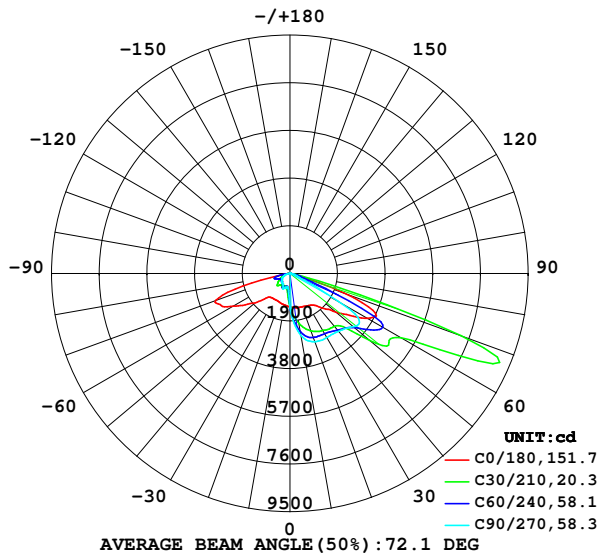
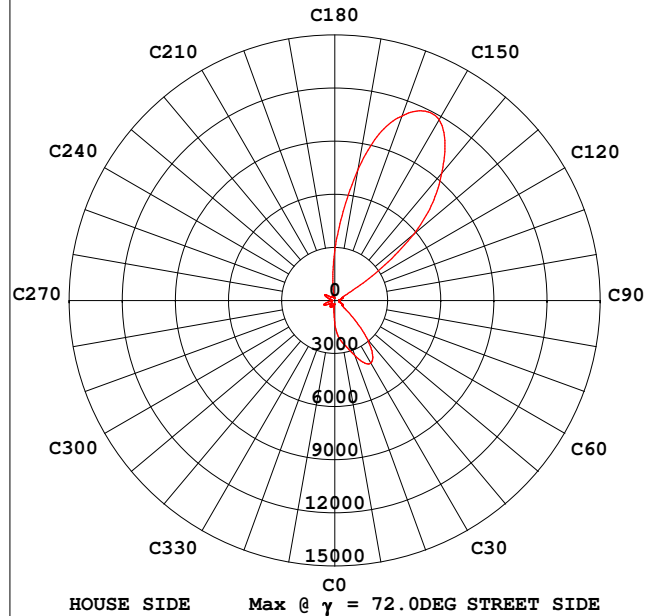


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 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: 123.74 lm/W			
MODEL	LYS50	I _{max} (cd)	11801	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	83.1
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	9916	η house_up (%)	0.0
NOMINAL FLUX (lm)	9915.6	MAXIMUM @ (C, γ)	150,72.0	η house_down (%)	16.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	17.048

