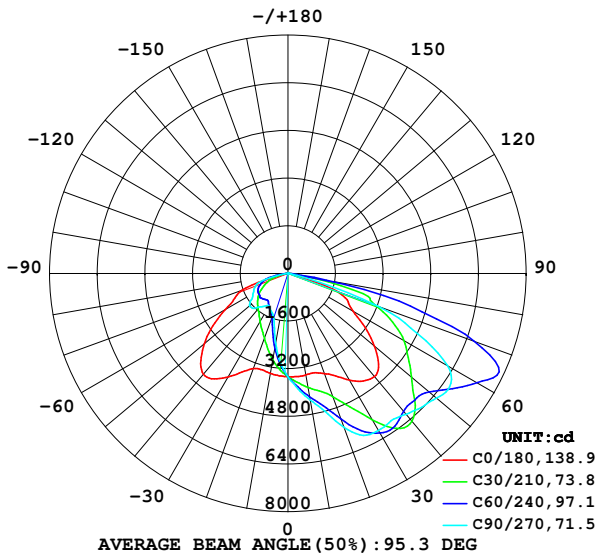
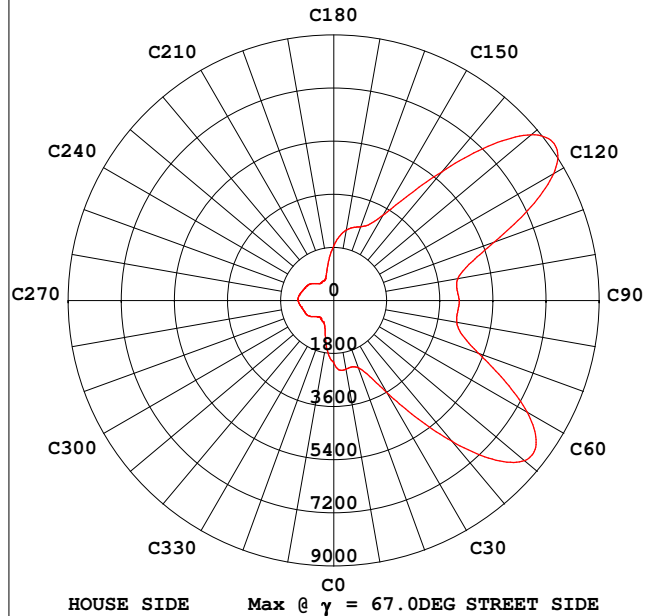


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.00 lm/W			
MODEL	LYS50	I _{max} (cd)	8745	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	77.0
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	16369	η house_up (%)	0.0
NOMINAL FLUX (lm)	16368.7	MAXIMUM @ (C, γ)	130,67.0	η house_down (%)	23.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	17.766

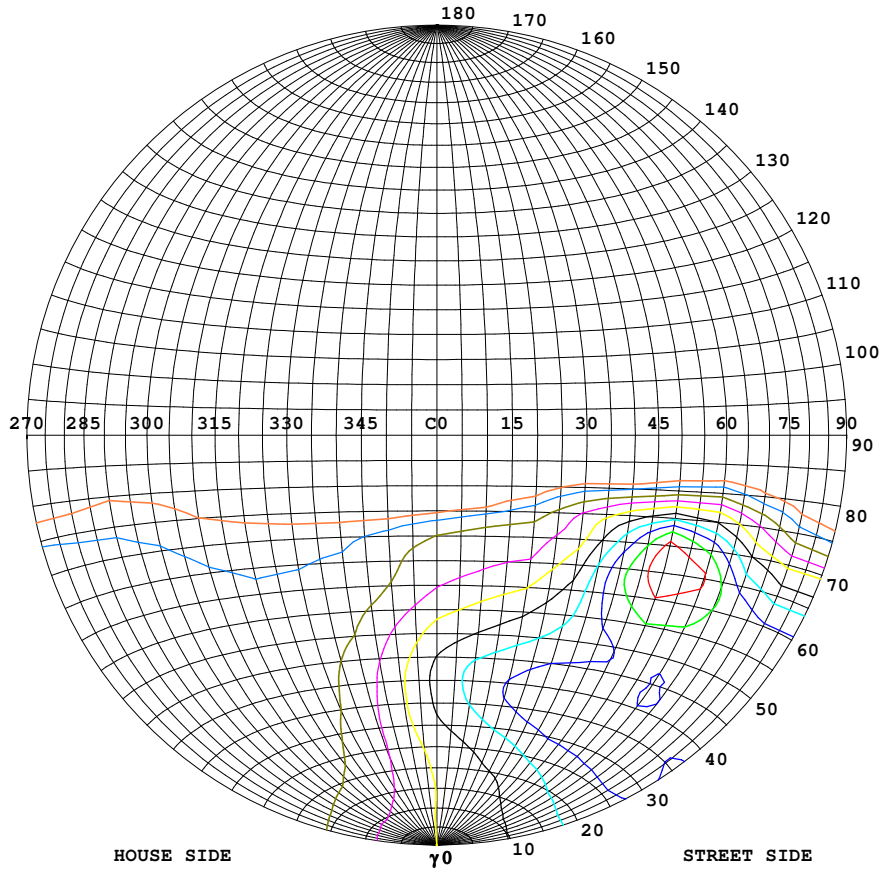
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS50-150W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

