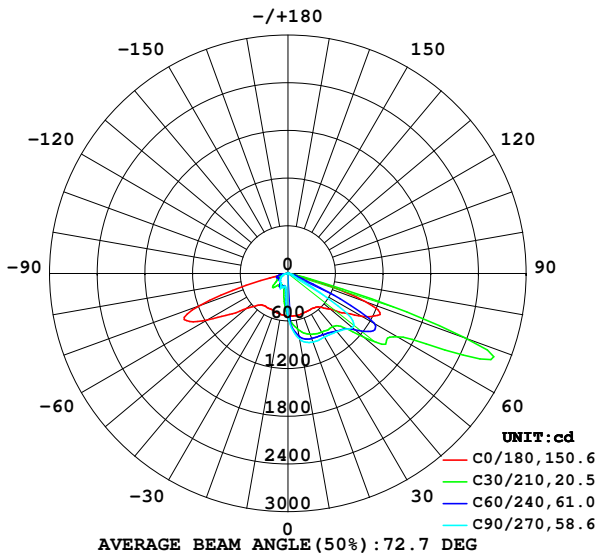
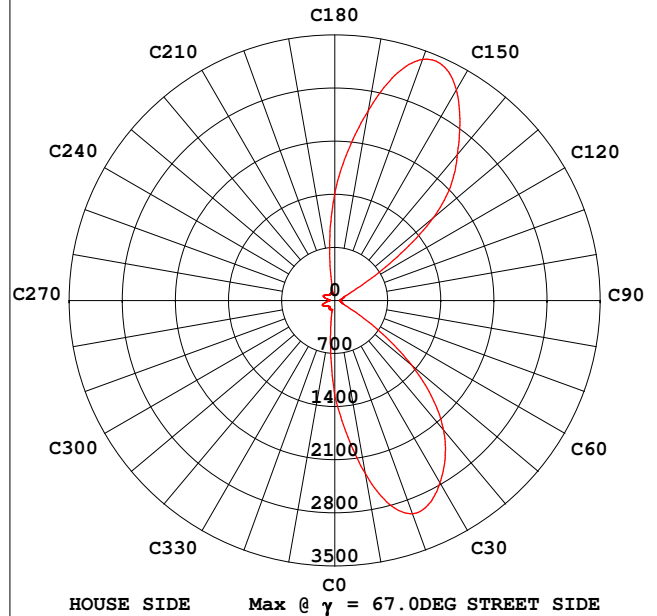


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 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: 112.02 lm/W			
MODEL	LYS15	I _{max} (cd)	3383	η street_up (%)	0.0
NOMINAL POWER (W)	27W	LOR (%)	100.0	η street_down (%)	81.4
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3018	η house_up (%)	0.0
NOMINAL FLUX (lm)	3018.26	MAXIMUM @ (C, γ)	160, 67.0	η house_down (%)	18.6
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	15.862

