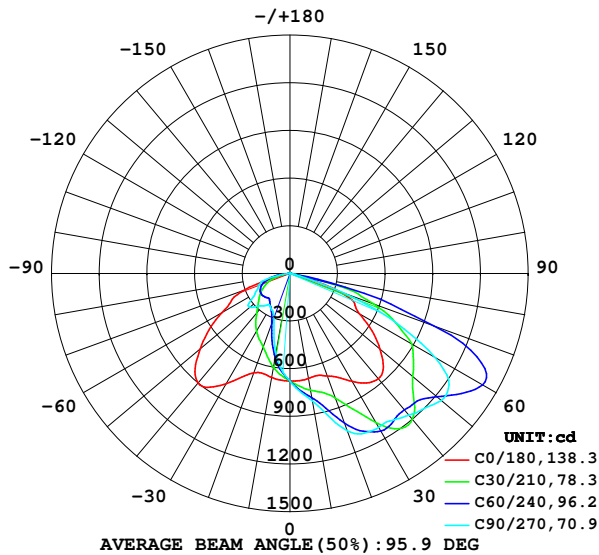
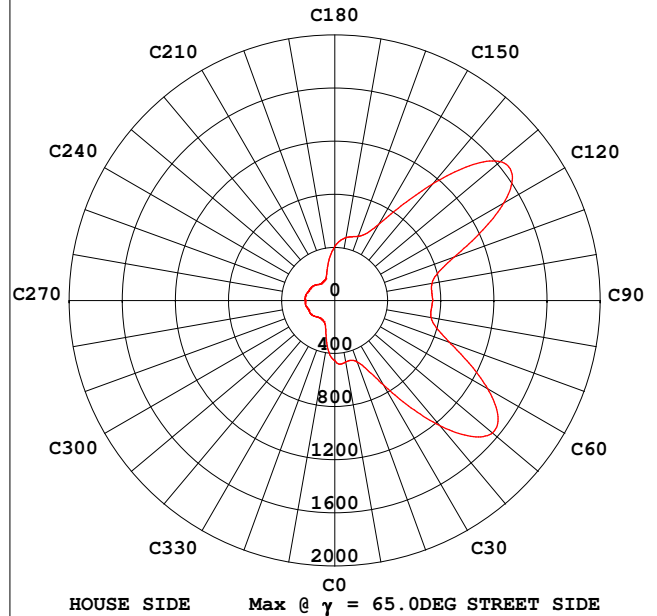


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 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: 110.67 lm/W			
MODEL	LYS15	I _{max} (cd)	1629	η street_up (%)	0.0
NOMINAL POWER (W)	27W	LOR (%)	100.0	η street_down (%)	74.7
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	2994	η house_up (%)	0.0
NOMINAL FLUX (lm)	2993.69	MAXIMUM @ (C, γ)	130,65.0	η house_down (%)	25.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	14.645

