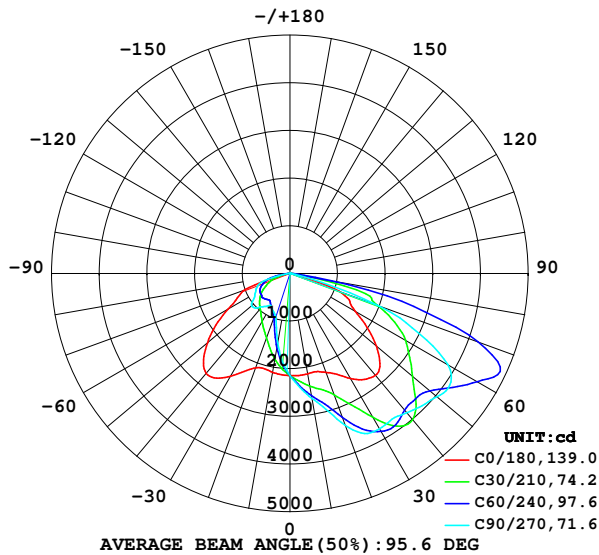
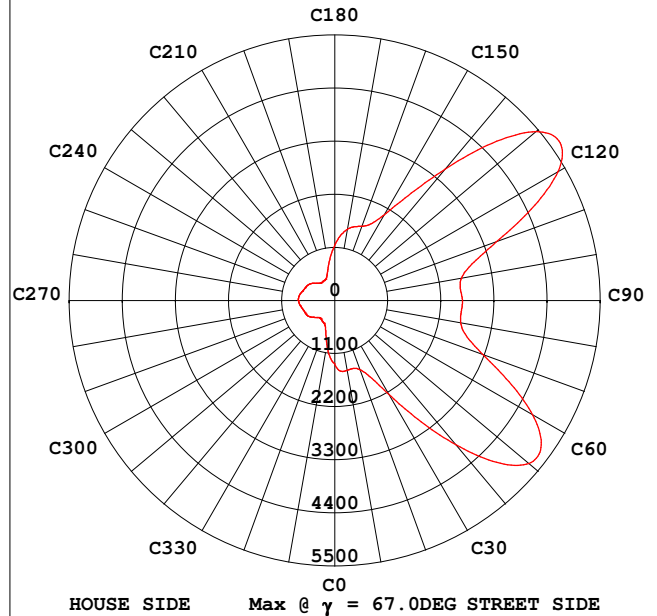


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.18 lm/W			
MODEL	LYS50	I _{max} (cd)	5445	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	76.9
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	10163	η house_up (%)	0.0
NOMINAL FLUX (lm)	10162.6	MAXIMUM @ (C, γ)	130,67.0	η house_down (%)	23.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	17.165