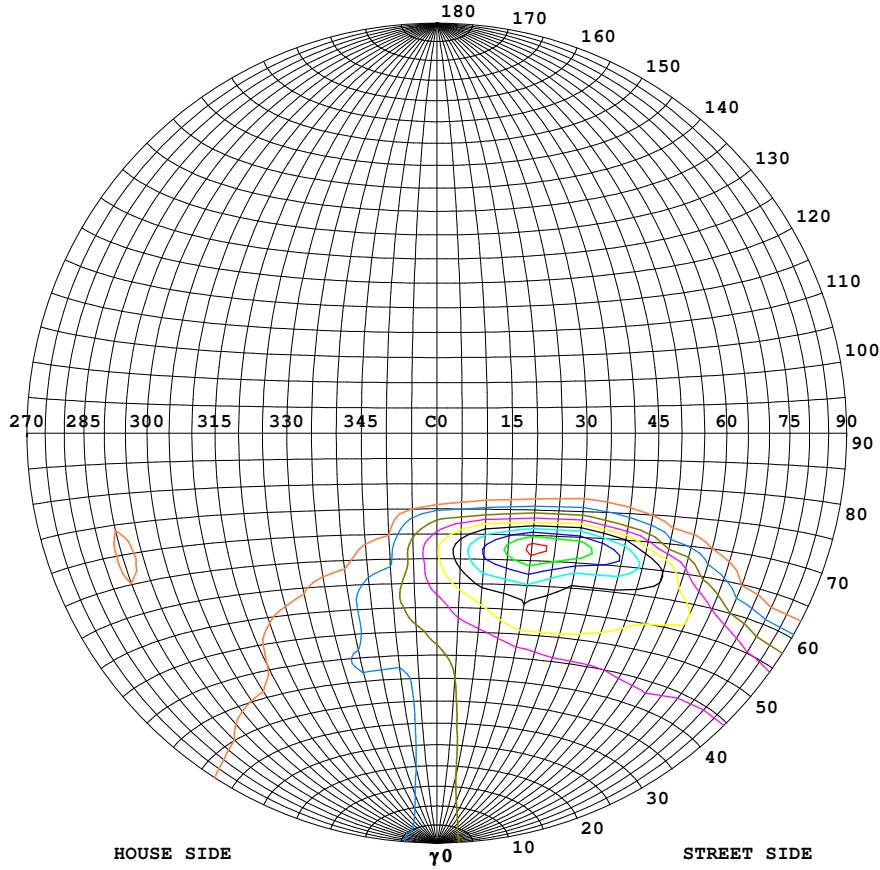
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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-T3