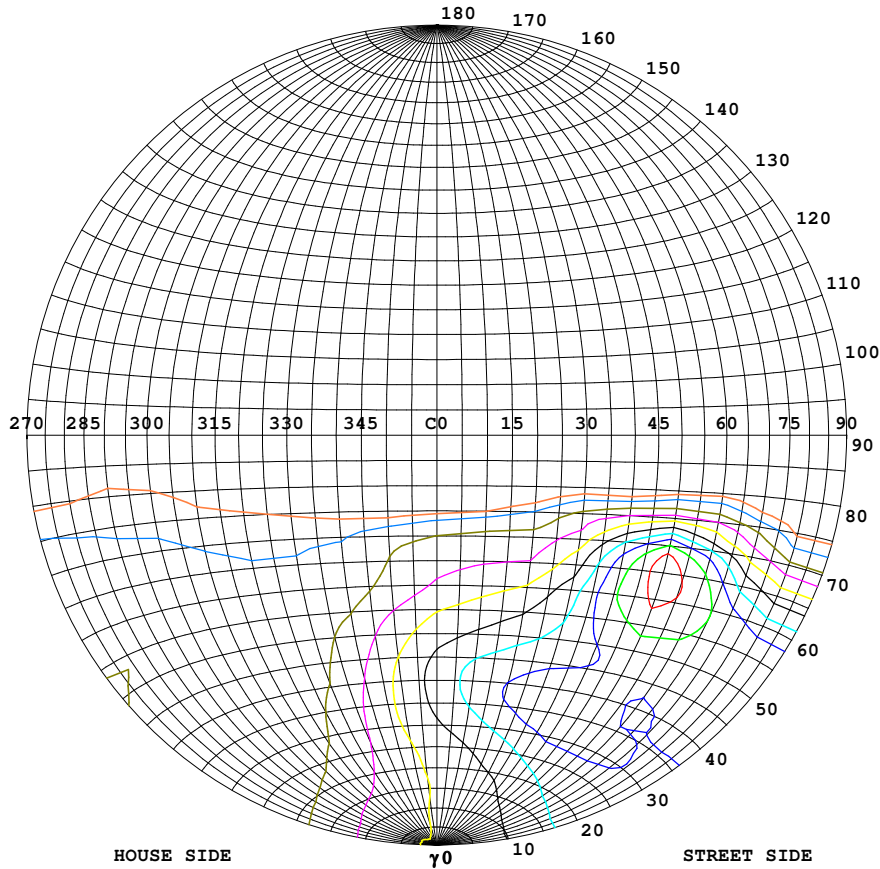
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