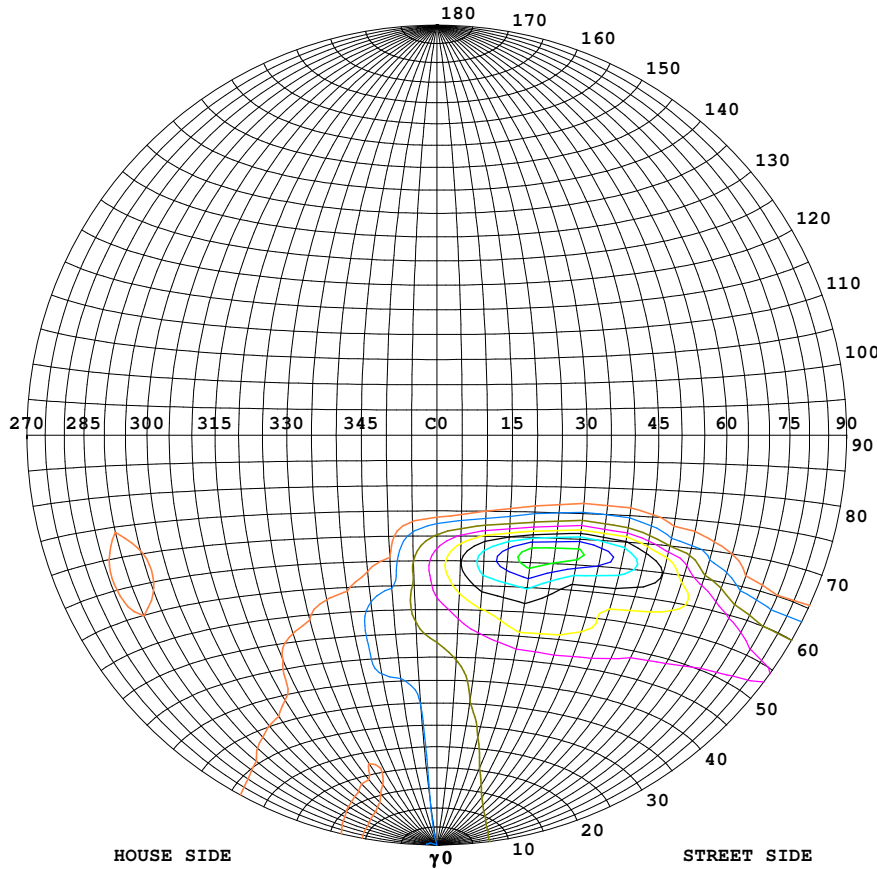
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

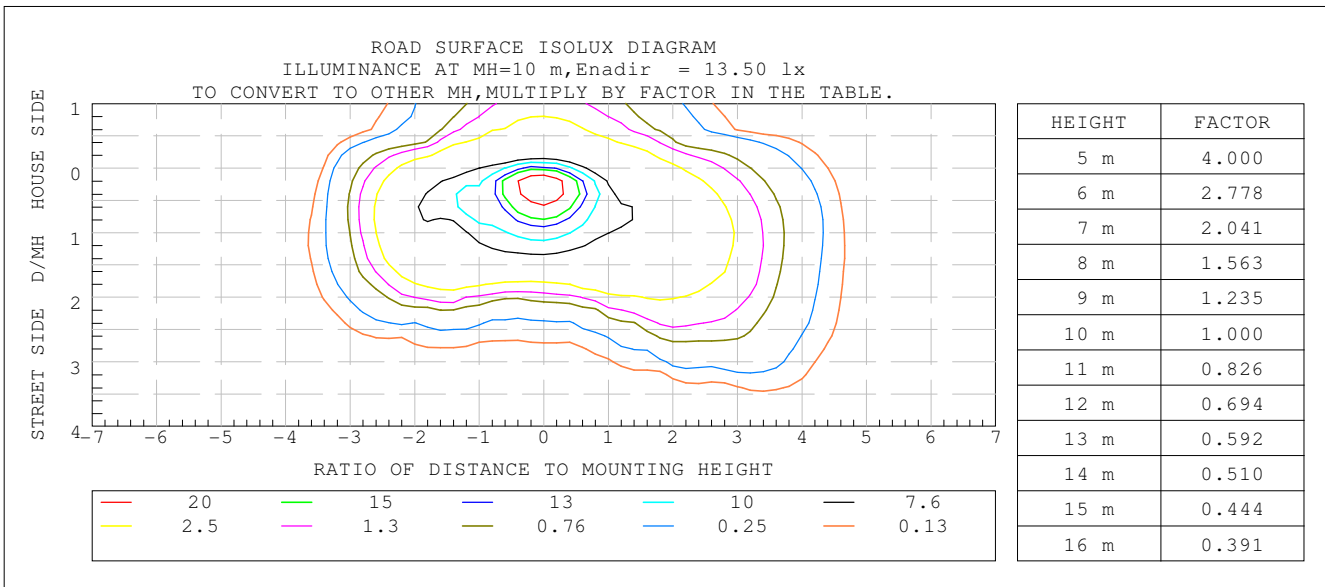
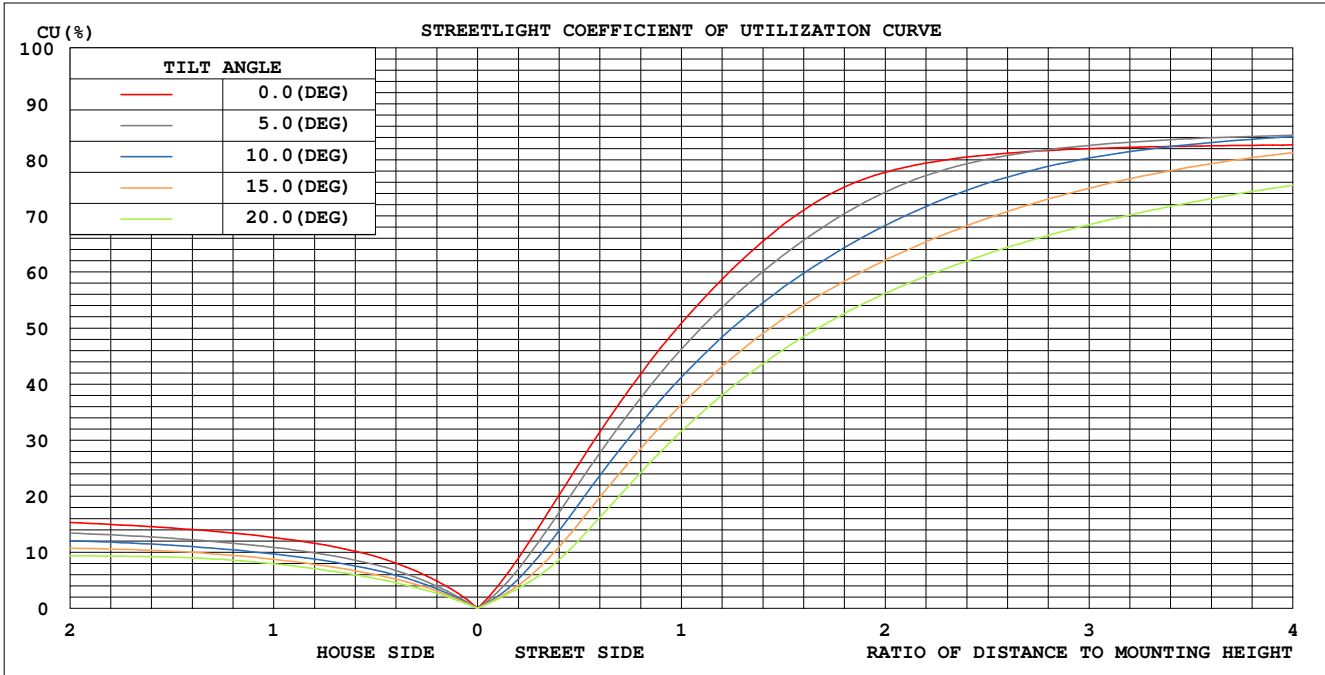
IES:Type III - Medium
 CIE:Broad - Long
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:148.1cd/klm
 Max.At90:1.553cd/klm
 Max.80-90:148.1cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	11801
— 90%	10621
— 80%	9441
— 70%	8261
