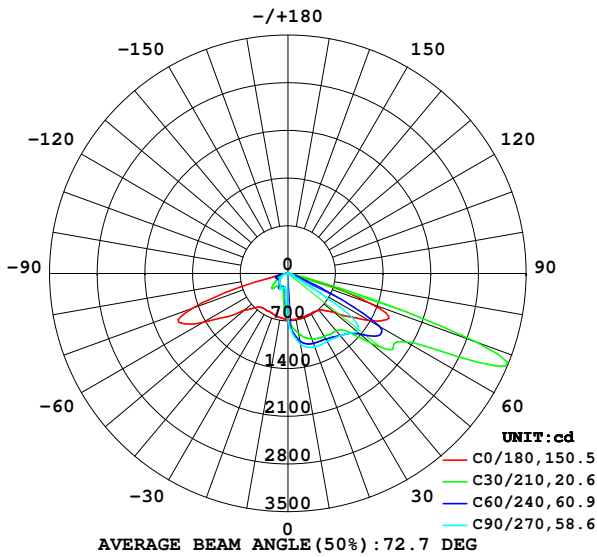
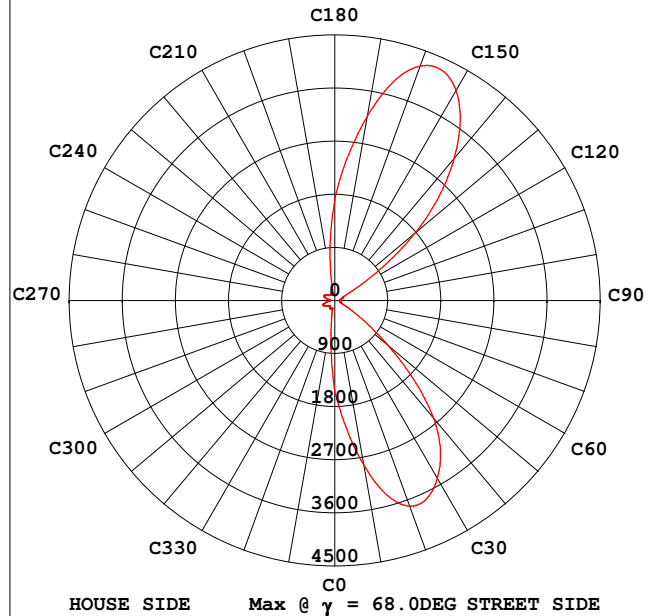


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.28 lm/W			
MODEL	LYS15	Imax (cd)	4229	η street_up (%)	0.0
NOMINAL POWER (W)	35W	LOR (%)	100.0	η street_down (%)	81.4
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3761	η house_up (%)	0.0
NOMINAL FLUX (lm)	3761.32	MAXIMUM @ (C, γ)	160,68.0	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	16.108

