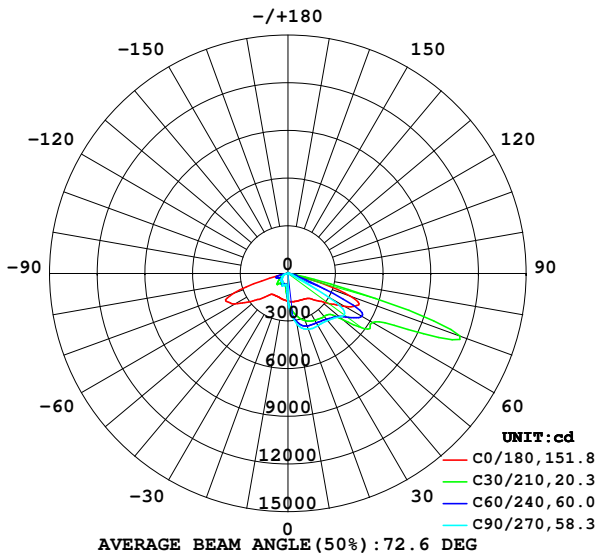
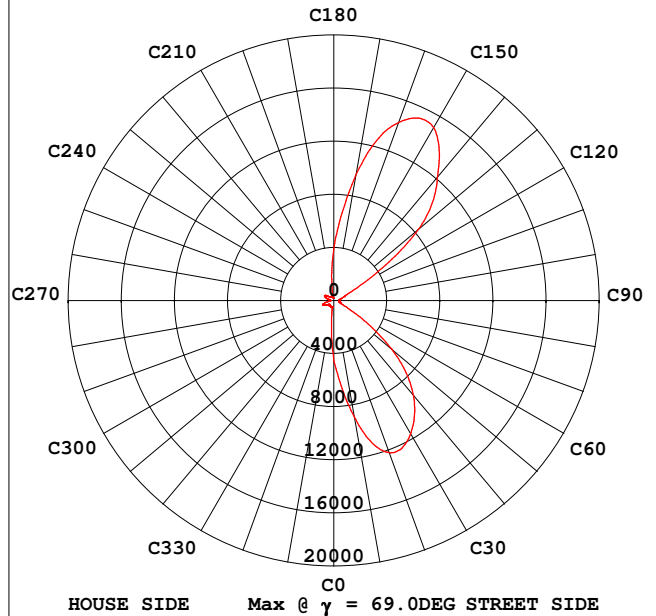


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 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: 116.87 lm/W			
MODEL	LYS50	I _{max} (cd)	15060	η street_up (%)	0.0
NOMINAL POWER (W)	110	LOR (%)	100.0	η street_down (%)	83.0
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	12779	η house_up (%)	0.0
NOMINAL FLUX (lm)	12779.2	MAXIMUM @ (C, γ)	150, 69.0	η house_down (%)	17.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	18.440