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

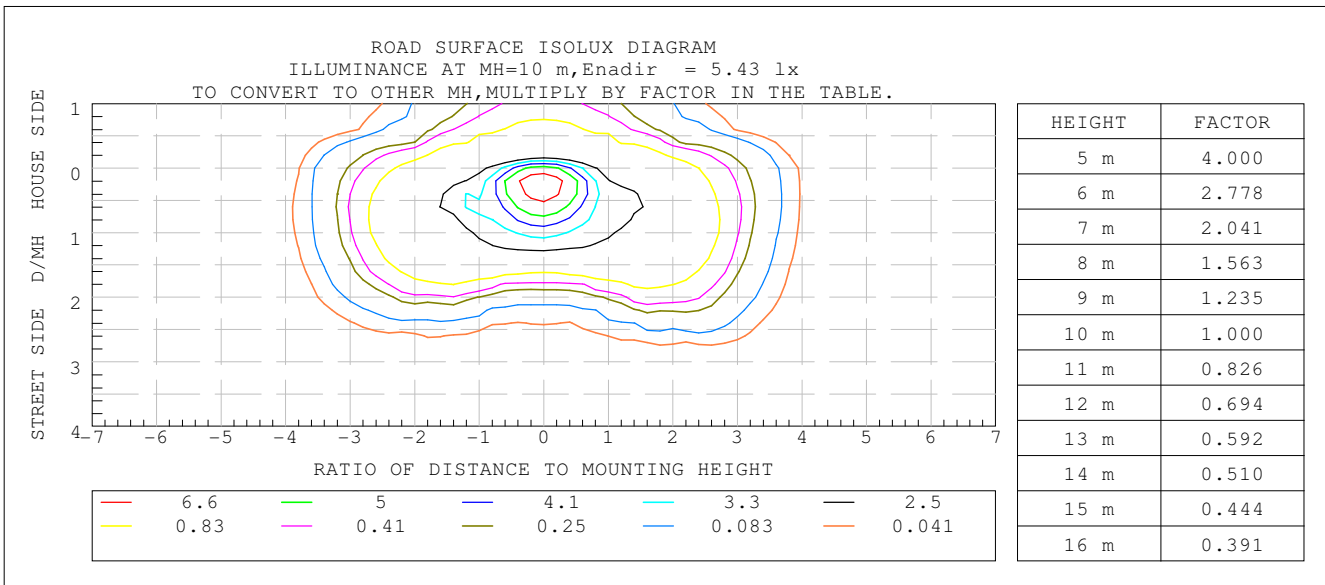
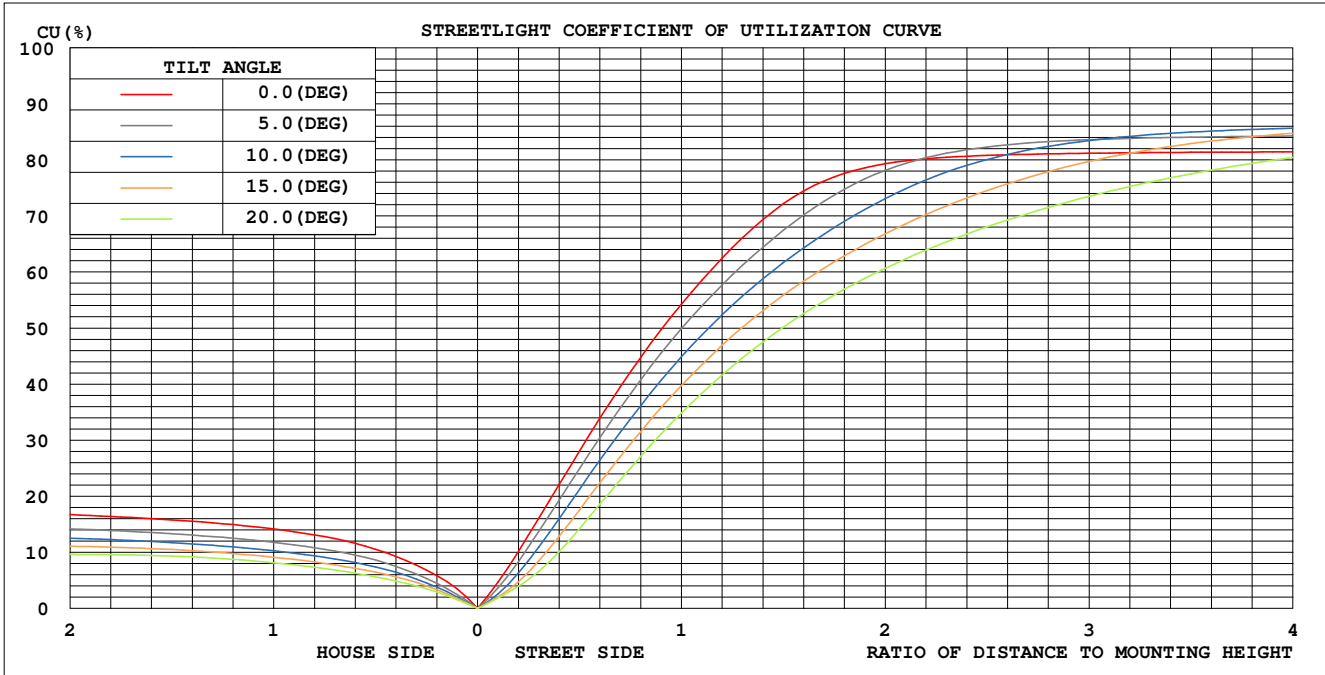
IES:Type III - Short
 CIE:Average - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:34.00cd/klm
 Max.At90:0.9368cd/klm
 Max.80-90:34.00cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3383
90%	3045
80%	2707
70%	2368
60%	2030
50%	1692
40%	1353
30%	1015
20%	677
10%	338
5%	169

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:06.07.2020

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-T3

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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-T3