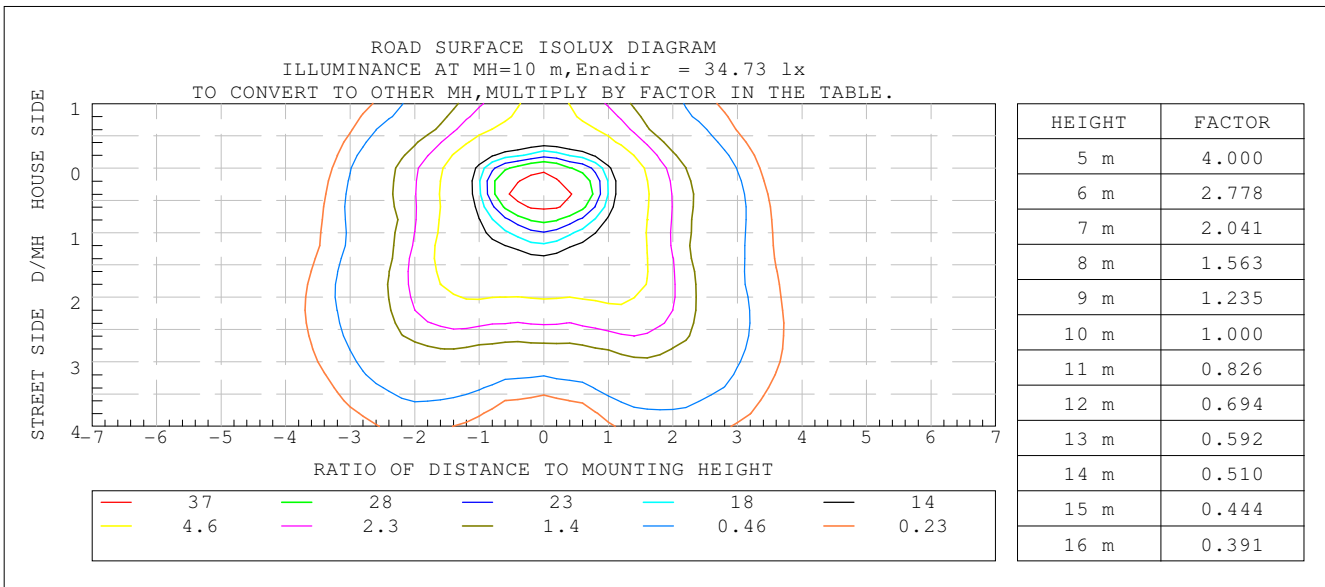
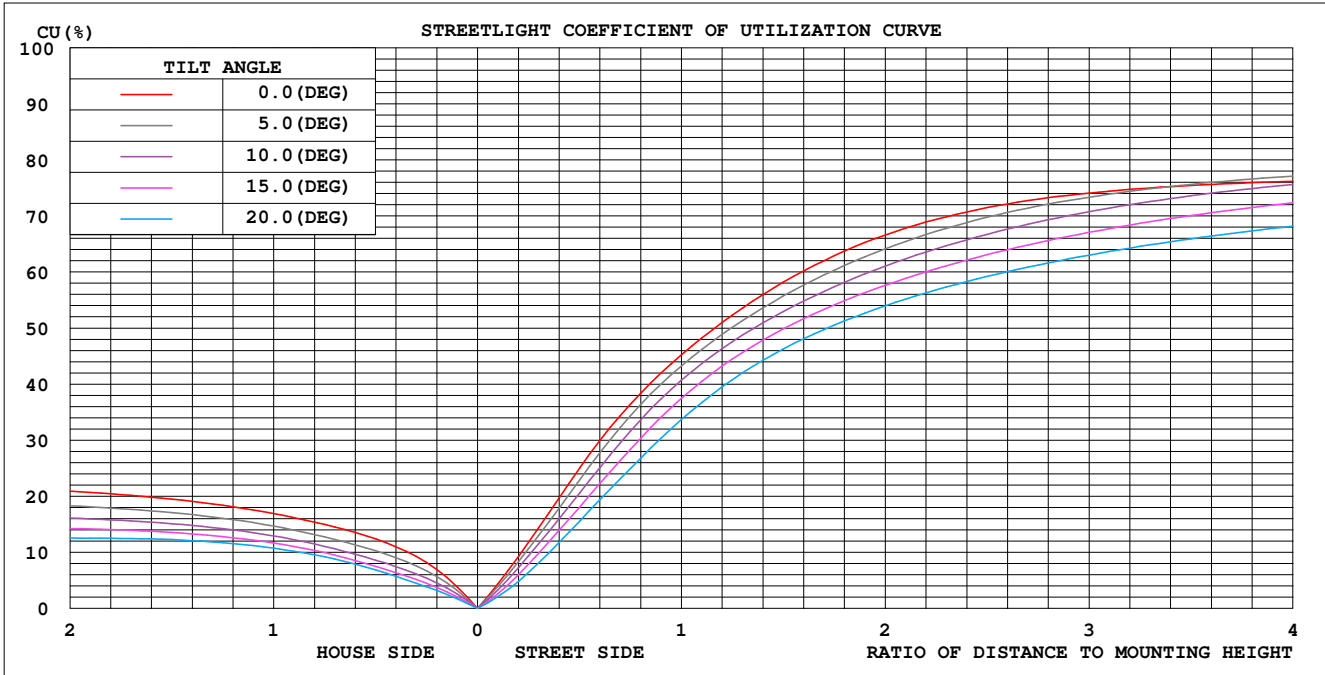
IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:118.9cd/klm
 Max.At90:0.4232cd/klm
 Max.80-90:118.9cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8745
90%	7870
80%	6996
70%	6121
60%	5247
50%	4372
40%	3498
30%	2623
20%	1749
10%	874
5%	437