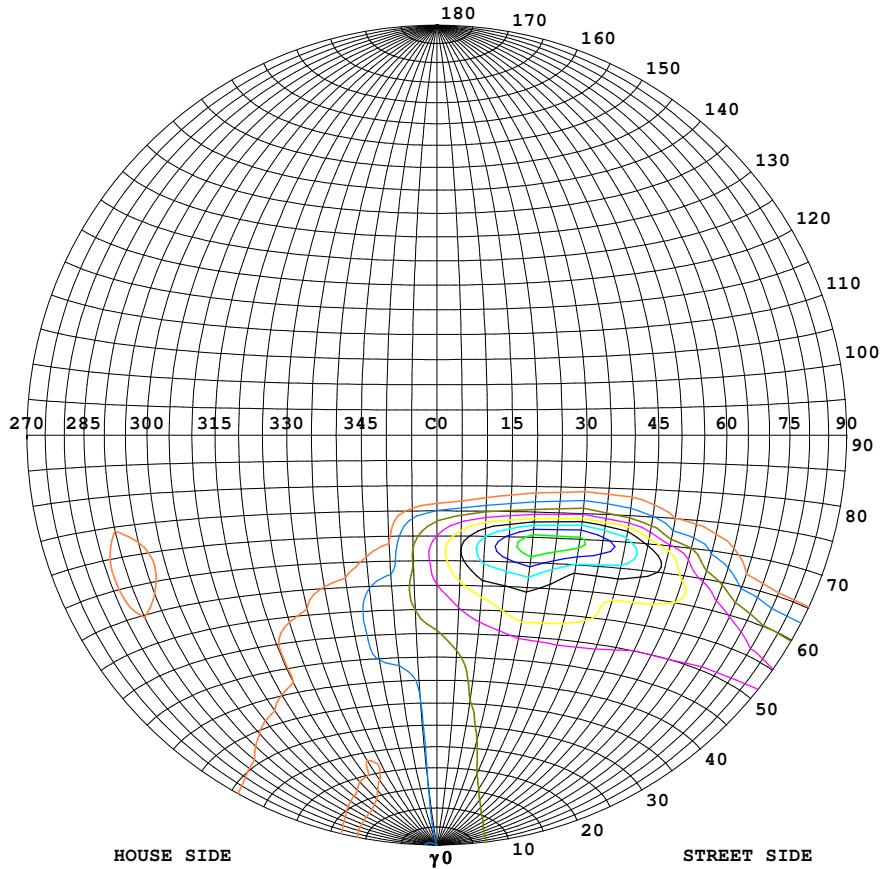
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