ZONAL FLUX DIAGRAM

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

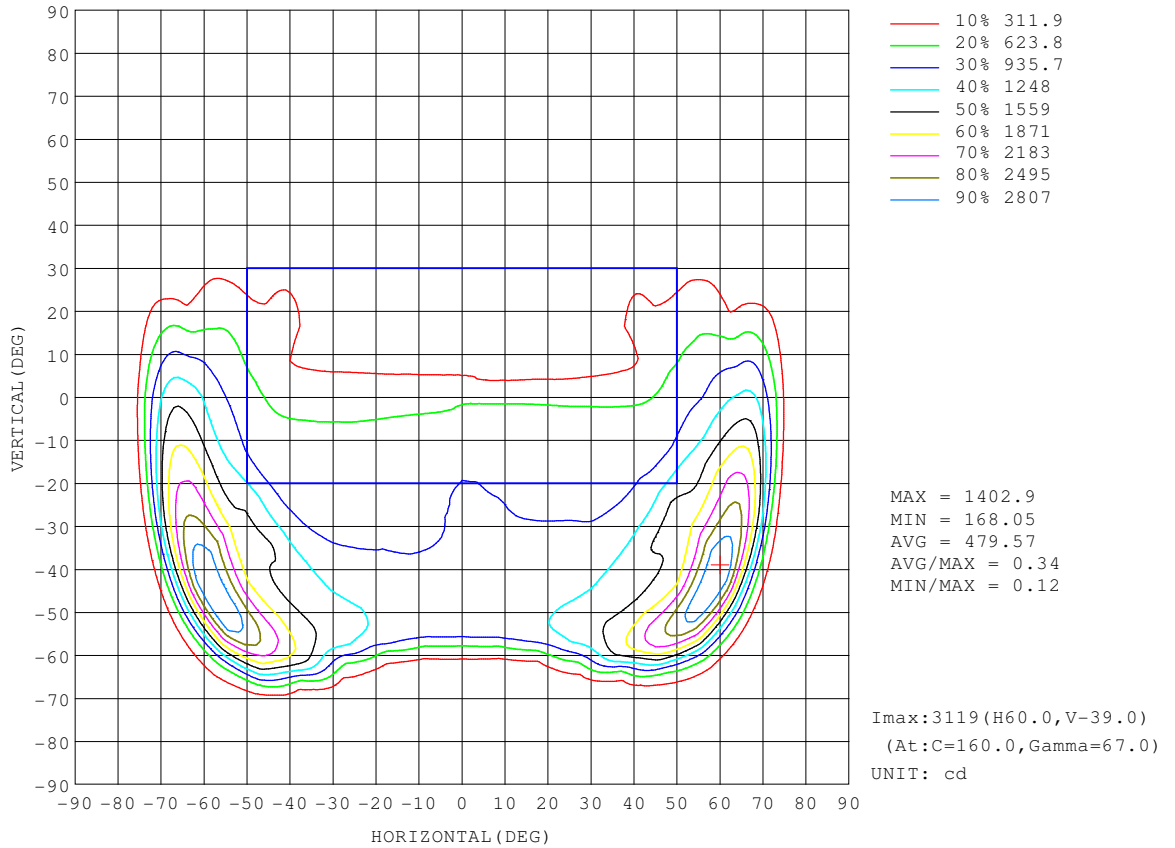
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	541.5	764.0	838.1	788.9	524.7	227.1	181.8	224.6	0- 10	49.39	49.39	1.64,1.64
20	538.3	856.8	919.4	887.0	506.9	166.9	182.2	187.5	10- 20	146.8	196.2	6.5,6.5
30	537.6	874.2	925.2	905.9	503.7	181.9	181.4	203.4	20- 30	244.9	441.1	14.6,14.6
40	556.0	912.9	958.5	950.3	519.9	183.1	152.0	205.0	30- 40	338.9	780.0	25.8,25.8
50	698.0	1161	1060	1236	682.9	156.7	131.8	176.4	40- 50	467.0	1247	41.3,41.3
60	1082	1559	373.4	1691	1171	139.5	100.1	152.5	50- 60	681.5	1929	63.9,63.9
70	1032	1040	64.31	1638	1181	99.34	70.54	108.6	60- 70	806.6	2735	90.6,90.6
80	23.20	19.12	9.222	35.13	31.61	39.60	21.12	54.48	70- 80	270.6	3006	99.6,99.6
90	0.6434	0.1950	0.4227	0.3369	0.7442	2.633	0.1705	1.783	80- 90	12.47	3018	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:06.07.2020