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: LYS50-150W

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: LYS50-150W

ZONAL FLUX DIAGRAM

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

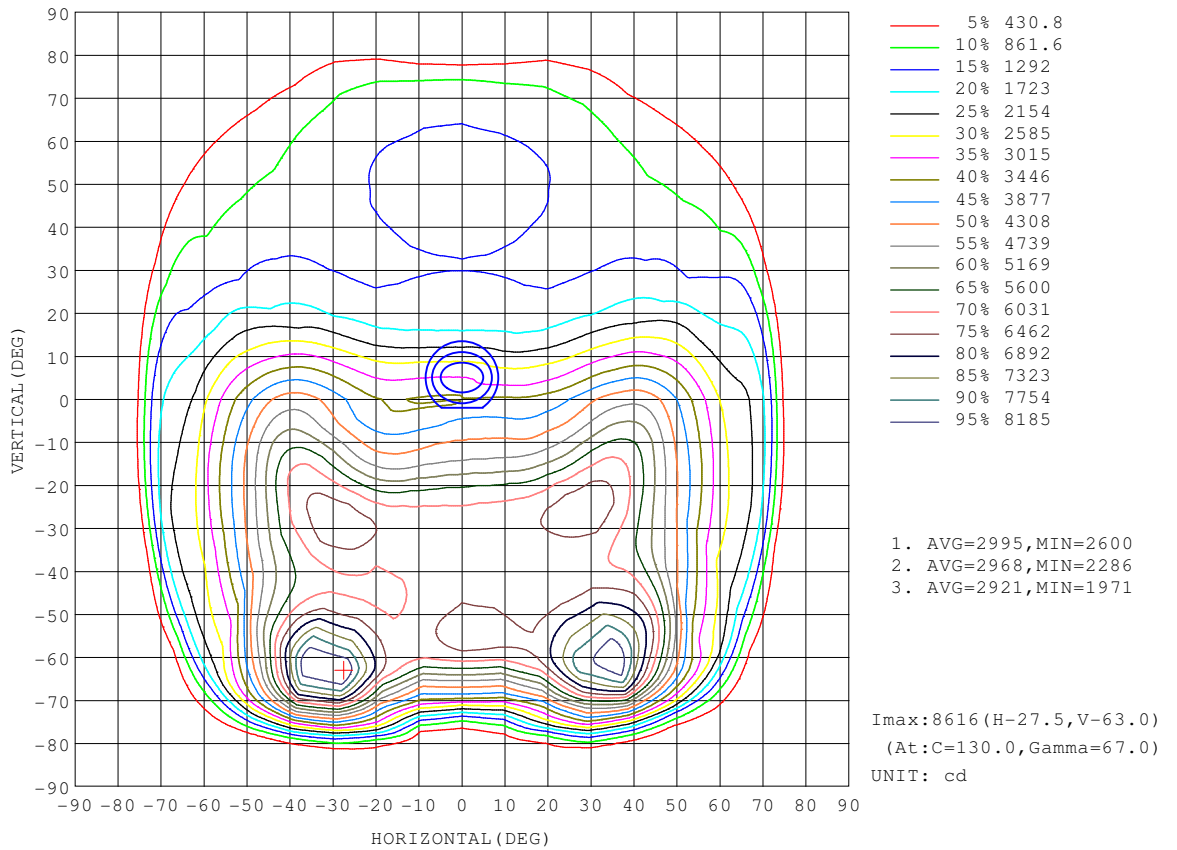
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	3462	4074	4310	4041	3411	2733	2394	2707	0- 10	327.3	327.3	2,2
20	3582	4805	5494	4635	3403	1854	1482	1862	10- 20	948.6	1276	7.79, 7.79
30	4135	6140	6086	5948	4013	1404	1279	1455	20- 30	1666	2942	18,18
40	4527	6444	6172	6853	4416	1221	1467	1273	30- 40	2474	5417	33.1, 33.1