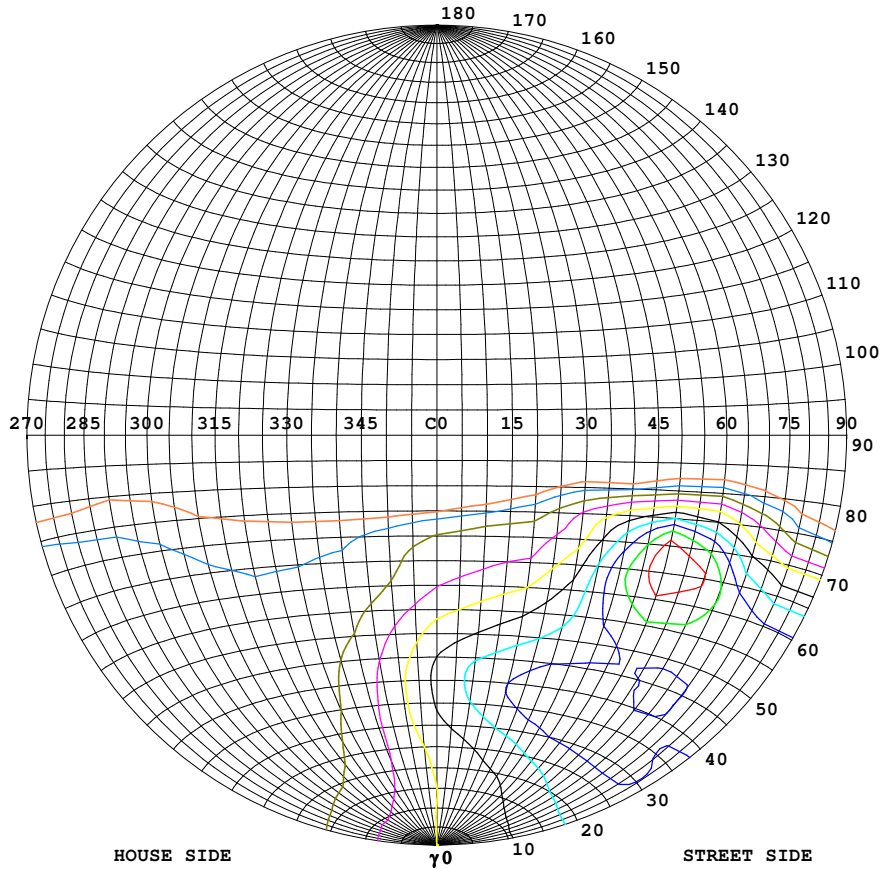
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS50-80W