— 60%	7081
— 50%	5900
— 40%	4720
— 30%	3540
— 20%	2360
— 10%	1180
— 5%	590

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:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

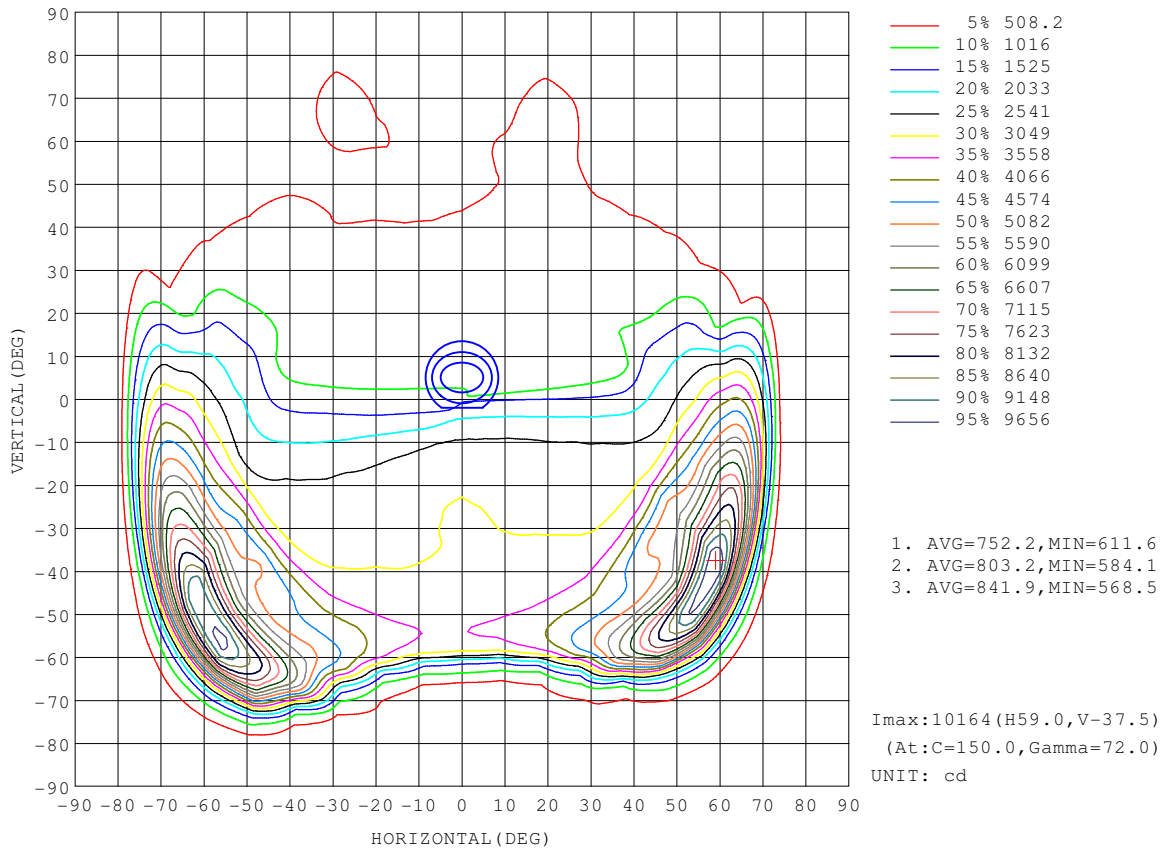
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	138.6	219.7	248.8	236.1	128.1	59.08	57.22	68.52	0- 10	131.1	131.1	1.32,1.32
20	142.0	264.1	289.7	291.4	122.9	56.62	58.78	71.53	10- 20	437.1	568.2	5.73,5.73