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-T3

ISOCANDELA DIAGRAM

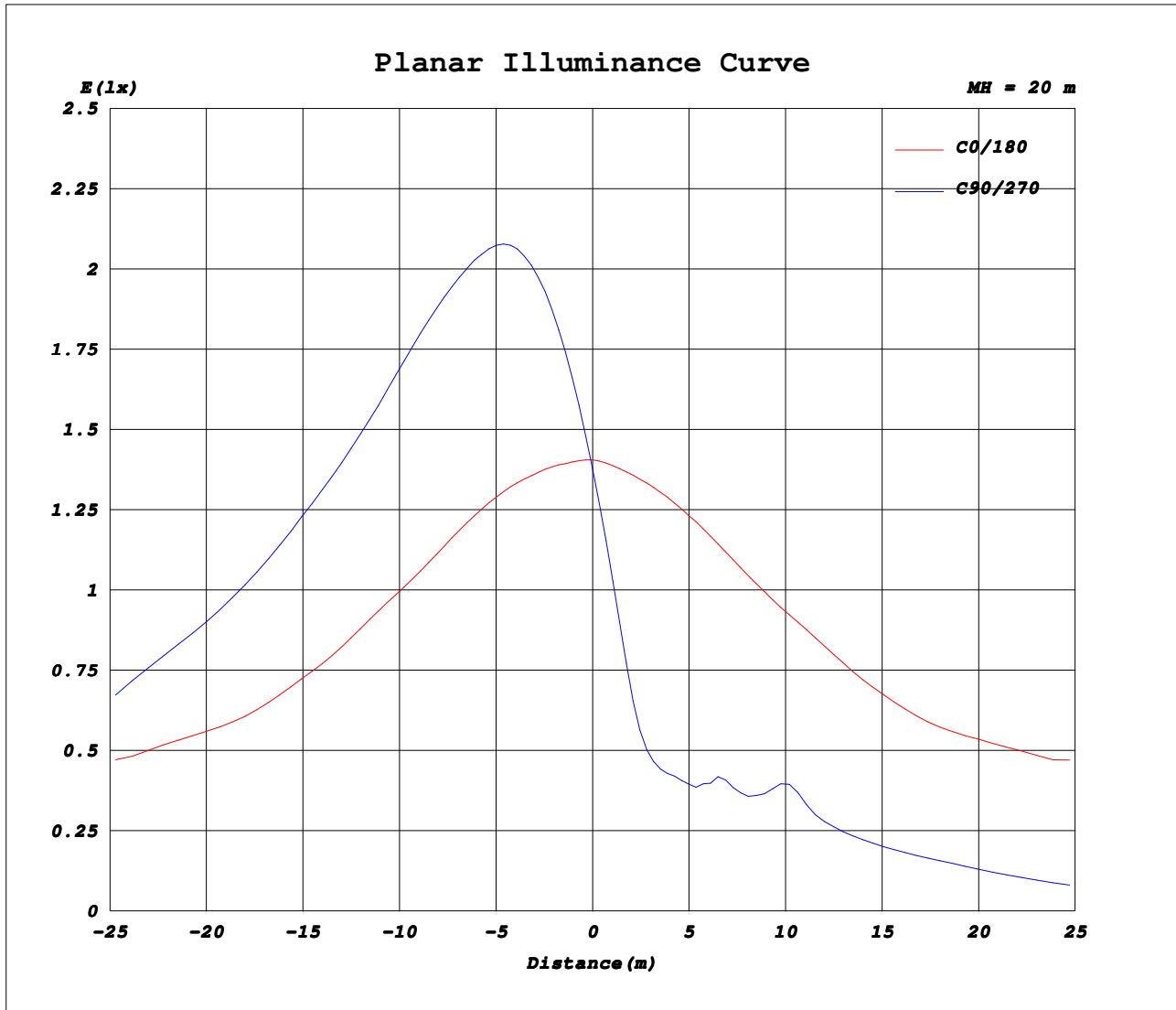
Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:06.07.2020