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

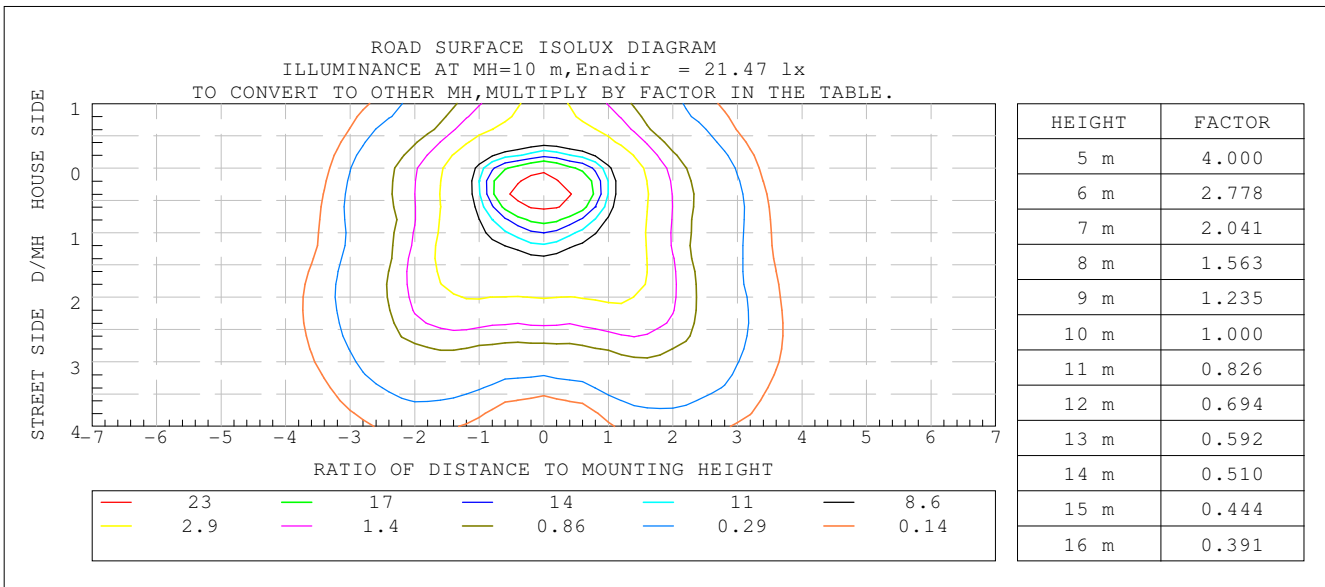
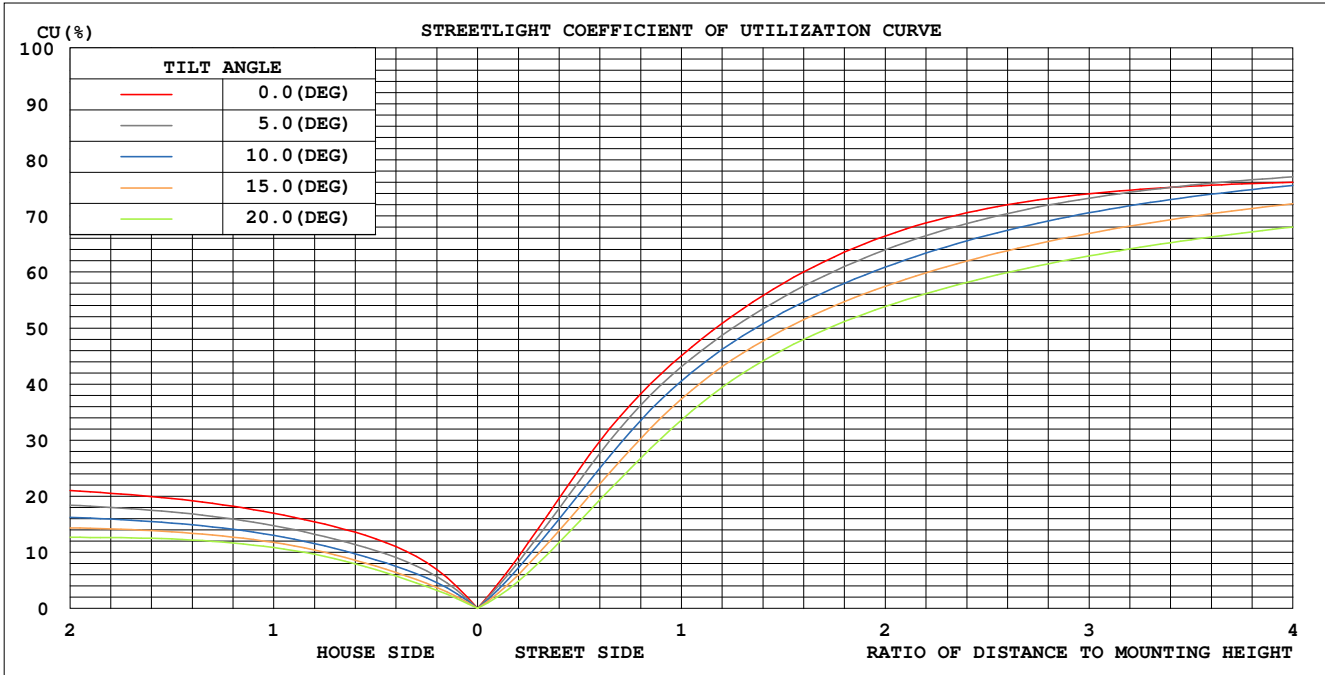
IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:116.9cd/klm
 Max.At90:0.4037cd/klm
 Max.80-90:116.9cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5445
90%	4900
80%	4356
70%	3811
60%	3267
50%	2722
40%	2178
30%	1633
20%	1089
10%	544
5%	272