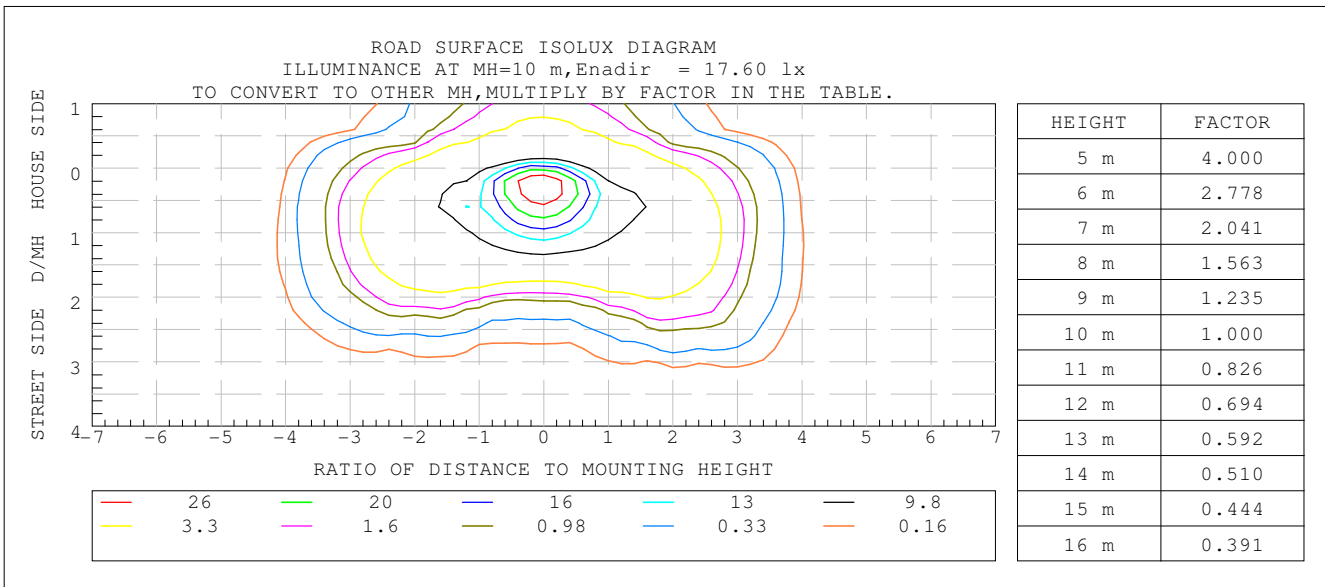
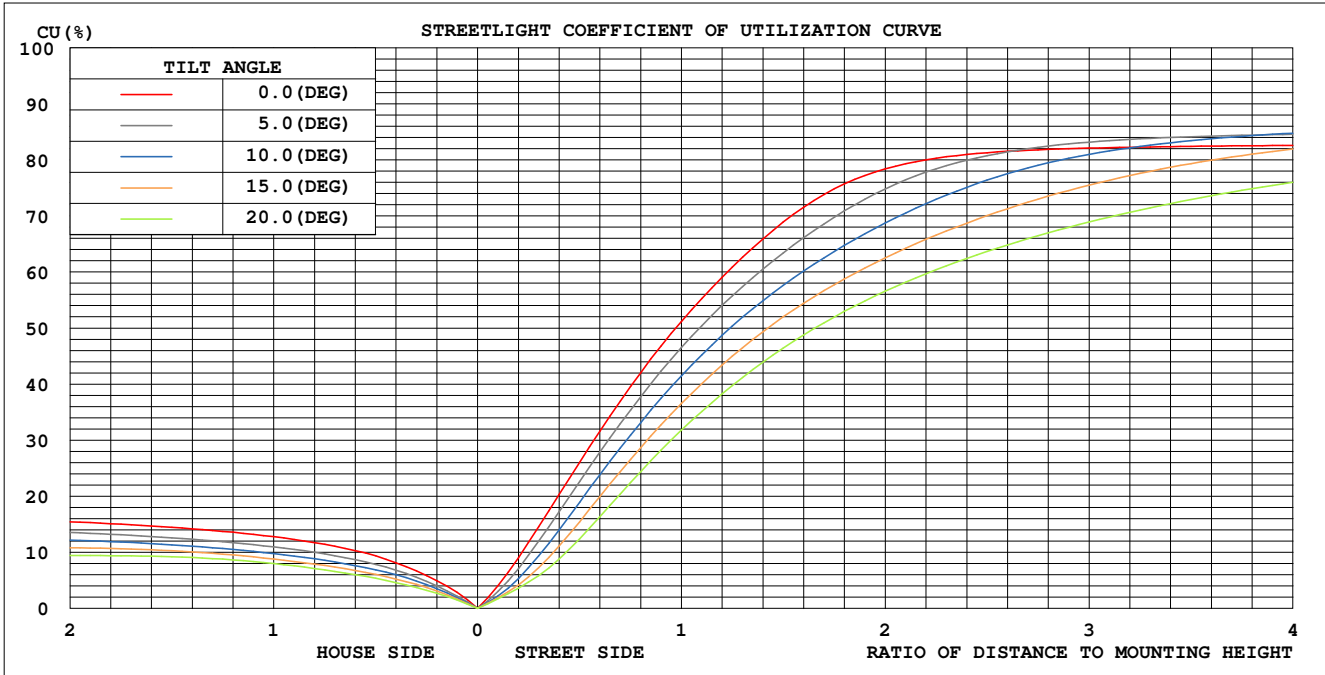
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:54.51cd/klm
 Max.At90:0.7177cd/klm
 Max.80-90:54.51cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15060
90%	13554
80%	12048
70%	10542
60%	9036
50%	7530
40%	6024
30%	4518
20%	3012
10%	1506
5%	753

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:30.06.2020

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: 30.06.2020

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:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

