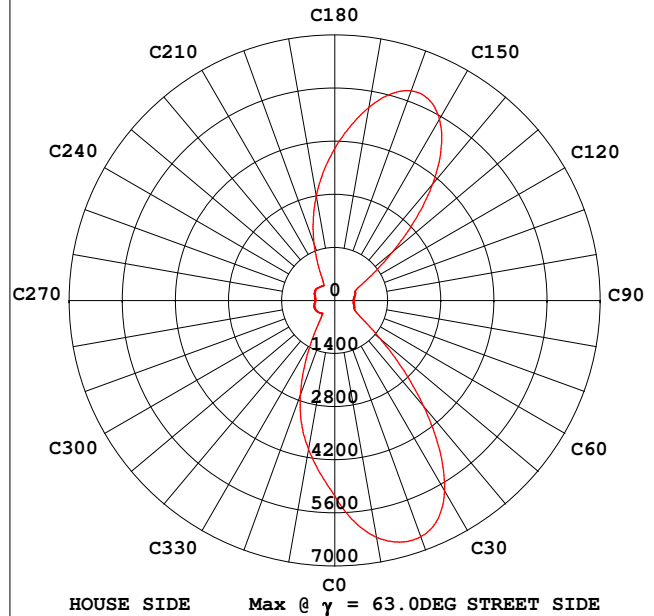


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.04 lm/W			
MODEL	LYS50	Imax (cd)	6626	η street_up (%)	0.0
NOMINAL POWER (W)	110	LOR (%)	100.0	η street_down (%)	70.2
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	12813	η house_up (%)	0.0
NOMINAL FLUX (lm)	12813.4	MAXIMUM @ (C, γ)	20,63.0	η house_down (%)	29.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.252

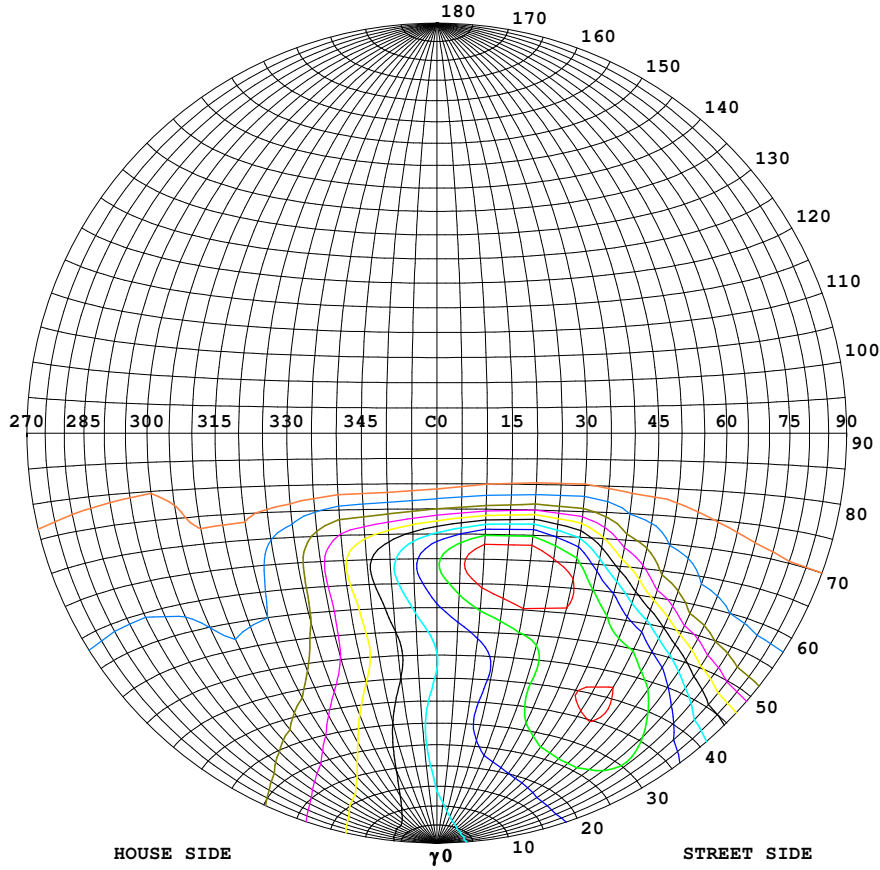
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-110W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