50	3795	6048	6513	6089	3662	1145	1689	1185	40- 50	2981	8398	51.3, 51.3
60	2520	7113	6180	6636	2442	1024	1360	1032	50- 60	3163	11561	70.6, 70.6
70	1726	6775	3194	6765	1629	724.9	1131	676.9	60- 70	3059	14620	89.3, 89.3
80	91.89	1052	71.77	1732	102.2	203.7	185.6	148.1	70- 80	1641	16261	99.3, 99.3
90	1.664	2.165	2.063	6.670	2.621	4.967	3.471	6.501	80- 90	107.3	16369	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: 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: LYS50-150W

ISOCANDELA DIAGRAM

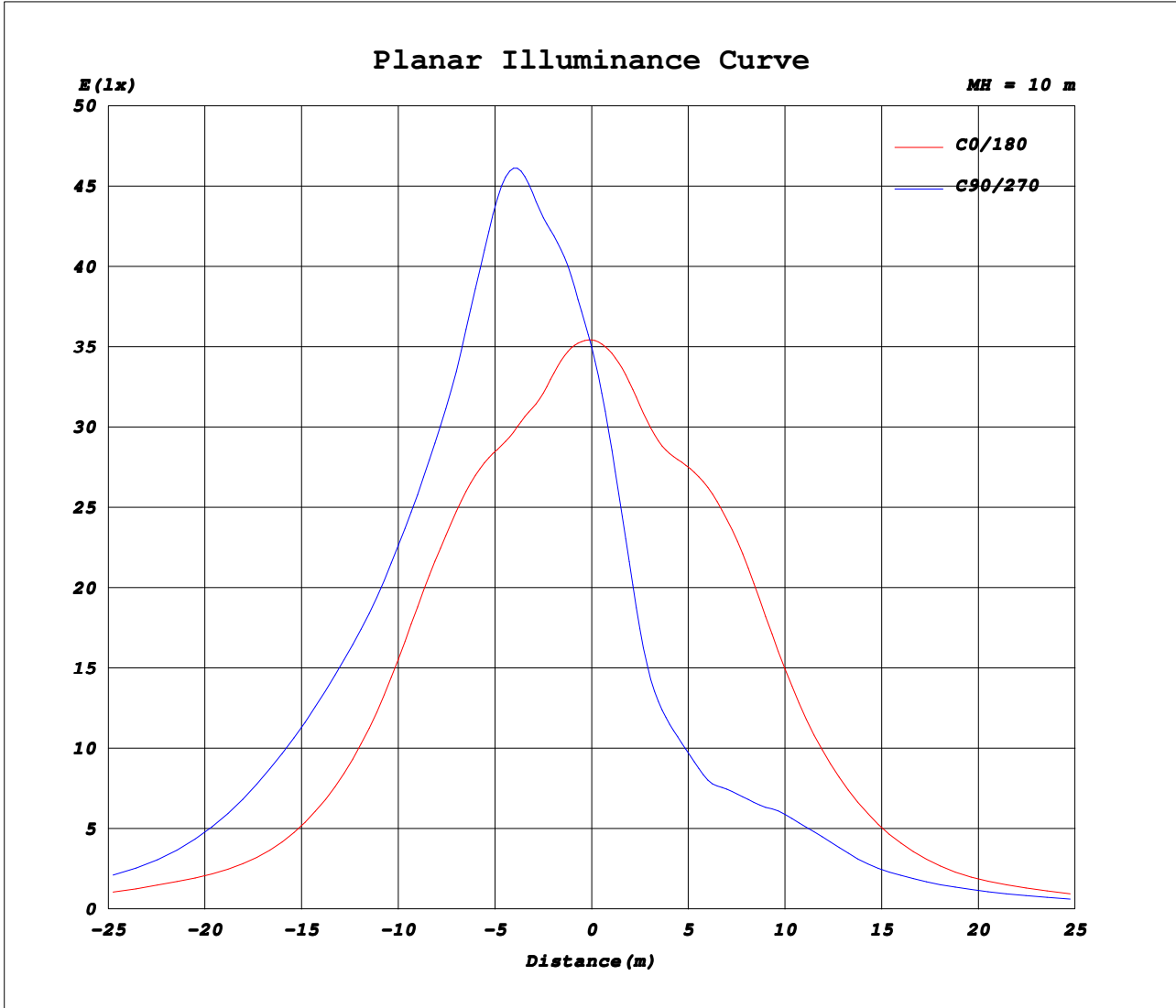
Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS50-150W

