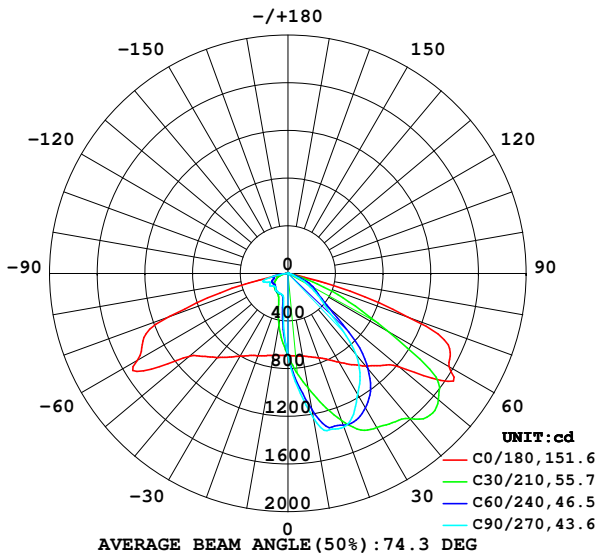
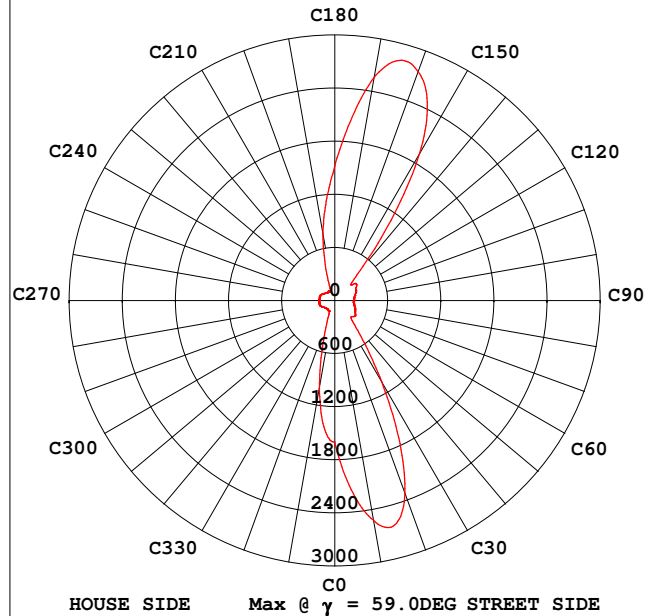


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.60 lm/W			
MODEL	LYS15	I _{max} (cd)	2752	η street_up (%)	0.0
NOMINAL POWER (W)	27W	LOR (%)	100.0	η street_down (%)	78.1
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3070	η house_up (%)	0.0
NOMINAL FLUX (lm)	3069.83	MAXIMUM @ (C, γ)	160,59.0	η house_down (%)	21.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.411