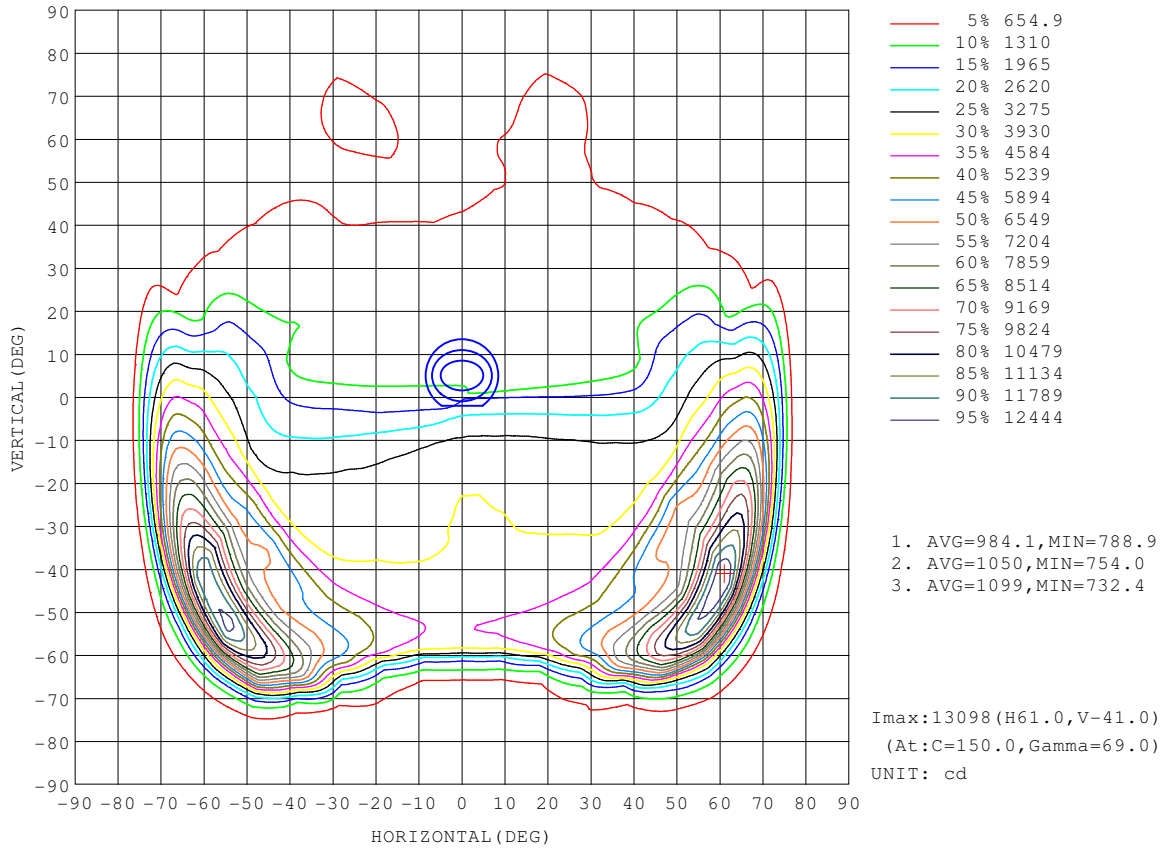
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	180.7	285.7	321.8	304.8	168.3	76.59	74.00	88.37	0- 10	170.9	170.9	1.34,1.34
20	184.5	342.9	373.6	372.6	161.6	73.08	75.42	90.32	10- 20	565.0	735.9	5.76,5.76
30	190.2	354.3	380.4	392.5	161.5	78.98	70.49	96.63	20- 30	984.5	1720	13.5,13.5
40	206.4	364.9	388.9	407.3	173.9	69.60	64.81	84.41	30- 40	1374	3095	24.2,24.2
50	274.1	432.8	426.3	505.1	258.3	63.71	55.66	79.64	40- 50	1871	4966	38.9,38.9
60	418.5	587.4	274.6	698.2	386.3	57.15	43.60	68.14	50- 60	2789	7754	60.7,60.7
70	419.3	675.7	36.63	995.6	358.6	40.39	30.80	49.64	60- 70	3439	11193	87.6,87.6
80	14.36	25.51	3.246	48.50	13.41	13.78	5.925	22.06	70- 80	1518	12711	99.5,99.5
90	0.2611	0.1489	0.2381	0.3887	0.3165	0.3873	0.1217	0.8053	80- 90	67.88	12779	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 A10cd								UNIT: lm			