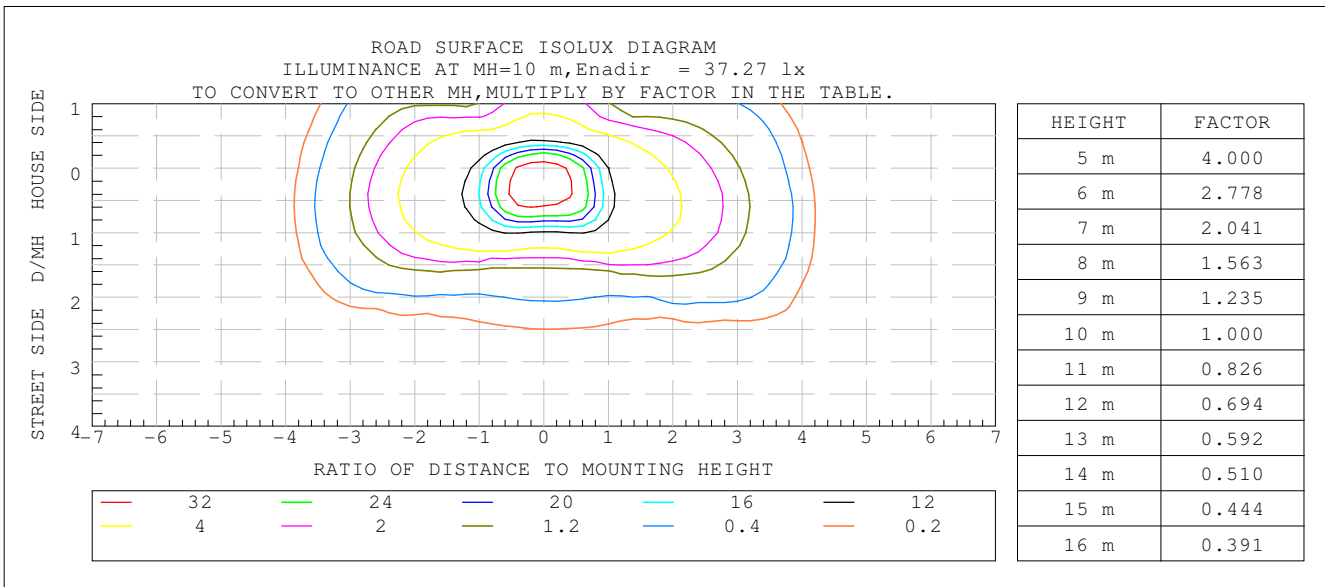
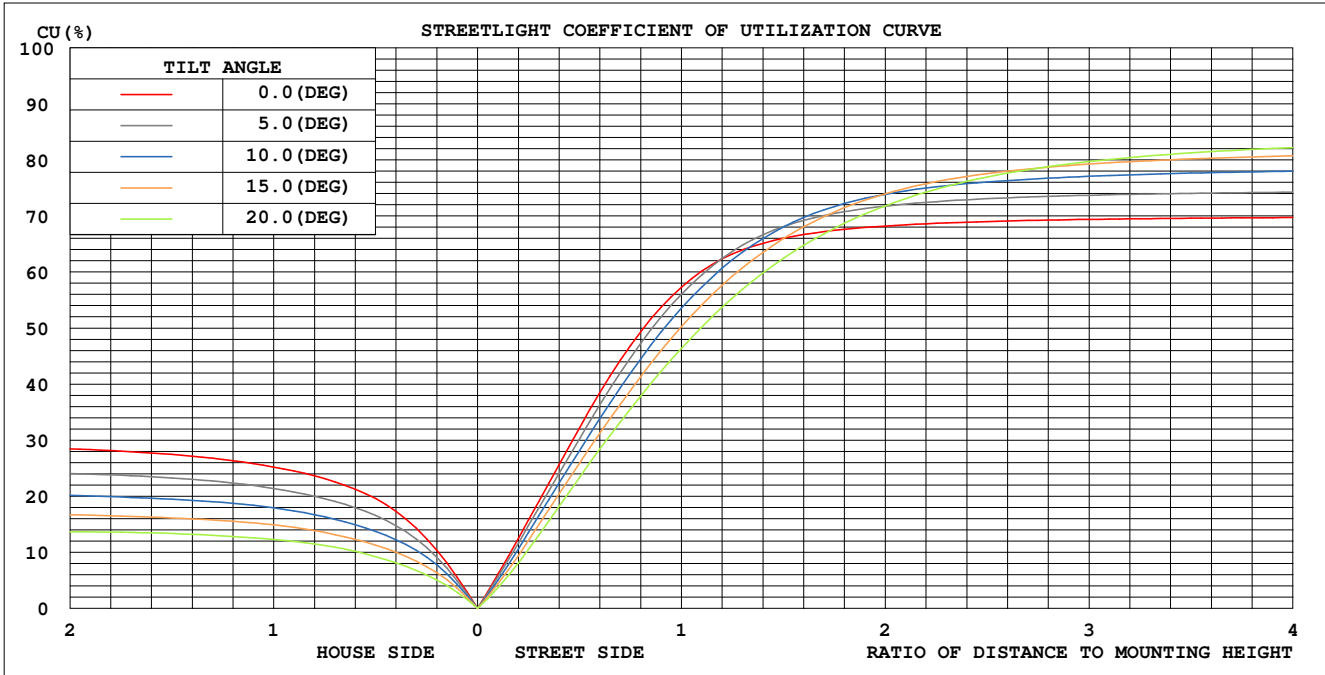
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:56.64cd/klm
 Max.At90:0.3642cd/klm
 Max.80-90:56.64cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6626
90%	5963
80%	5301
70%	4638
60%	3975
50%	3313
40%	2650
30%	1988
20%	1325
10%	663
5%	331