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: LYS50-80W

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: LYS50-80W

ZONAL FLUX DIAGRAM

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

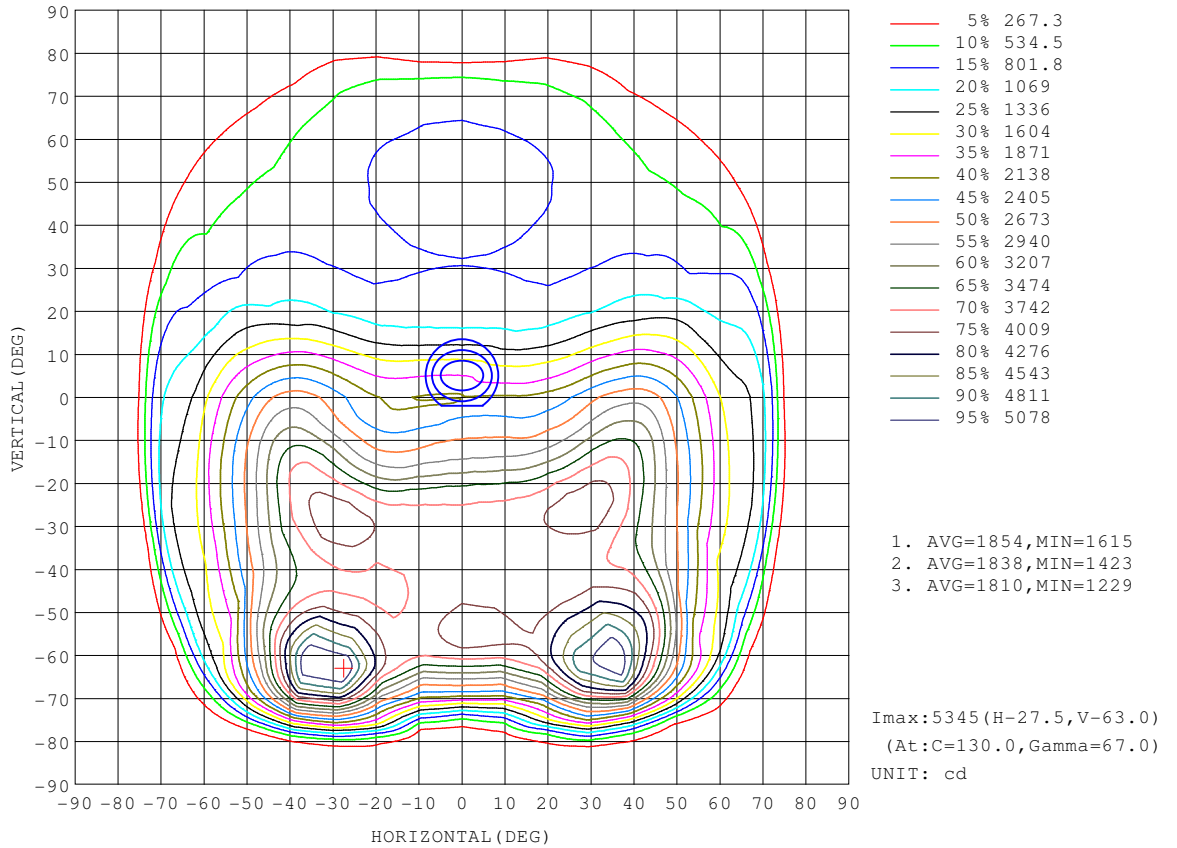
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	2140	2519	2660	2499	2107	1696	1487	1677	0- 10	202.5	202.5	1.99,1.99
20	2210	2965	3392	2866	2108	1159	923.6	1159	10- 20	587.2	789.7	7.77,7.77
30	2544	3789	3760	3689	2489	879.1	800.1	907.7	20- 30	1032	1822	17.9,17.9
40	2794	3990	3819	4242	2736	766.6	915.0	795.7	30- 40	1533	3355	33,33
50	2366	3742	4025	3764	2260	717.0	1057	743.0	40- 50	1848	5203	51.2,51.2
60	1578	4400	3821	4133	1503	639.6	849.2	652.4	50- 60	1963	7166	70.5,70.5
70	1093	4249	1984	4220	1001	450.5	703.2	432.3	60- 70	1904	9070	89.3,89.3
80	61.10	662.2	44.34	1035	61.78	124.6	118.1	101.3	70- 80	1026	10096	99.3,99.3
90	1.004	1.321	1.227	3.765	1.228	3.067	2.085	3.979	80- 90	66.67	10163	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: LYS50-80W