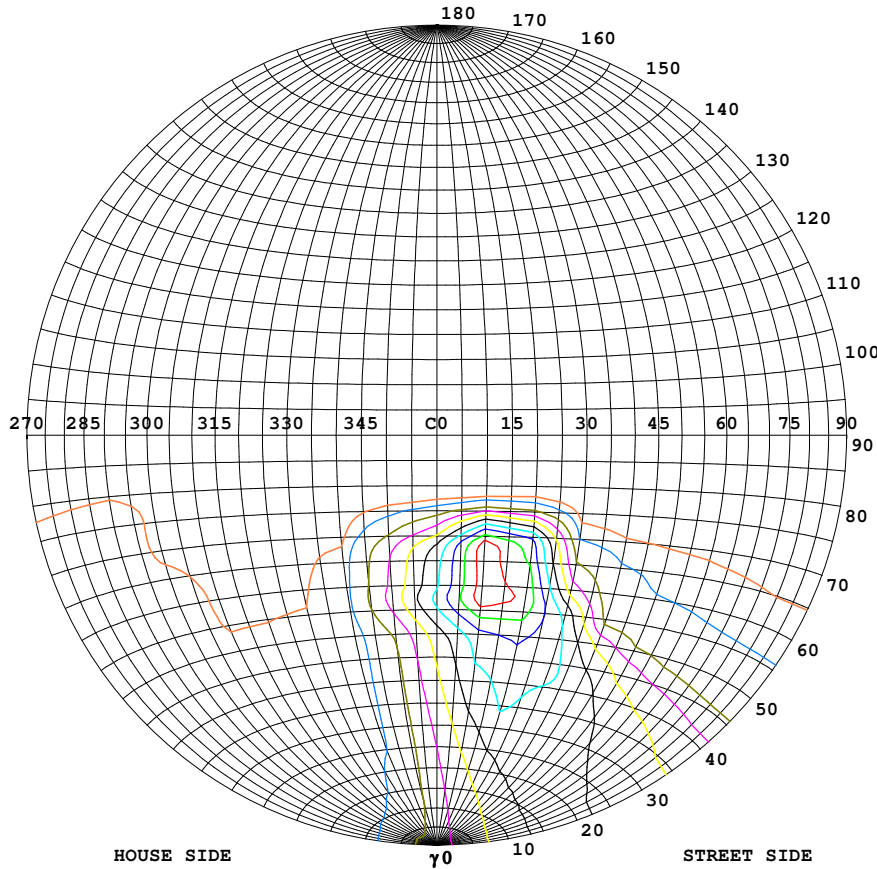
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T2