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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

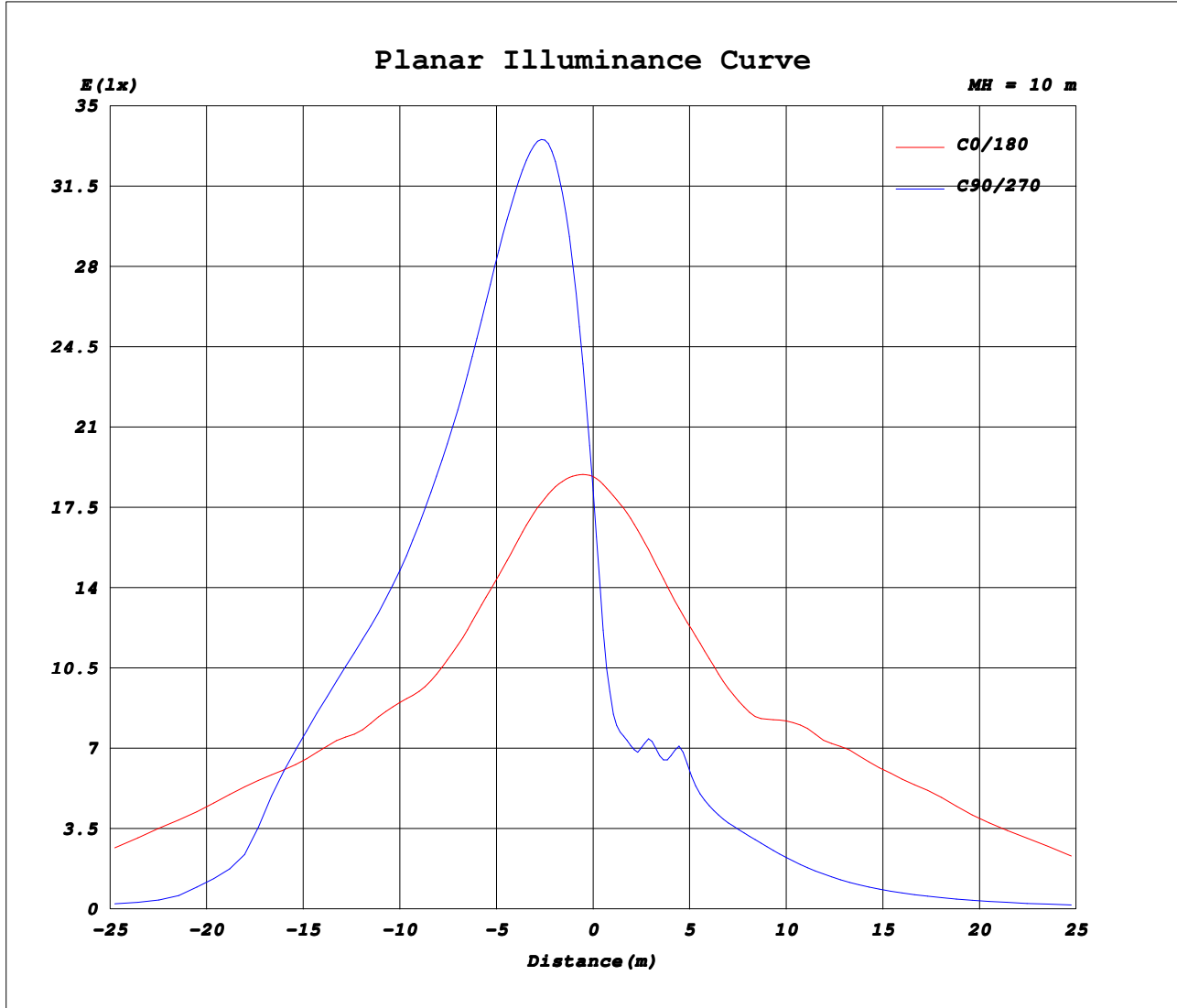
Test:U:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:110W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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