ISOCANDELA DIAGRAM

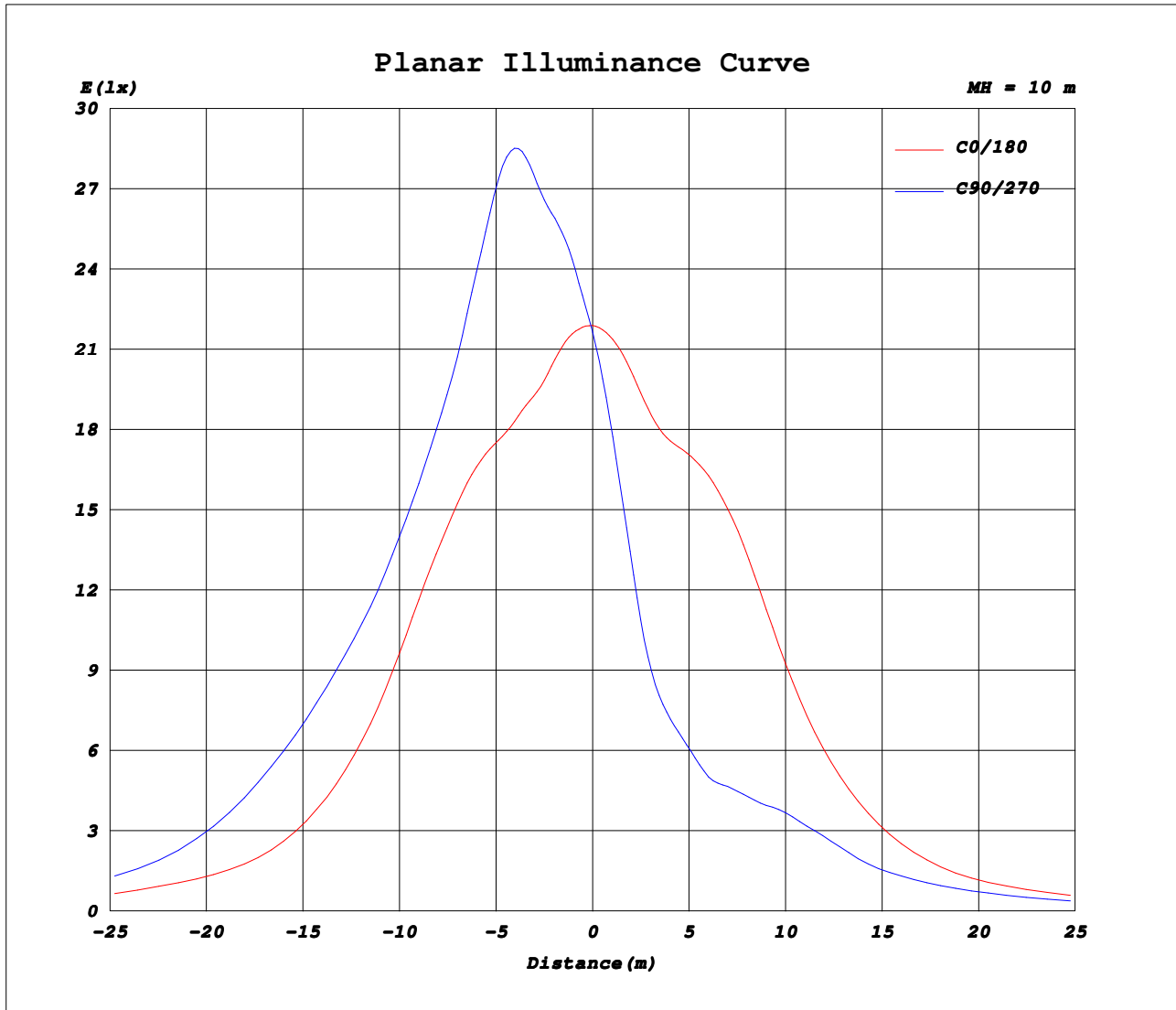
Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS50-80W