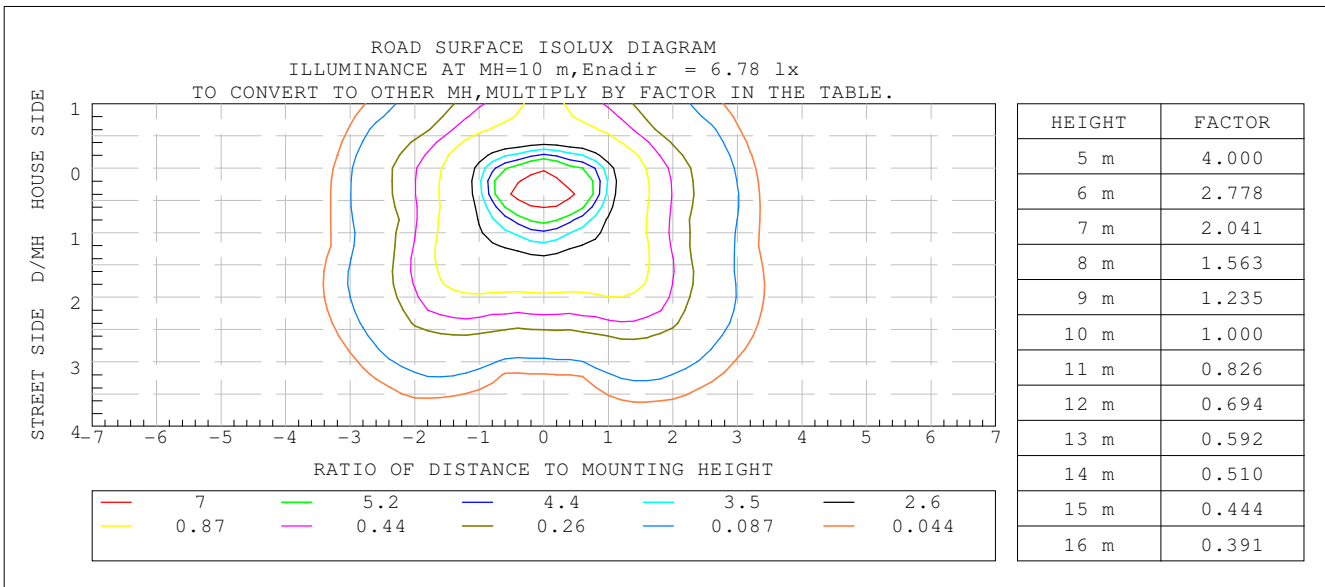
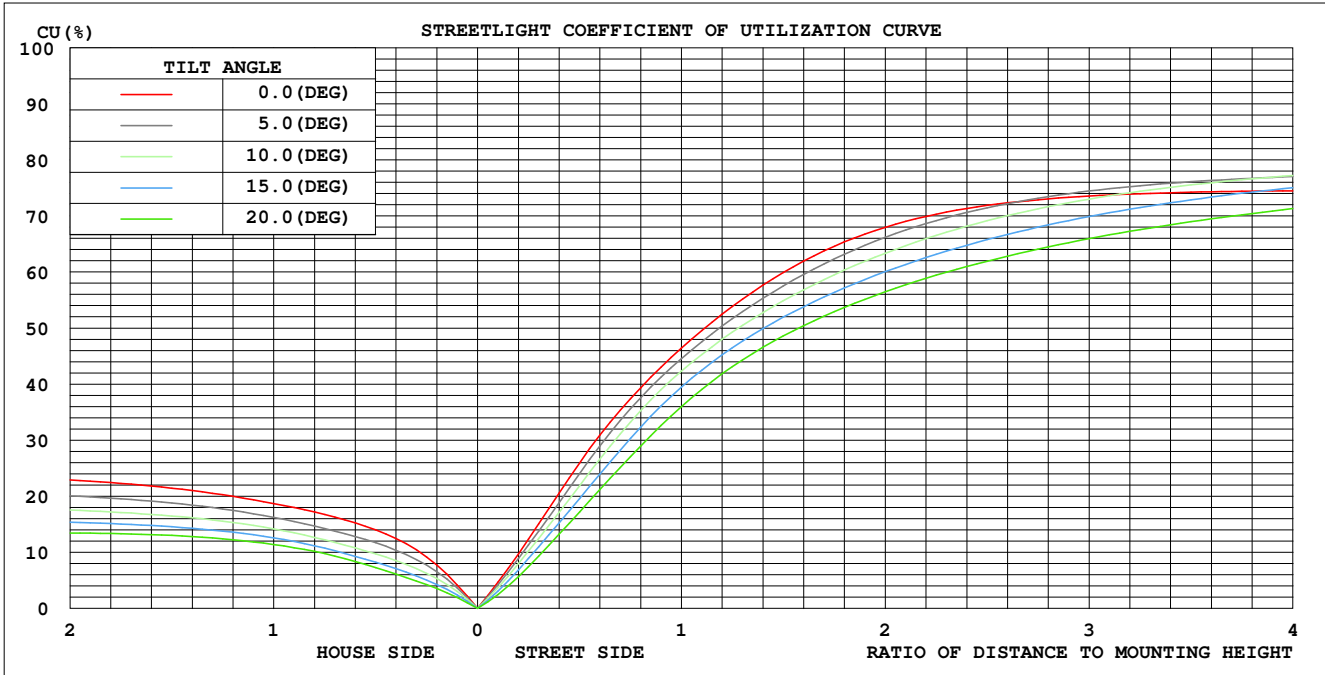
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:34.46cd/klm
 Max.At90:1.034cd/klm
 Max.80-90:34.46cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1629
90%	1466
80%	1303
70%	1140
60%	977
50%	815
40%	652
30%	489
20%	326
10%	163
5%	81