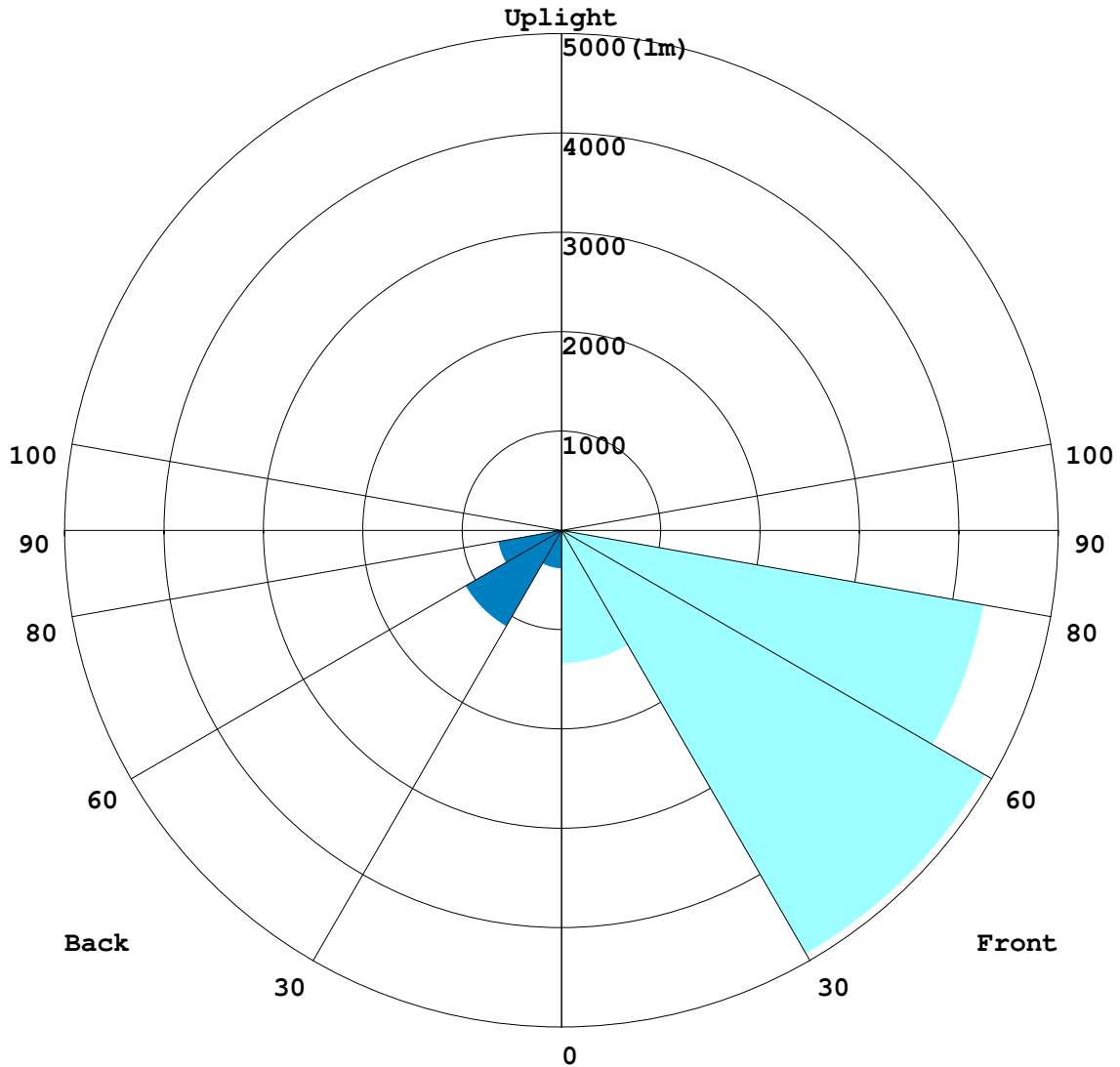
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 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: 30.06.2020