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:02.07.2020

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: LYS50-110W

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-110W

ZONAL FLUX DIAGRAM

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

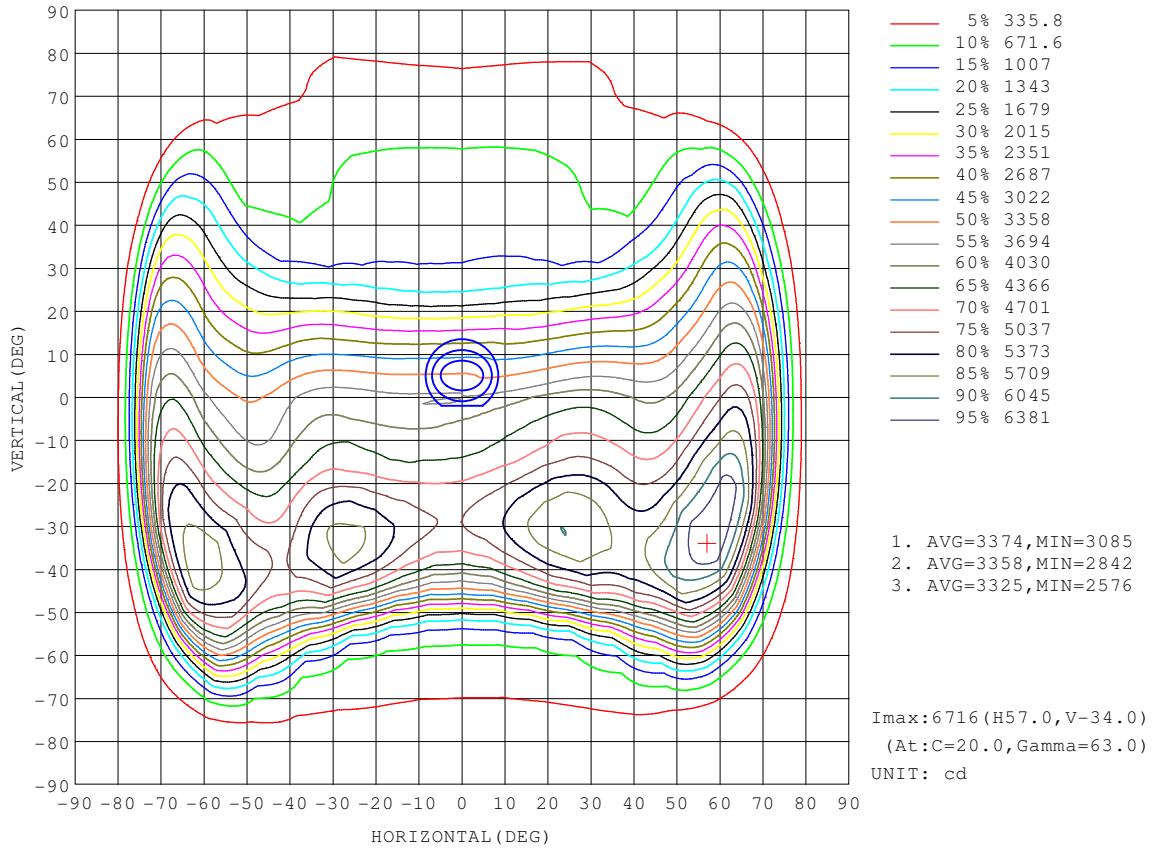
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	3847	4174	4188	4109	3693	3169	2926	3224	0- 10	352.6	352.6	2.75,2.75
20	4051	4660	4704	4432	3739	2432	1807	2554	10- 20	1019	1372	10.7,10.7
30	4155	5534	4999	5152	3820	1650	1036	1792	20- 30	1631	3003	23.4,23.4
40	3951	5925	4144	5871	3576	1017	890.5	1074	30- 40	2152	5155	40.2,40.2
50	4091	5372	1740	5461	3271	709.0	832.3	747.4	40- 50	2337	7493	58.5,58.5
60	4938	3470	562.5	3742	3713	568.8	597.8	574.8	50- 60	2214	9707	75.8,75.8
70	4012	1100	330.5	1478	4156	399.8	394.0	401.2	60- 70	2048	11755	91.7,91.7
80	231.1	238.5	31.72	328.5	315.1	196.3	134.5	160.9	70- 80	978.7	12733	99.4,99.4
90	3.030	1.292	1.822	4.004	3.733	1.673	1.527	3.076	80- 90	80.10	12813	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:cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:02.07.2020