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-T4

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-T4

ZONAL FLUX DIAGRAM

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

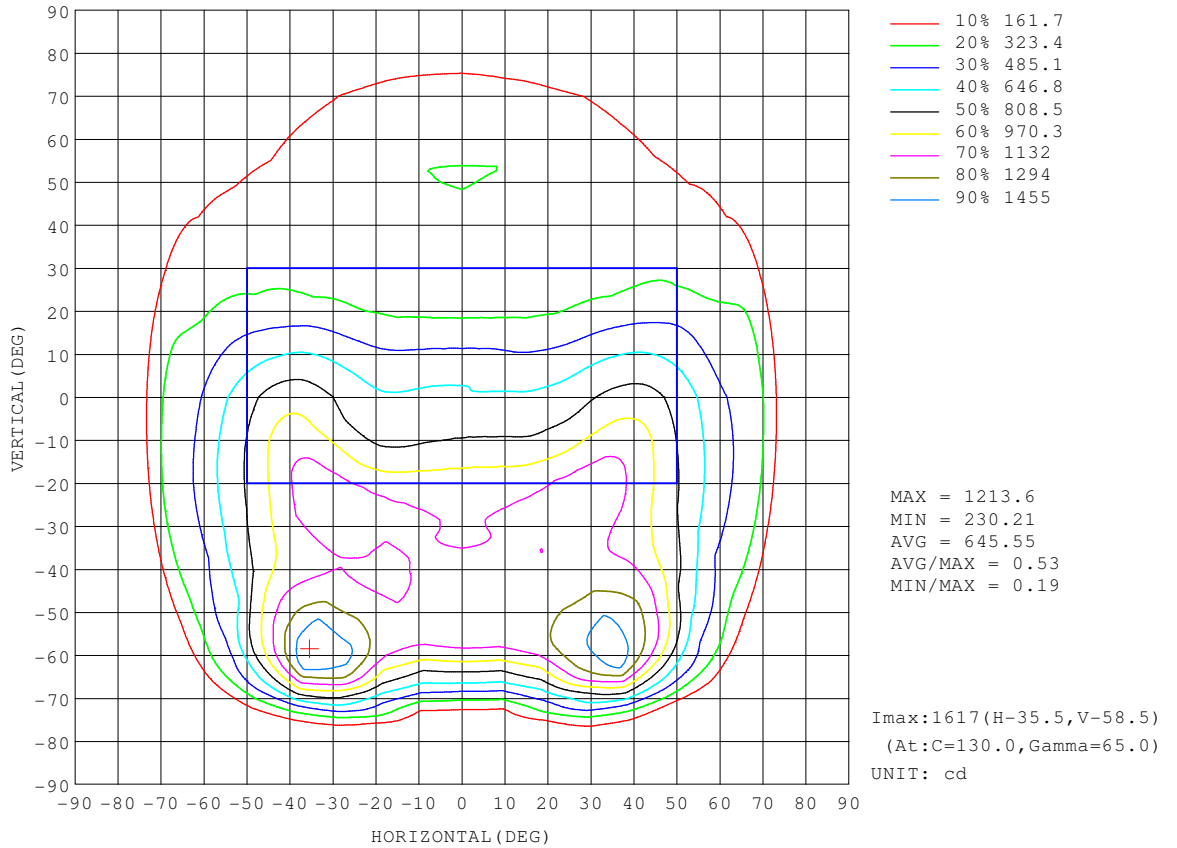
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	672.3	772.5	814.0	766.8	665.3	568.1	512.7	571.8	0- 10	64.41	64.41	2.15,2.15
20	687.3	920.8	1054	890.3	665.5	404.7	296.9	405.6	10- 20	187.4	251.8	8.41,8.41
30	785.7	1155	1119	1143	799.9	287.1	247.0	290.4	20- 30	322.2	574.0	19.2,19.2
40	866.3	1172	1164	1218	900.0	237.4	266.0	240.2	30- 40	469.4	1043	34.9,34.9
50	740.9	1174	1244	1129	738.0	213.9	330.0	217.6	40- 50	562.5	1606	53.6,53.6
60	504.1	1379	1051	1349	496.2	194.8	253.8	201.8	50- 60	609.3	2215	74,74
70	323.3	1133	352.5	1140	303.7	144.3	205.0	147.0	60- 70	548.8	2764	92.3,92.3
80	10.78	29.59	13.32	38.00	12.07	48.72	67.61	41.61	70- 80	218.0	2982	99.6,99.6
90	0.2398	0.2763	0.2709	0.4650	0.3079	2.513	0.3323	1.615	80- 90	11.71	2994	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-T4