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-T3

Planar Illuminance Curve



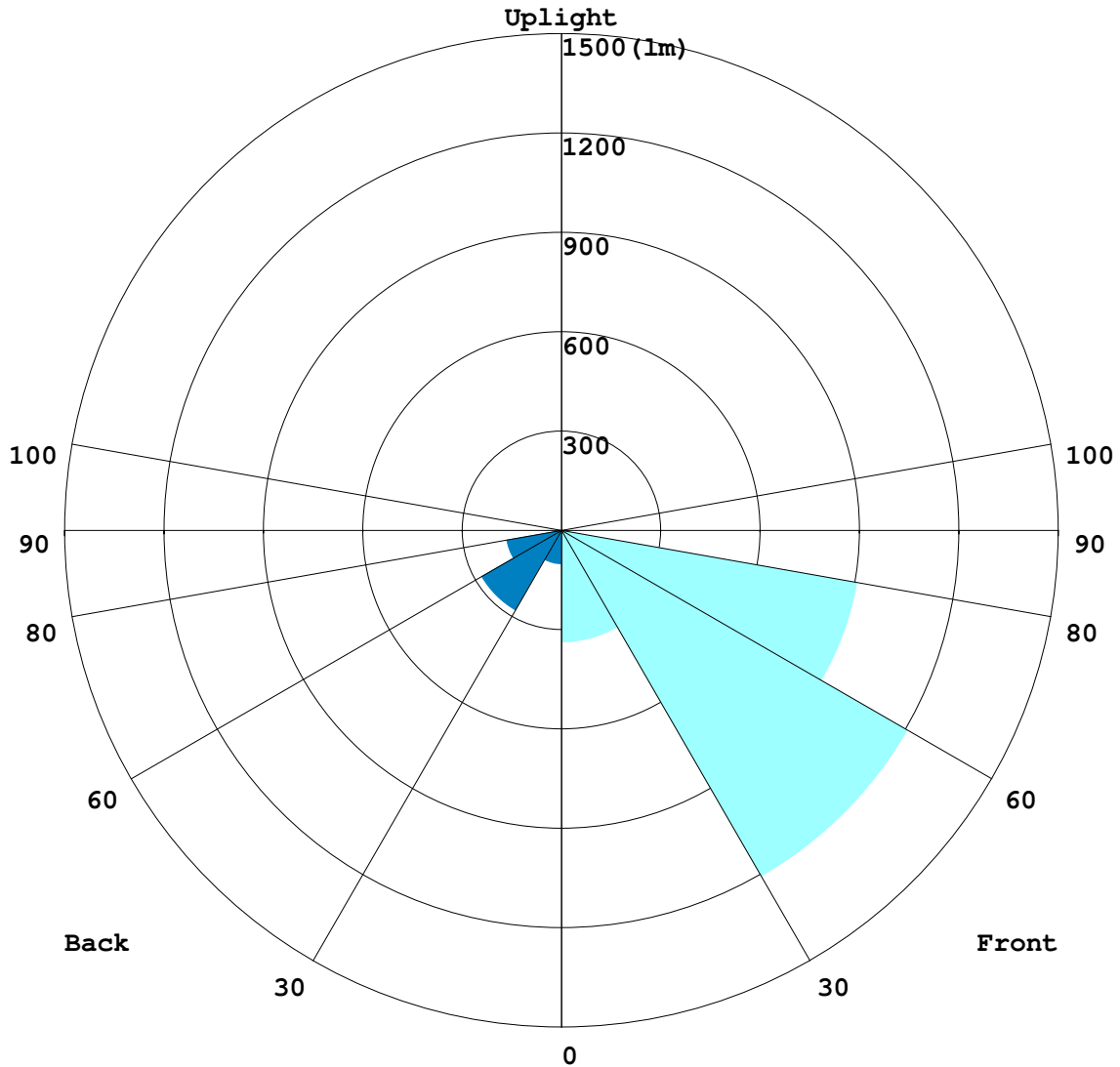
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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-T3