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

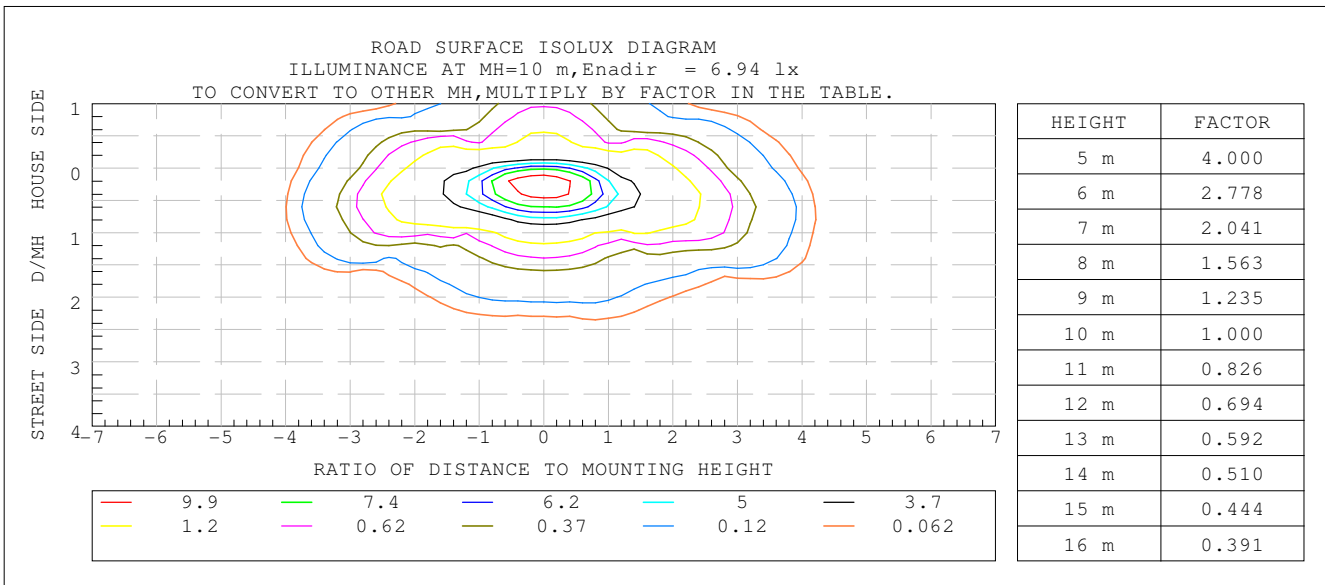
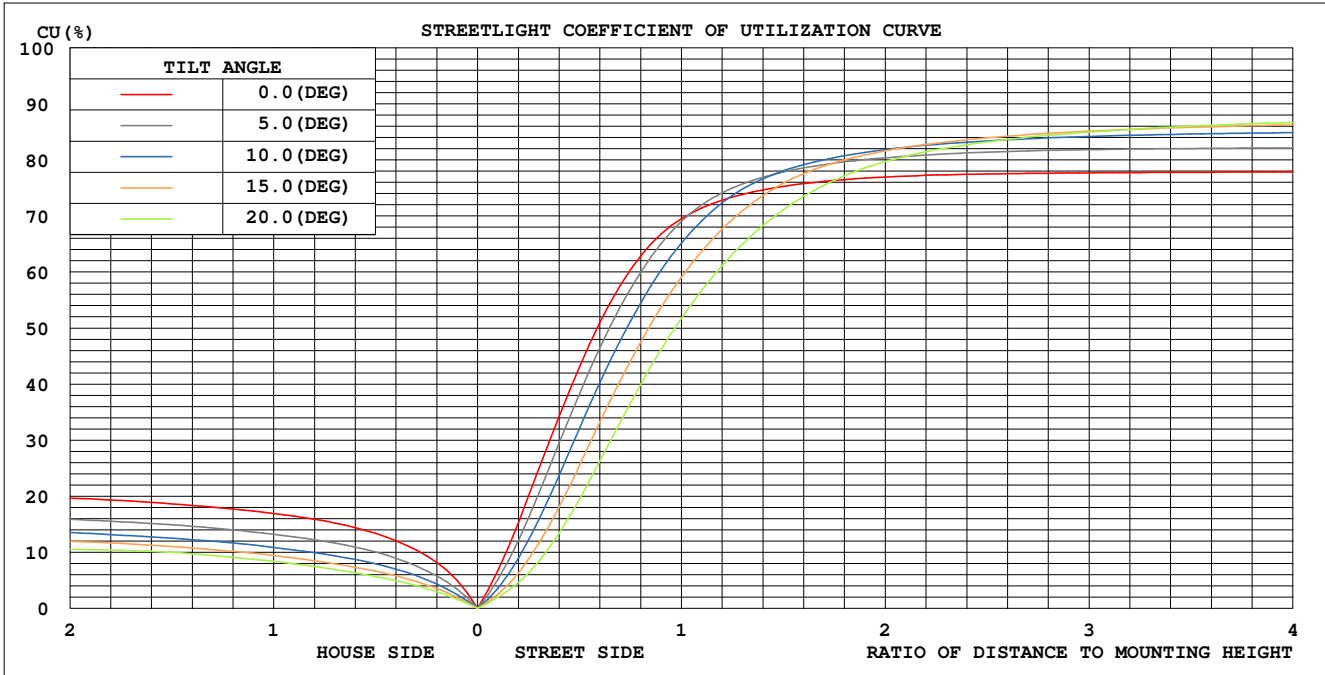
IES:Type II - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:41.00cd/klm
 Max.At90:0.6283cd/klm
 Max.80-90:41.00cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2752
— 90%	2477
— 80%	2202
— 70%	1927
— 60%	1651
— 50%	1376
— 40%	1101
— 30%	826
— 20%	550
— 10%	275
— 5%	138