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: LYS50-110W

ISOCANDELA DIAGRAM

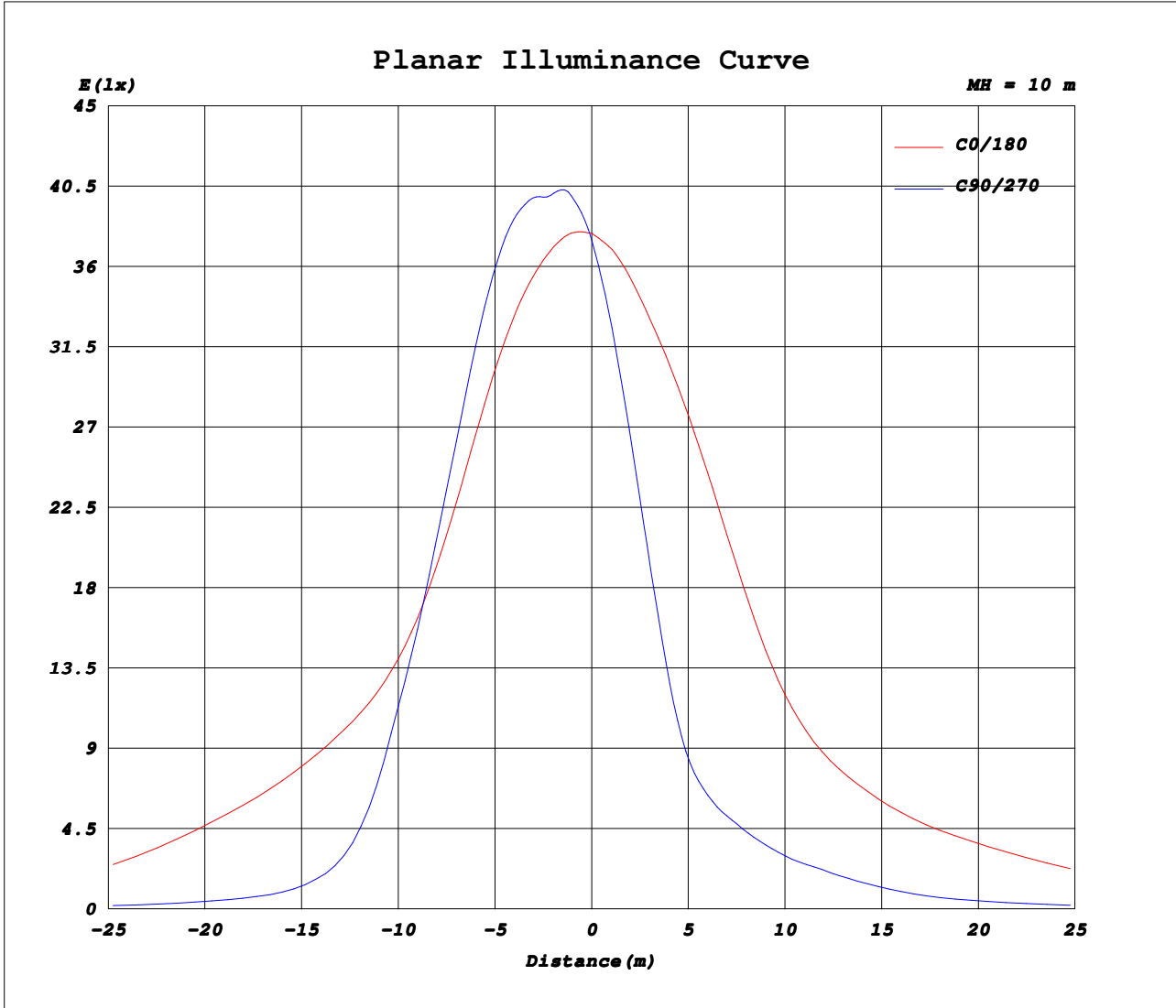
Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-110W