30	148.3	273.9	295.4	305.7	120.6	61.03	54.54	75.37	20- 30	763.3	1331	13.4,13.4
40	170.4	283.2	301.8	314.7	124.8	54.89	50.58	64.63	30- 40	1067	2399	24.2,24.2
50	240.7	364.1	330.3	353.8	182.8	48.65	44.03	61.86	40- 50	1459	3858	38.9,38.9
60	359.0	498.4	222.8	512.6	261.9	45.67	34.82	49.36	50- 60	2153	6011	60.6,60.6
70	230.1	391.7	28.81	766.9	315.2	34.81	24.13	36.94	60- 70	2596	8607	86.8,86.8
80	4.796	9.584	2.509	91.11	27.16	14.07	4.259	10.89	70- 80	1240	9847	99.3,99.3
90	0.2322	0.0869	0.1438	0.9796	0.9972	0.4935	0.0878	0.6568	80- 90	68.48	9916	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: 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

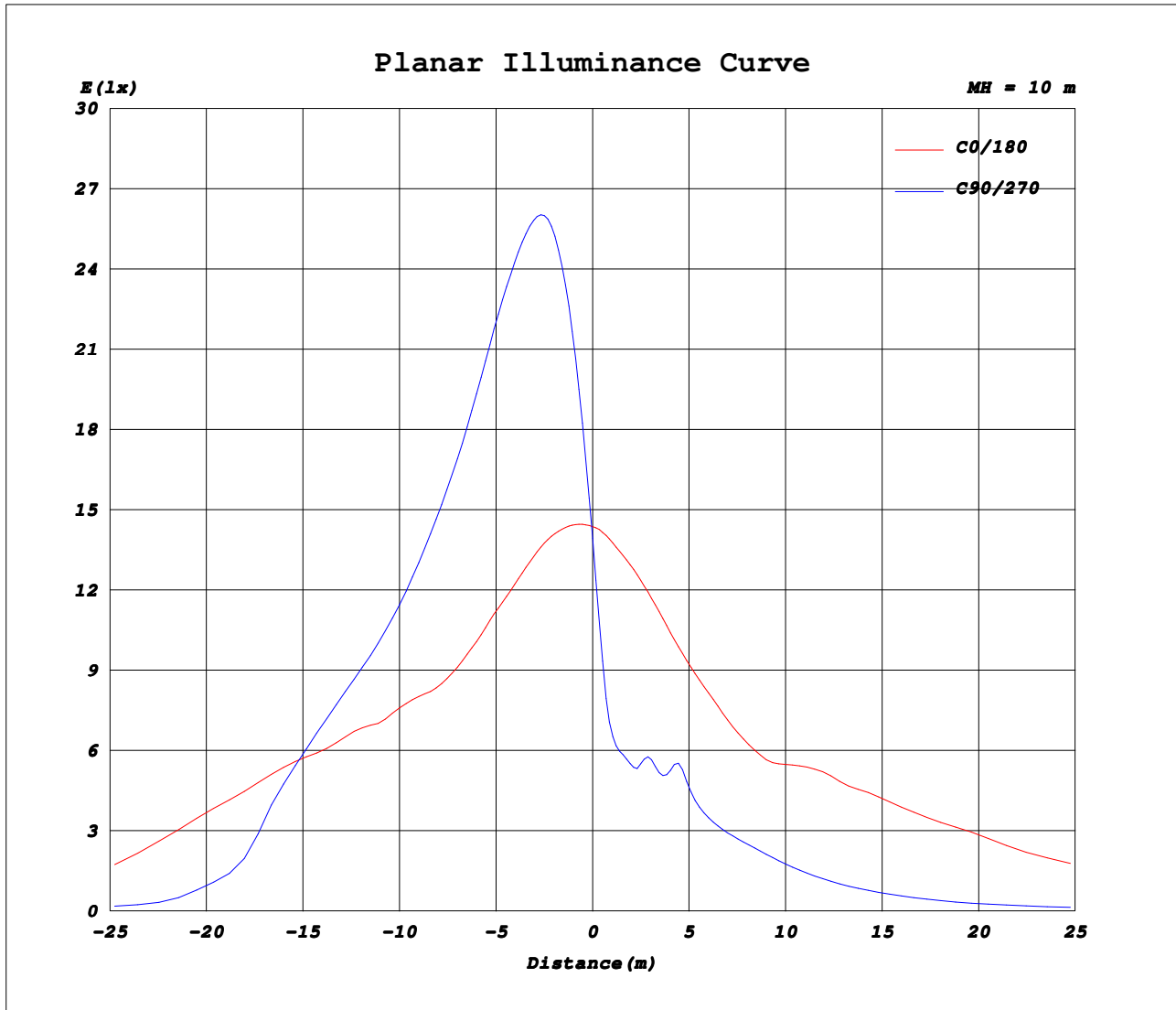
Test:U:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 lm		
NAME: LYS50	TYPE:LED	WEIGHT:12kg
SPEC.:80W	DIM.: 600X300X75mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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



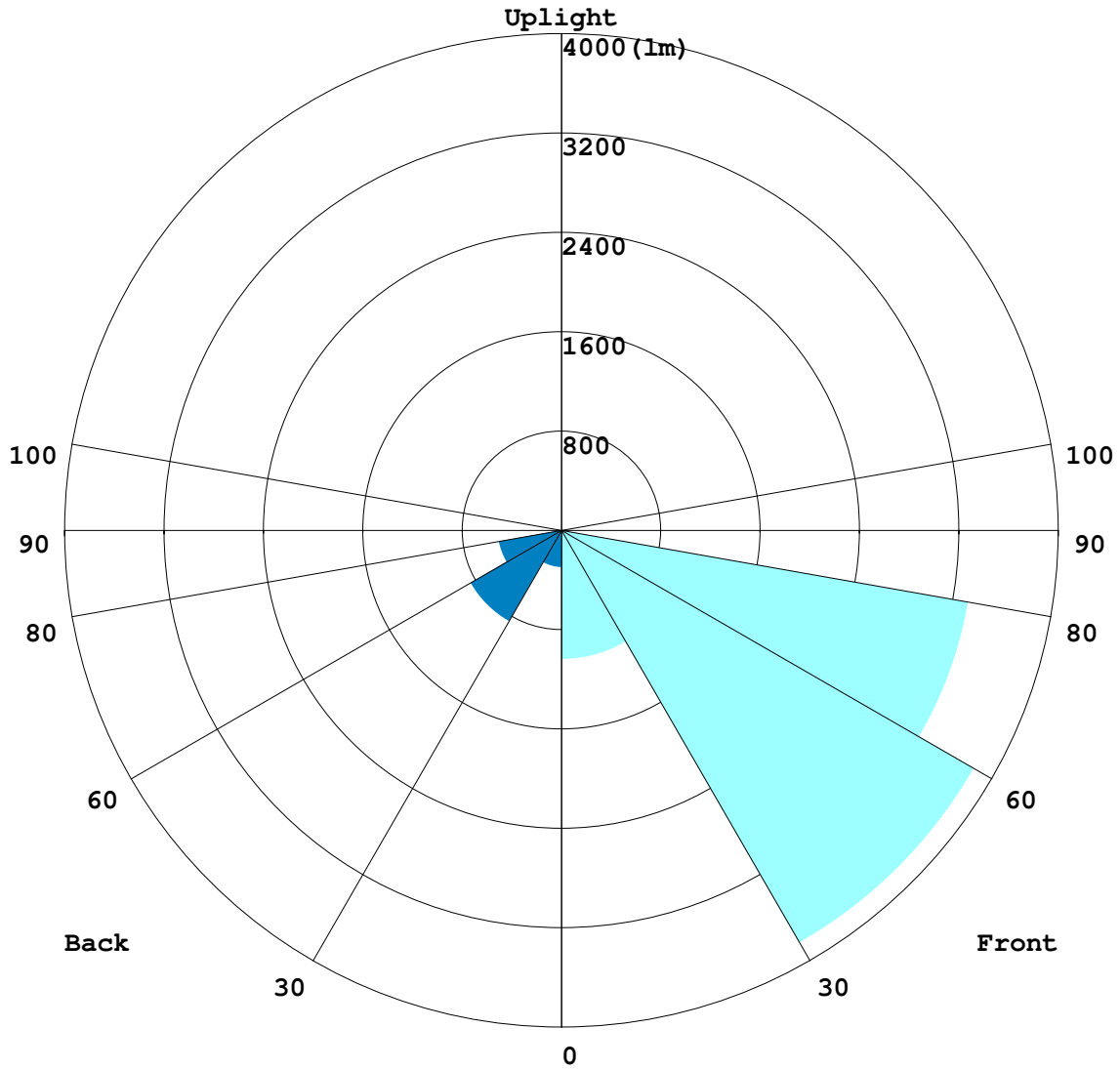