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:07.07.2020

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: LYS15-27W-T2

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T2

ZONAL FLUX DIAGRAM

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

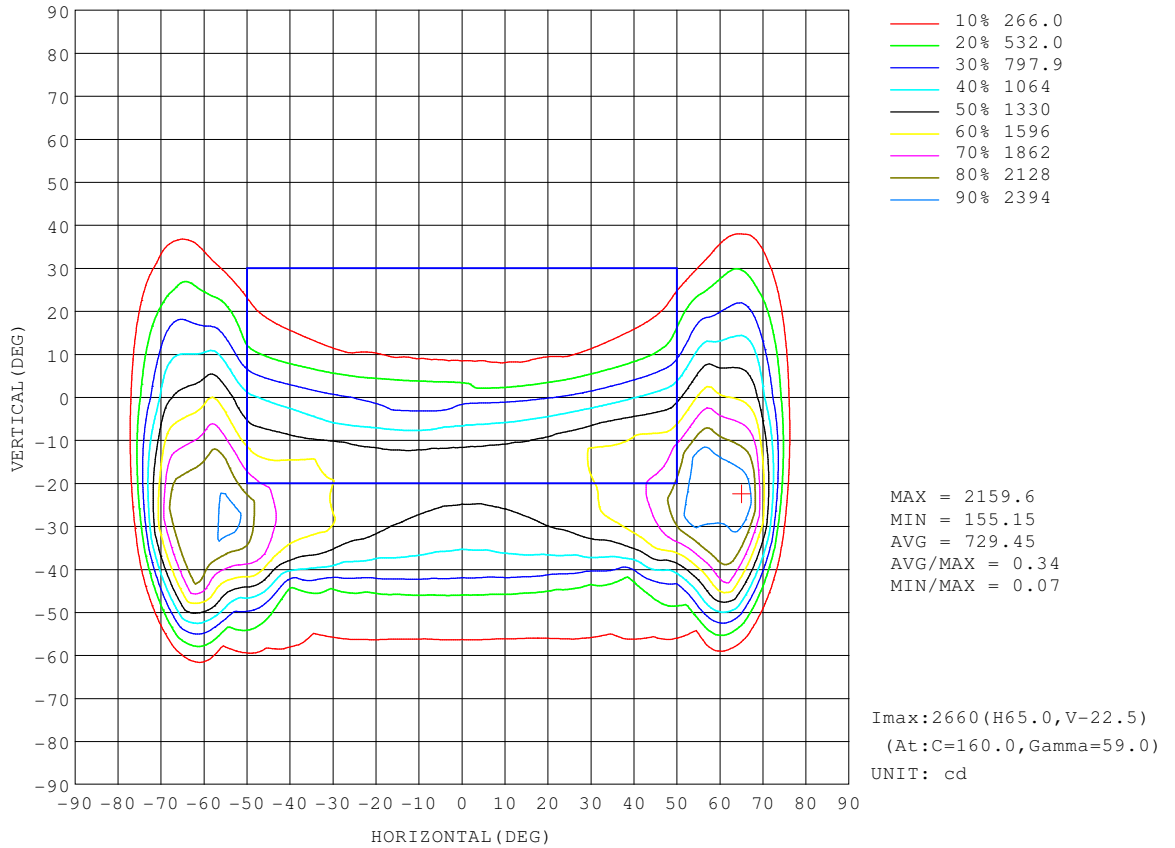
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
10	704.9	1078	1229	1090	700.0	332.6	218.0	318.9	0- 10	66.76	66.76	2.17,2.17
20	754.6	1370	1373	1465	735.1	191.5	181.6	206.9	10- 20	213.3	280.0	9.12,9.12
30	861.0	1408	1171	1561	801.7	180.0	178.6	192.2	20- 30	368.2	648.2	21.1,21.1
40	1014	1345	890.4	1549	922.4	163.4	159.8	173.5	30- 40	498.0	1146	37.3,37.3
50	1223	791.7	395.6	1058	1082	142.5	165.3	150.8	40- 50	552.1	1698	55.3,55.3
60	1560	296.7	196.0	358.9	1462	127.7	178.0	133.4	50- 60	585.0	2283	74.4,74.4
70	1076	136.9	53.85	184.4	1058	104.9	214.7	108.0	60- 70	543.9	2827	92.1,92.1
80	32.51	18.45	8.242	24.29	44.47	52.28	85.27	49.70	70- 80	228.0	3055	99.5,99.5
90	0.8022	0.1521	0.4559	0.2014	0.9940	1.806	0.2814	0.8761	80- 90	14.62	3070	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:07.07.2020