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:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 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)	1336.7	10.5
FM - Front-Medium(30-60)	4921.8	38.5
FH - Front-High(60-80)	4313.6	33.8
FVH - Front-Very High(80-90)	40.071	0.3
Total Forward Light	10612	83.0

BL - Back-Low(0-30)	383.72	3.0
BM - Back-Medium(30-60)	1112	8.7
BH - Back-High(60-80)	643.56	5.0
BVH - Back-Very High(80-90)	27.812	0.2
Total Back Light	2167	17.0

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2167	0	2167
Street Side	10612	0	10612

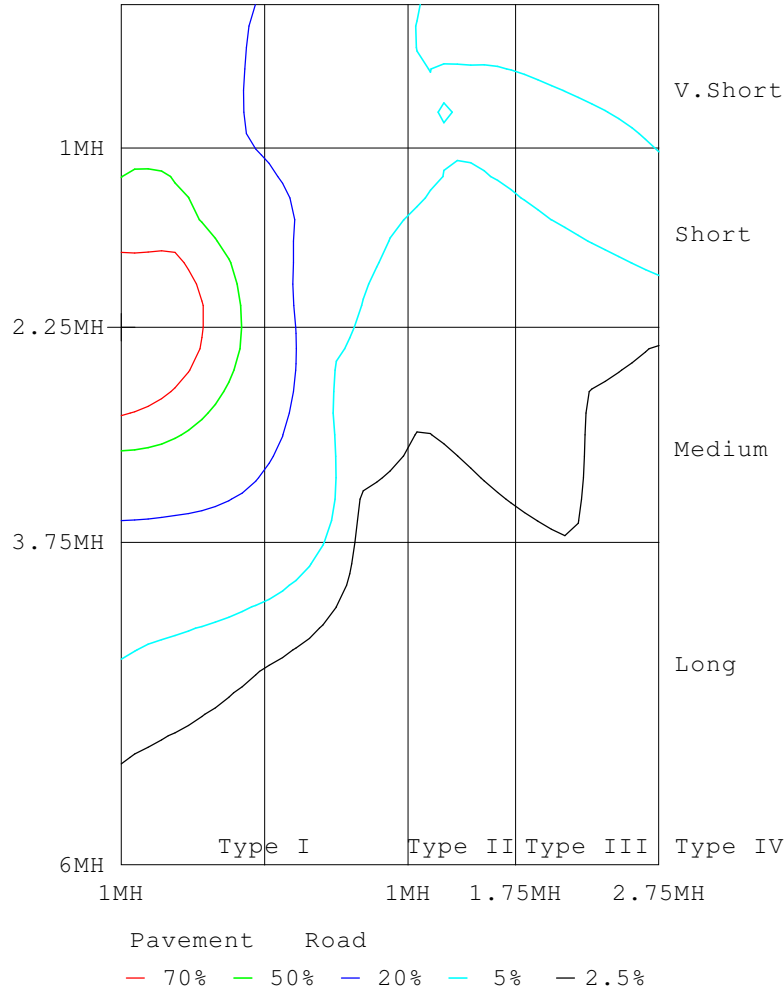
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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:230.43V I:0.4833A P:109.35W PF:0.9819 Freq:50.01Hz Lamp Flux:12779.2x1 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: 30.06.2020

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