Planar Illuminance Curve



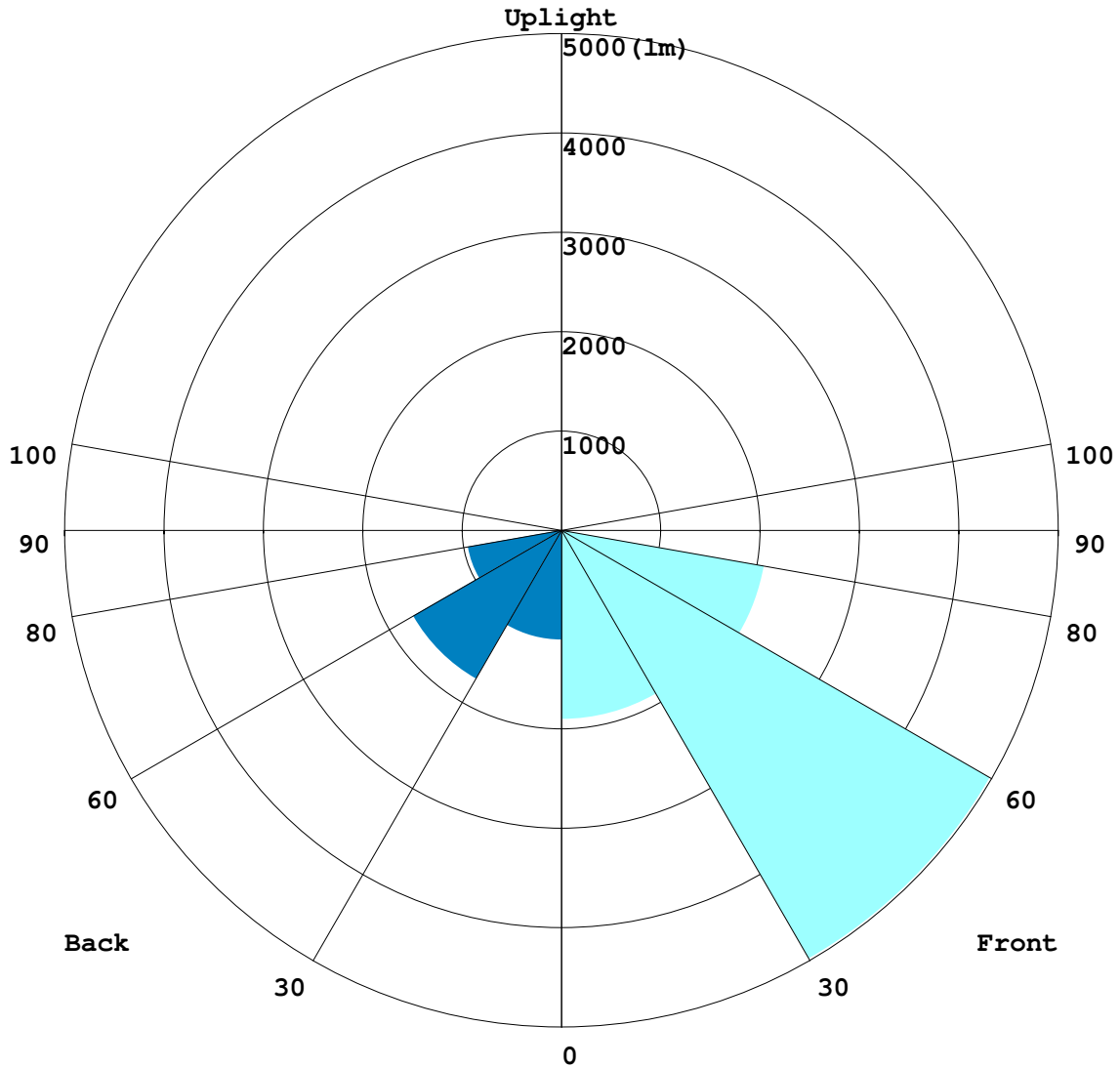
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-110W