ISOCANDELA DIAGRAM

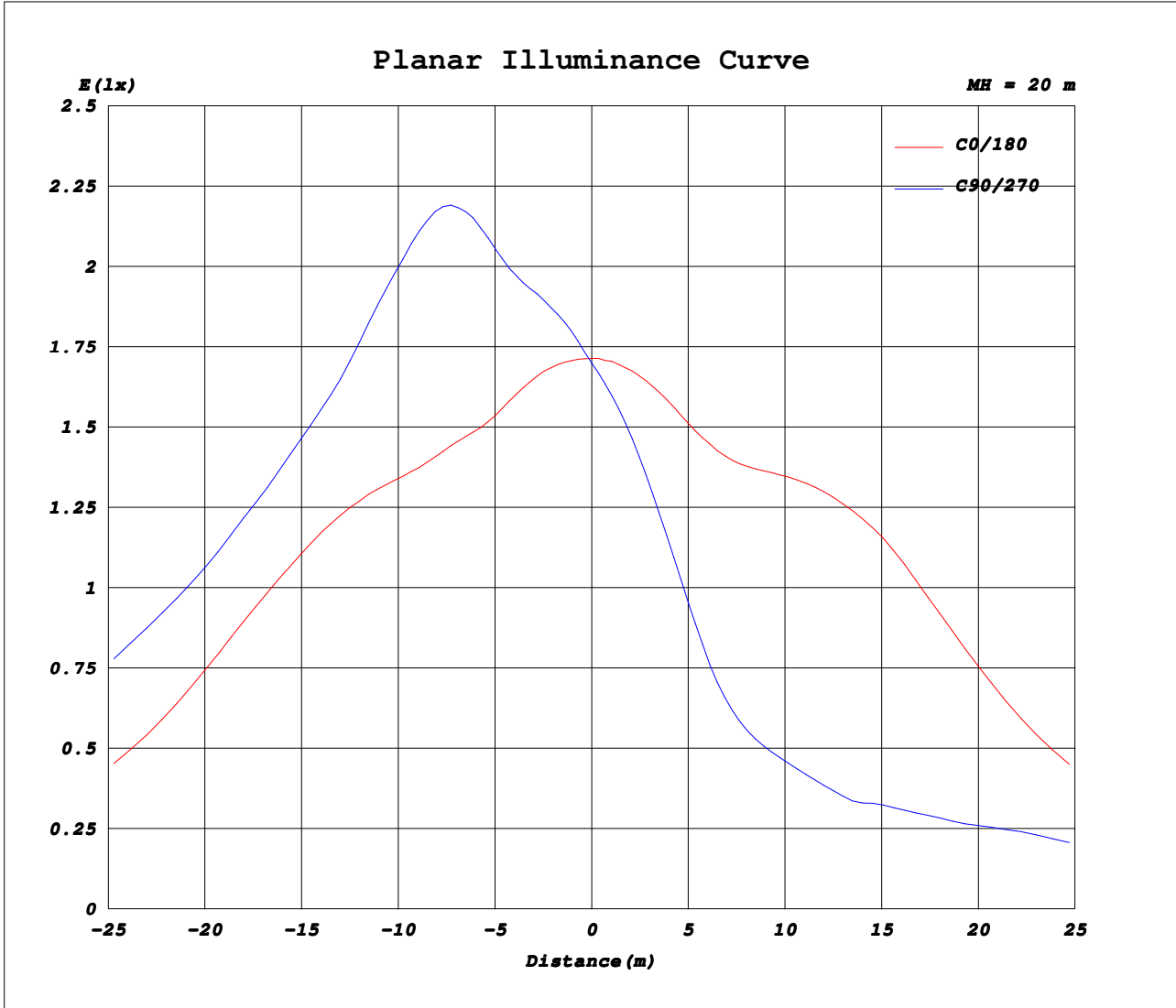
Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:27W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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-T4