Planar Illuminance Curve



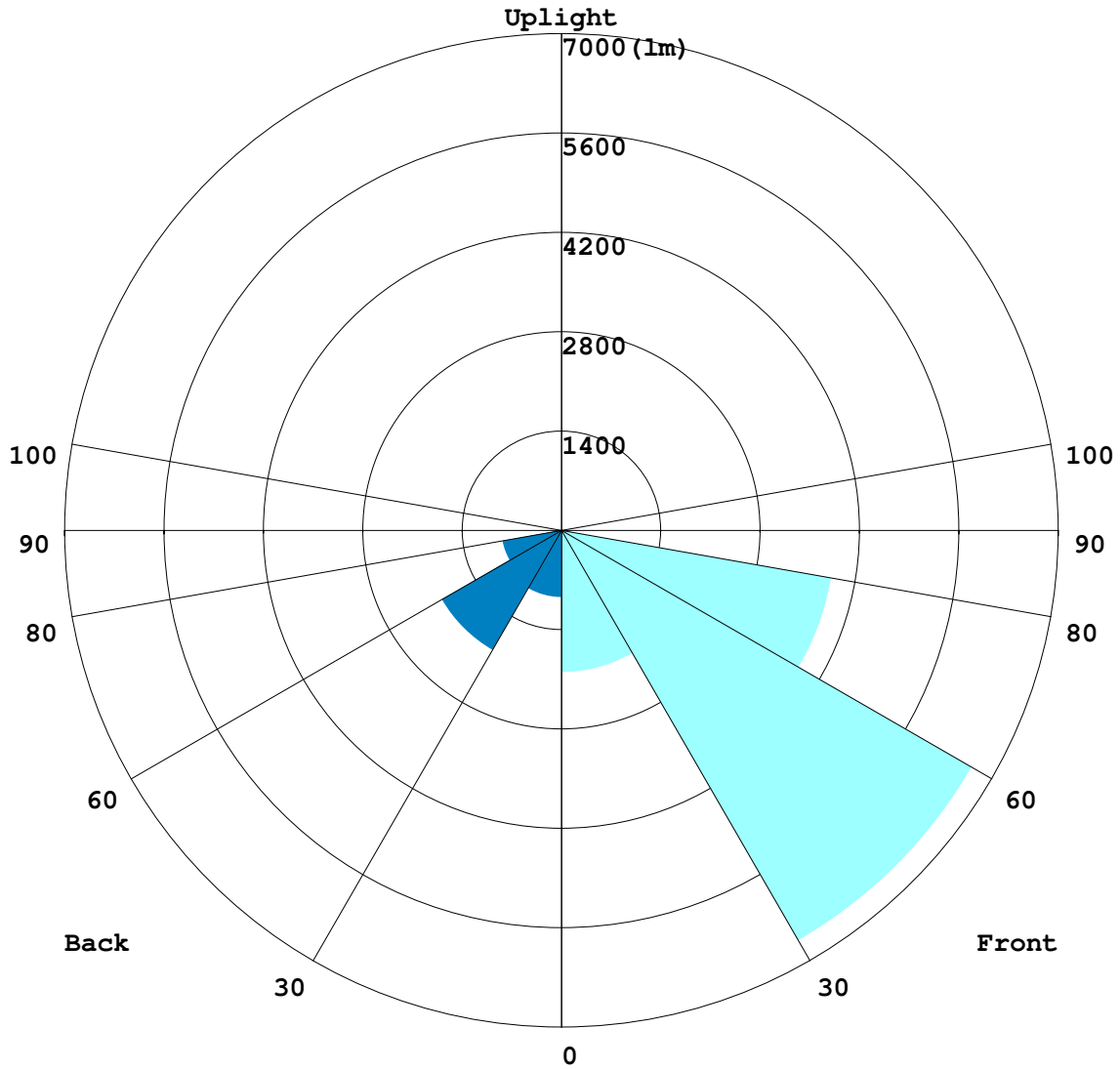
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-150W