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: LYS15-27W-T2

ISOCANDELA DIAGRAM

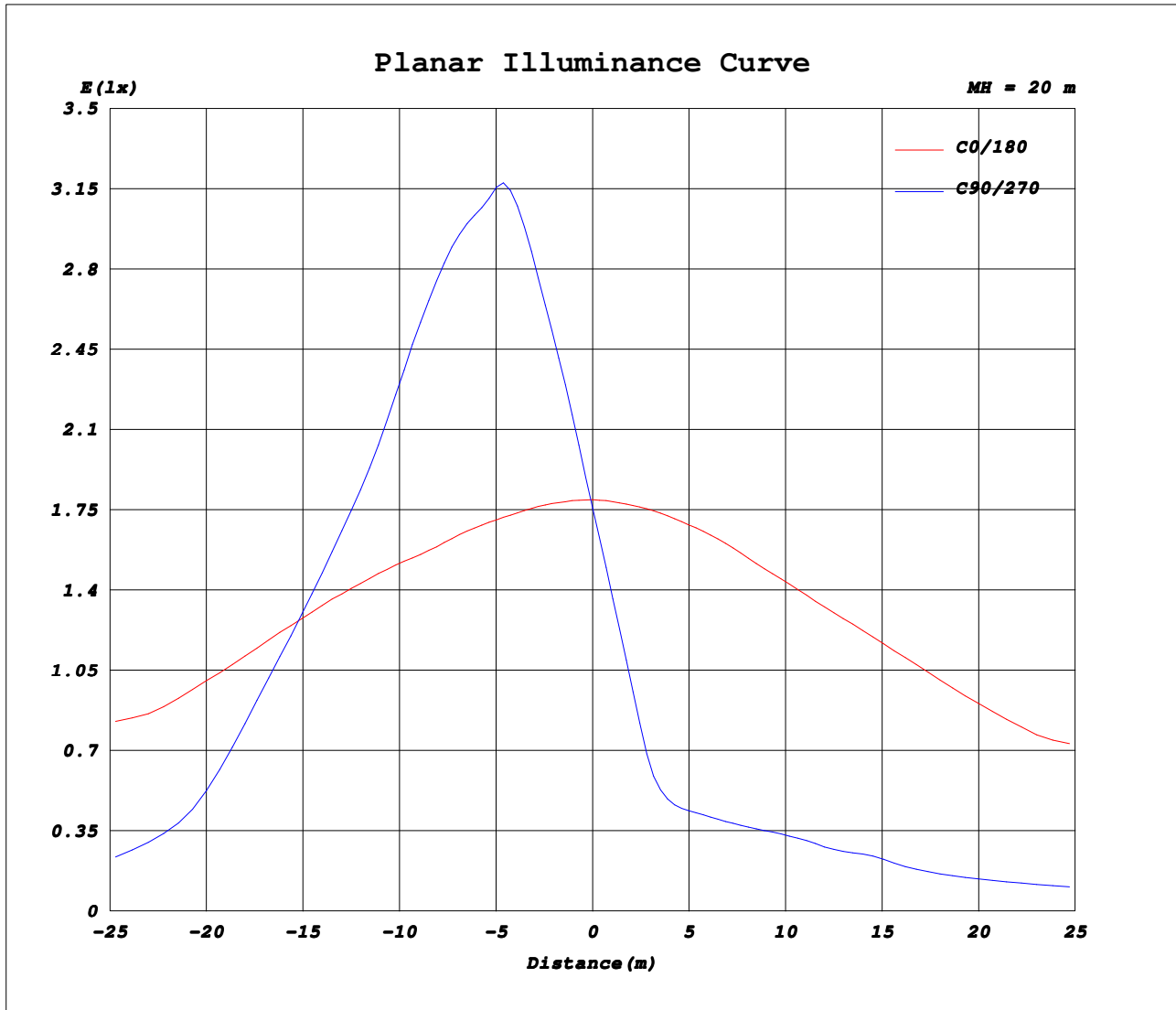
Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T2