Planar Illuminance Curve



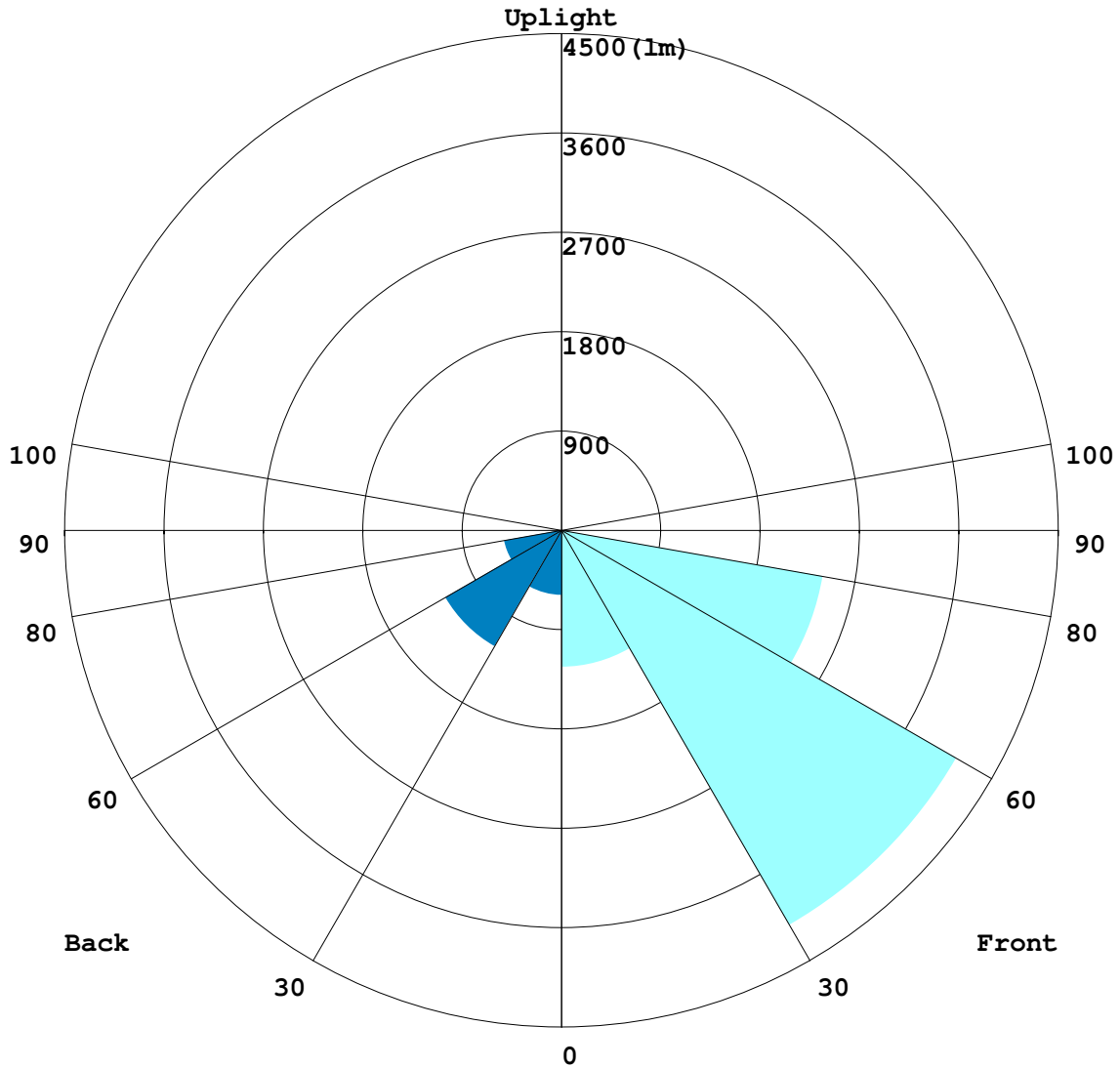
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