LCS REPORT

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	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: LYS50-150W

BUG REPORT

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2000.7	12.2
FM - Front-Medium(30-60)	6672.7	40.8
FH - Front-High(60-80)	3859.3	23.6
FVH - Front-Very High(80-90)	76.428	0.5
Total Forward Light	12609	77.0

BL - Back-Low(0-30)	941.53	5.8
BM - Back-Medium(30-60)	1945.7	11.9
BH - Back-High(60-80)	841.44	5.1
BVH - Back-Very High(80-90)	30.848	0.2
Total Back Light	3759.5	23.0

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	3759.5	0	3759.5
Street Side	12609	0	12609

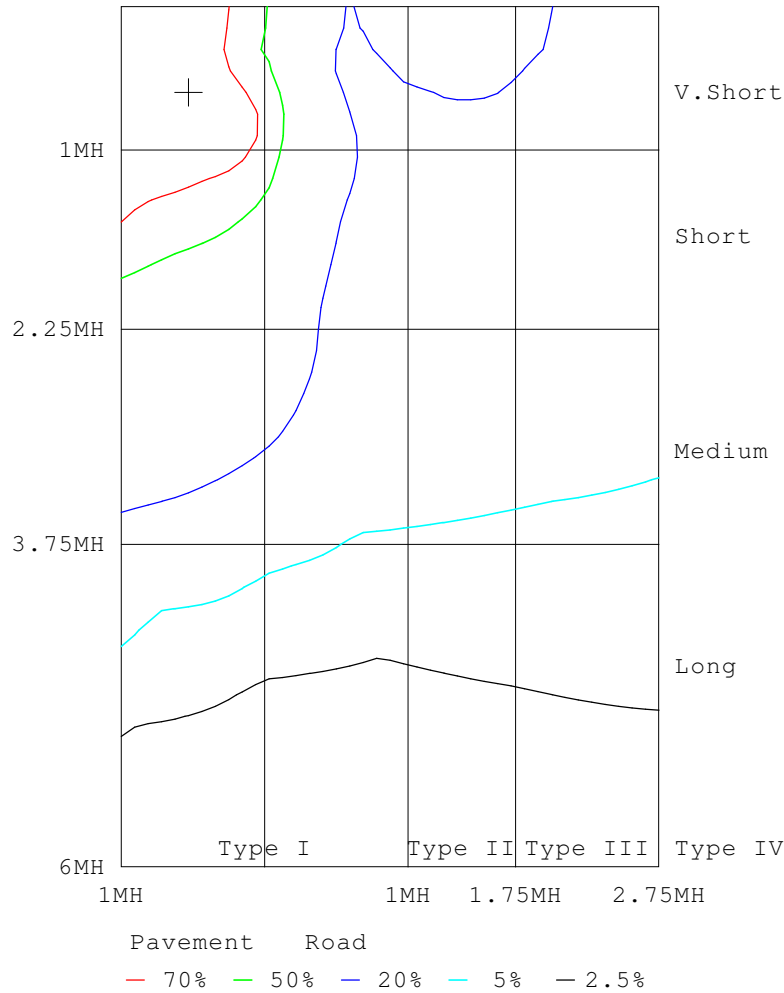
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-150W

ROAD ISOCANDELA REPORT

Test:U:230.44V I:0.6536A P:148.80W PF:0.9880 Freq:50.01Hz Lamp Flux:16368.7x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:150W	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: LYS50-150W