Planar Illuminance Curve



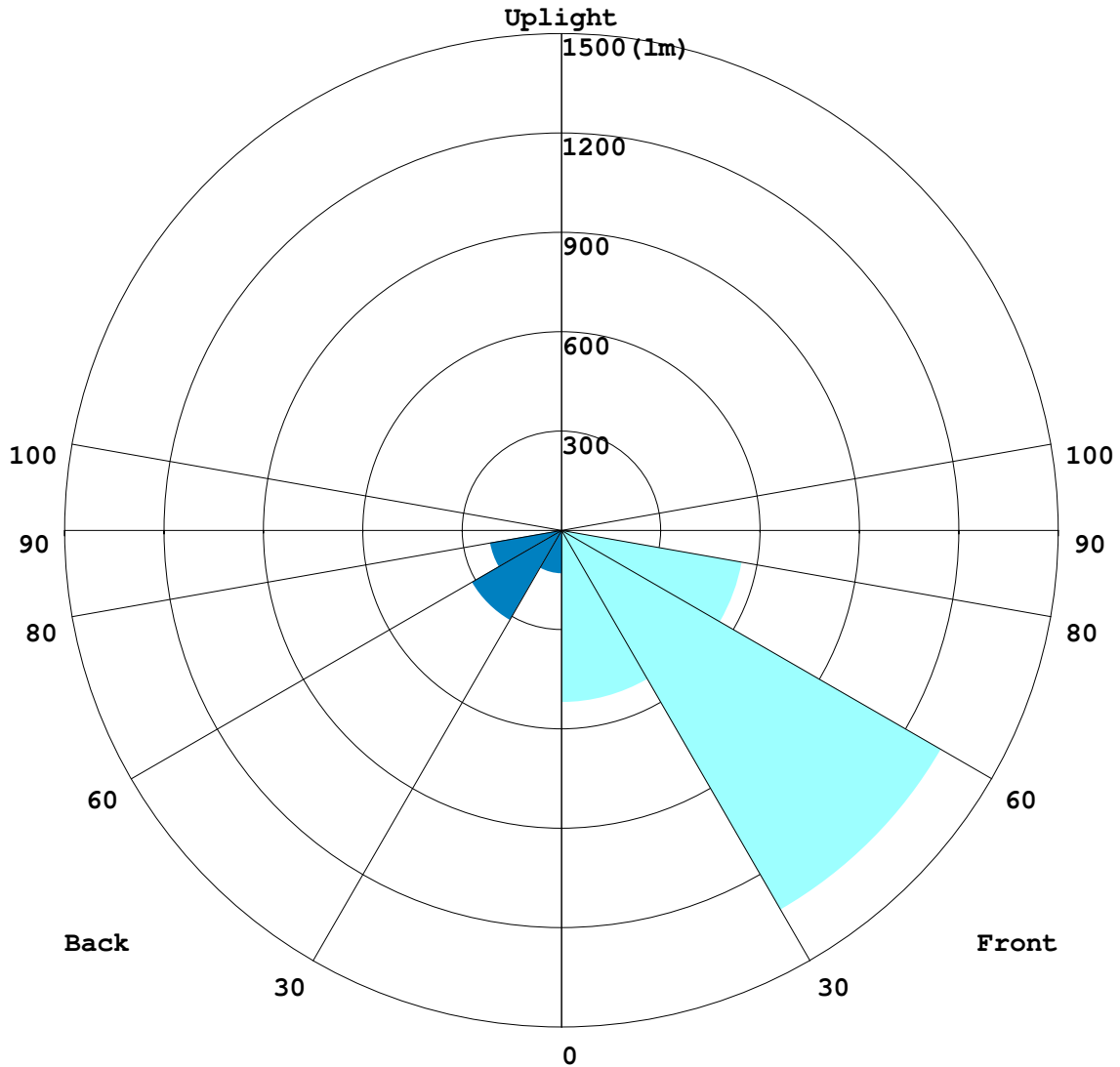
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T2