LCS REPORT

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	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: 02.07.2020

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: LYS50-110W

BUG REPORT

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1900.9	14.8
FM - Front-Medium(30-60)	4979.2	38.9
FH - Front-High(60-80)	2068.9	16.1
FVH - Front-Very High(80-90)	44.272	0.3
Total Forward Light	8993.3	70.2

BL - Back-Low(0-30)	1102.1	8.6
BM - Back-Medium(30-60)	1724.8	13.5
BH - Back-High(60-80)	957.44	7.5
BVH - Back-Very High(80-90)	35.825	0.3
Total Back Light	3820.2	29.8

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	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3820.2	0	3820.2
Street Side	8993.3	0	8993.3

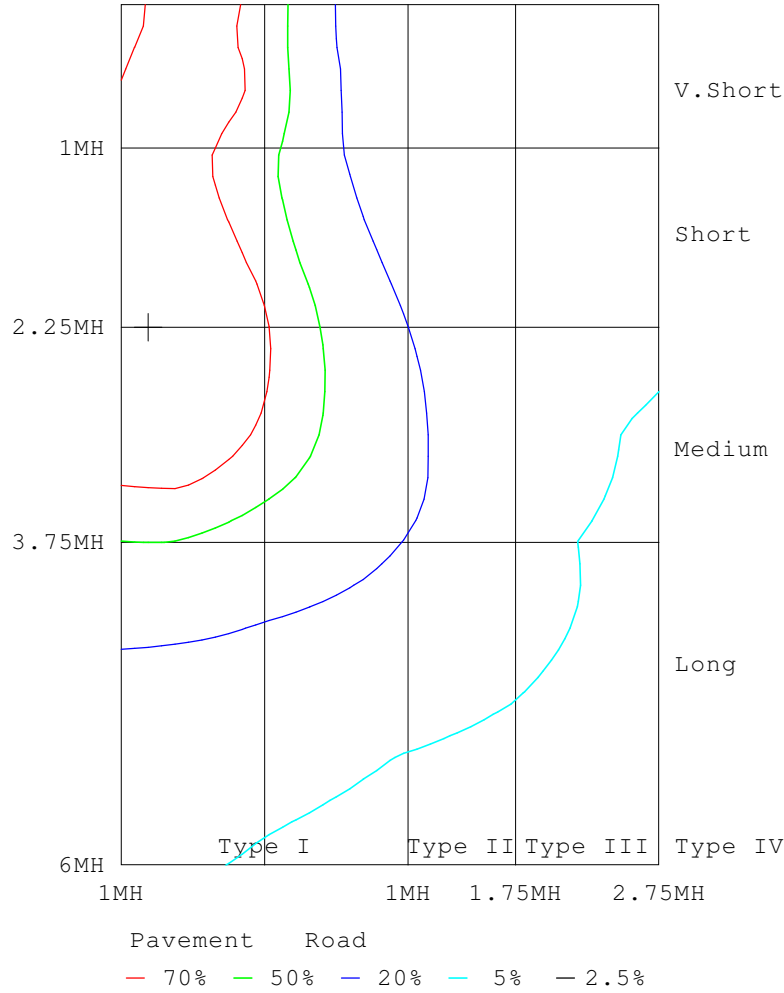
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 02.07.2020

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: LYS50-110W

ROAD ISOCANDELA REPORT

Test:U:230.42V I:0.4839A P:109.48W PF:0.9818 Freq:50.01Hz Lamp Flux:12813.4x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	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: 02.07.2020

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: LYS50-110W