Planar Illuminance Curve



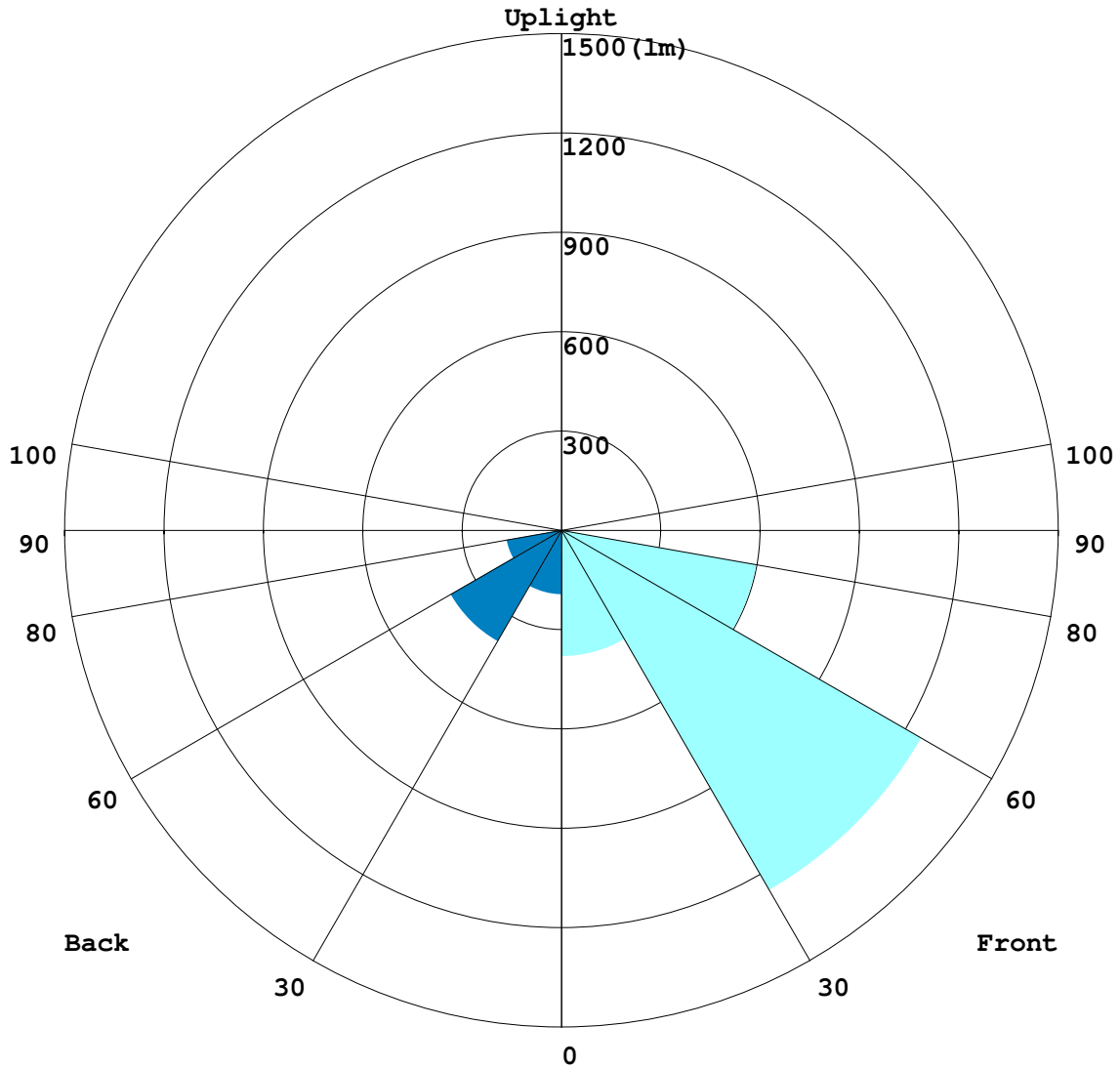
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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-T4