LCS REPORT

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	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: 07.07.2020

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: LYS15-27W-T2

BUG REPORT

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	518.41	16.9
FM - Front-Medium(30-60)	1322.7	43.1
FH - Front-High(60-80)	552.74	18.0
FVH - Front-Very High(80-90)	2.8838	0.1
Total Forward Light	2396.8	78.1

BL - Back-Low(0-30)	129.83	4.2
BM - Back-Medium(30-60)	312.37	10.2
BH - Back-High(60-80)	219.13	7.1
BVH - Back-Very High(80-90)	11.733	0.4
Total Back Light	673.06	21.9

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	673.06	0	673.06
Street Side	2396.8	0	2396.8

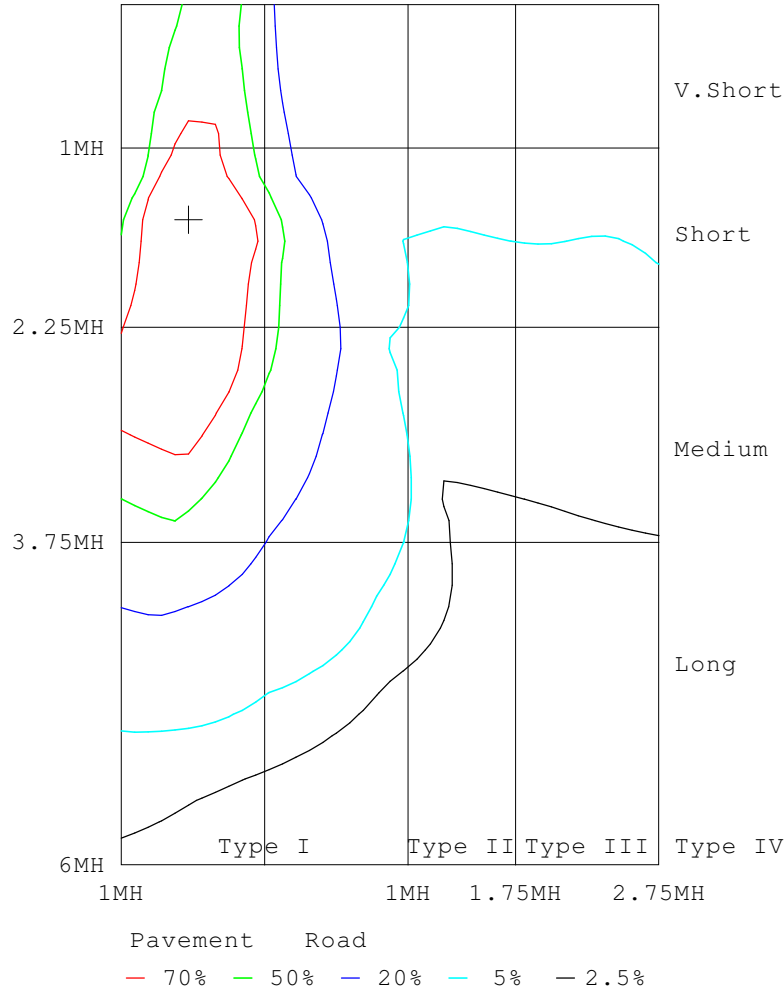
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-27W-T2

ROAD ISOCANDELA REPORT

Test:U:230.36V I:0.1214A P:27.024W PF:0.9663 Freq:50.01Hz Lamp Flux:3069.83x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	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: 07.07.2020

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: LYS15-27W-T2