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 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:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 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)	1035.5	10.4
FM - Front-Medium(30-60)	3834.6	38.7
FH - Front-High(60-80)	3325.9	33.5
FVH - Front-Very High(80-90)	45.586	0.5
Total Forward Light	8241.6	83.1

BL - Back-Low(0-30)	295.95	3.0
BM - Back-Medium(30-60)	844.81	8.5
BH - Back-High(60-80)	510.3	5.1
BVH - Back-Very High(80-90)	22.896	0.2
Total Back Light	1674	16.9

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	1674	0	1674
Street Side	8241.6	0	8241.6

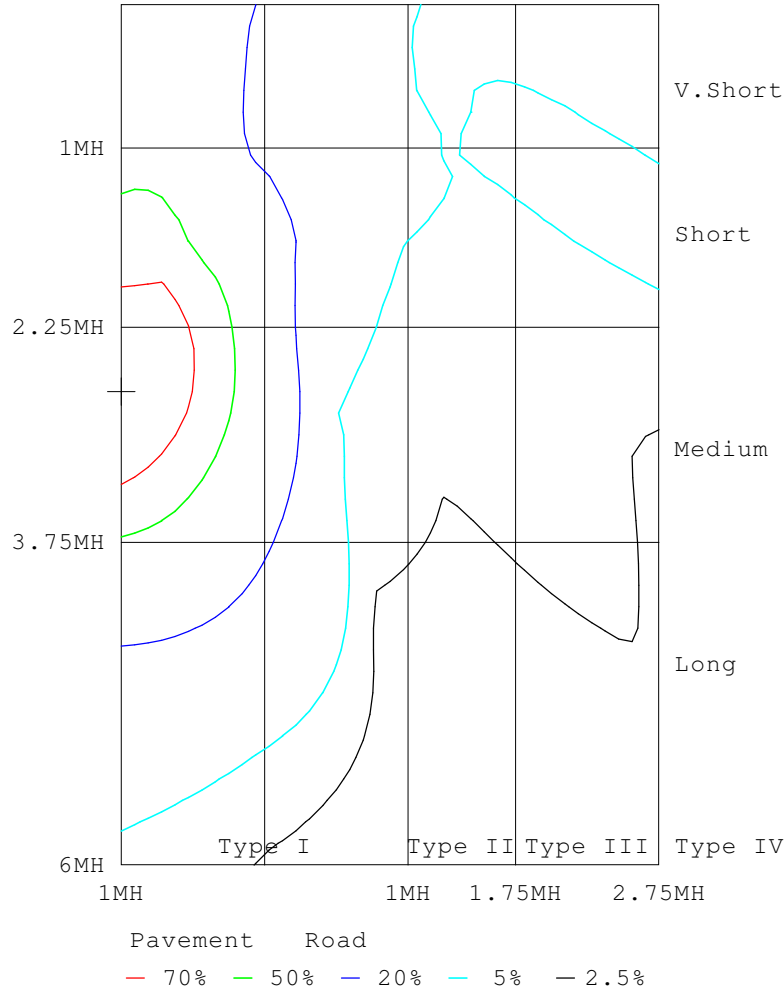
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 30.06.2020

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:230.45V I:0.3577A P:80.134W PF:0.9722 Freq:50.01Hz Lamp Flux:9915.6x1 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