LCS REPORT

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 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-T4

BUG REPORT

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 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)	380.37	12.7
FM - Front-Medium(30-60)	1254.5	41.9
FH - Front-High(60-80)	598.4	20.0
FVH - Front-Very High(80-90)	2.5151	0.1
Total Forward Light	2235.8	74.7

BL - Back-Low(0-30)	193.67	6.5
BM - Back-Medium(30-60)	386.66	12.9
BH - Back-High(60-80)	168.35	5.6
BVH - Back-Very High(80-90)	9.1983	0.3
Total Back Light	757.87	25.3

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	757.87	0	757.87
Street Side	2235.8	0	2235.8

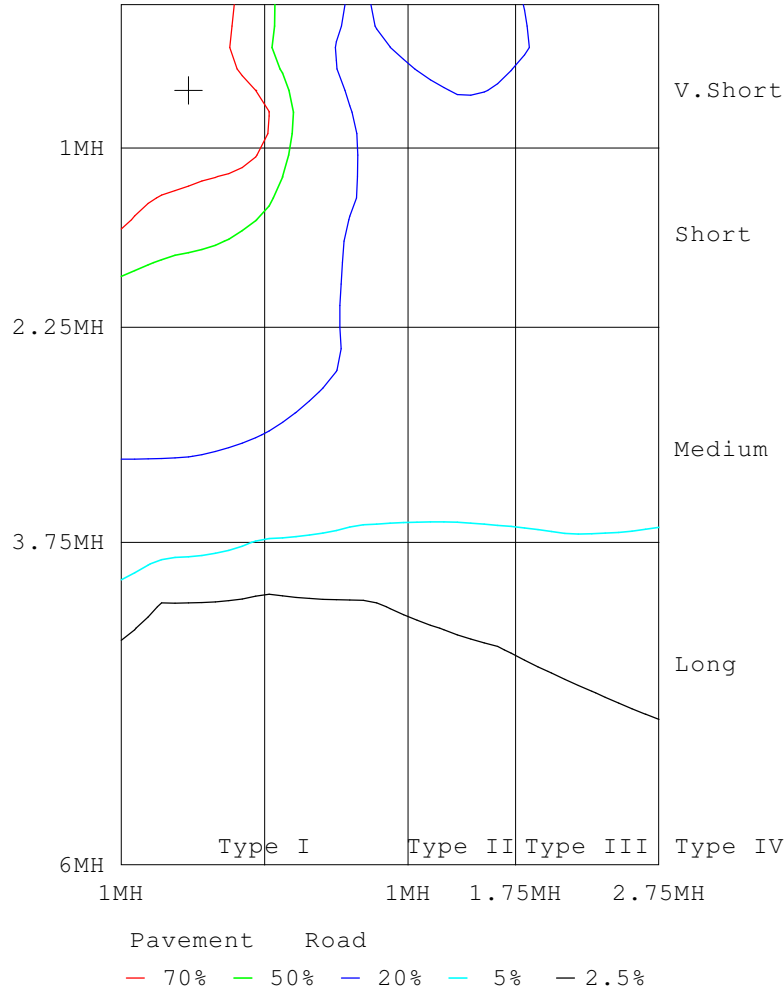
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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-T4

ROAD ISOCANDELA REPORT

Test:U:230.51V I:0.1213A P:27.050W PF:0.9673 Freq:50.01Hz Lamp Flux:2993.69x1 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-T4