LCS REPORT

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	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: LYS50-80W

BUG REPORT

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1236.5	12.2
FM - Front-Medium(30-60)	4129.8	40.6
FH - Front-High(60-80)	2402.7	23.6
FVH - Front-Very High(80-90)	47.101	0.5
Total Forward Light	7816	76.9

BL - Back-Low(0-30)	585.21	5.8
BM - Back-Medium(30-60)	1214.5	12.0
BH - Back-High(60-80)	527.3	5.2
BVH - Back-Very High(80-90)	19.573	0.2
Total Back Light	2346.6	23.1

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	2346.6	0	2346.6
Street Side	7816	0	7816

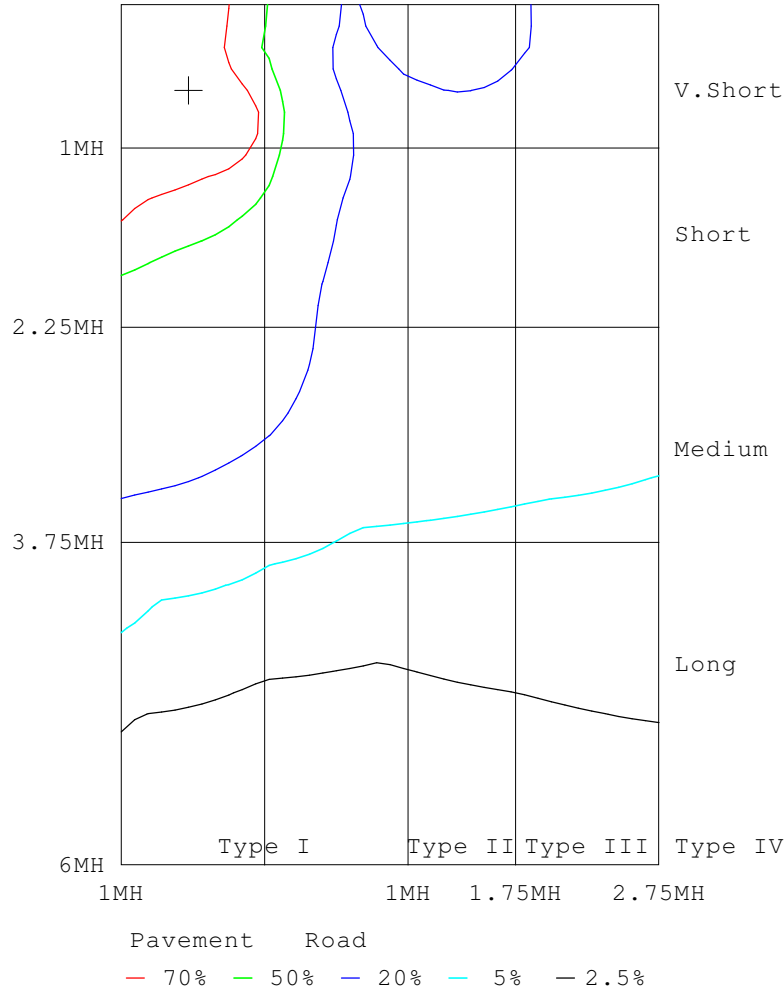
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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: LYS50-80W

ROAD ISOCANDELA REPORT

Test:U:230.42V I:0.3595A P:80.542W PF:0.9723 Freq:50.01Hz Lamp Flux:10162.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	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: LYS50-80W