LCS REPORT

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 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: 06.07.2020

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-T3

BUG REPORT

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 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)	338.55	11.2
FM - Front-Medium(30-60)	1207.9	40.0
FH - Front-High(60-80)	908.01	30.1
FVH - Front-Very High(80-90)	3.303	0.1
Total Forward Light	2457.7	81.4

BL - Back-Low(0-30)	102.53	3.4
BM - Back-Medium(30-60)	279.59	9.3
BH - Back-High(60-80)	169.23	5.6
BVH - Back-Very High(80-90)	9.1635	0.3
Total Back Light	560.51	18.6

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	560.51	0	560.51
Street Side	2457.7	0	2457.7

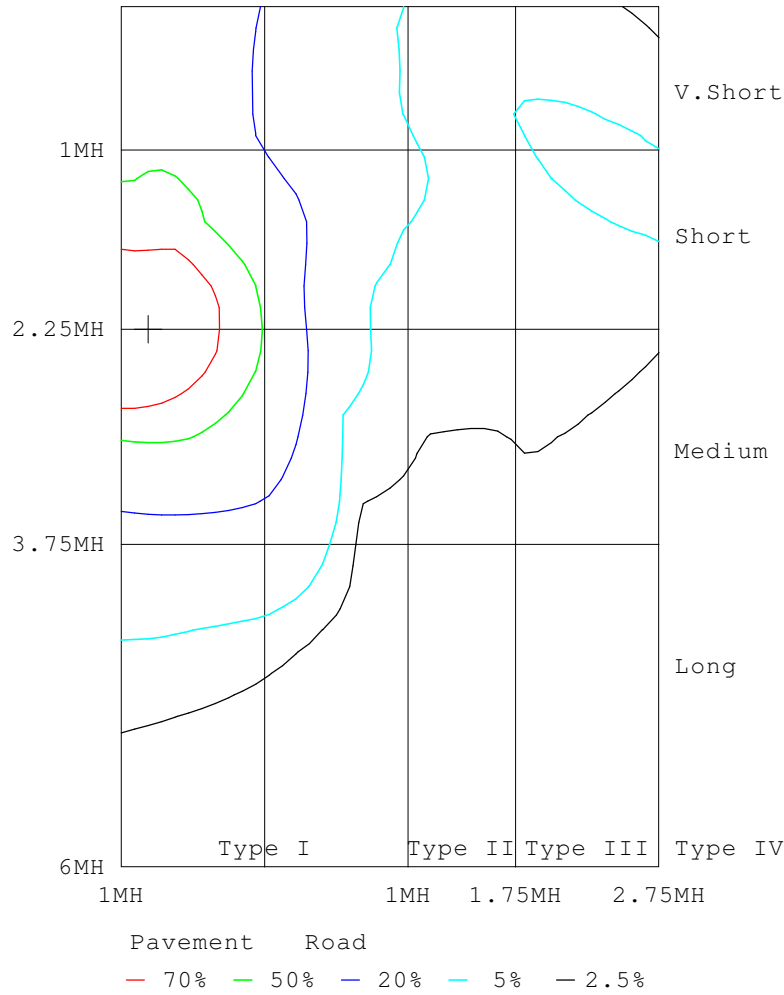
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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-T3

ROAD ISOCANDELA REPORT

Test:U:230.50V I:0.1207A P:26.945W PF:0.9684 Freq:50.01Hz Lamp Flux:3018.26x1 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: 06.07.2020

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-T3