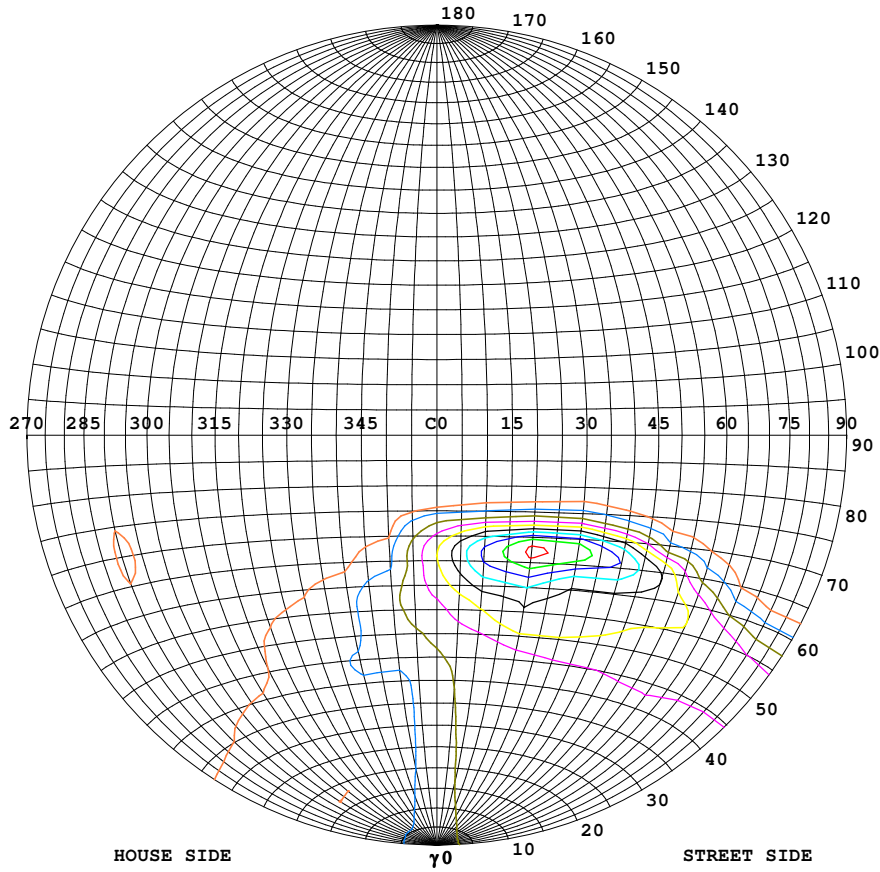
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS15-35W-T3

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

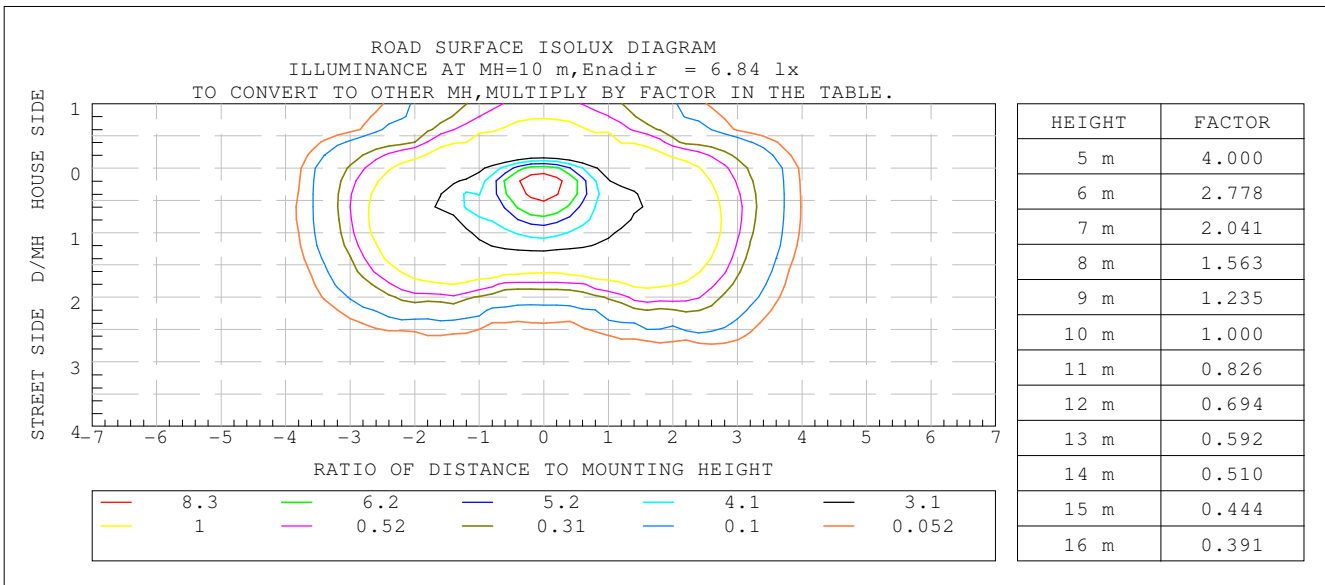
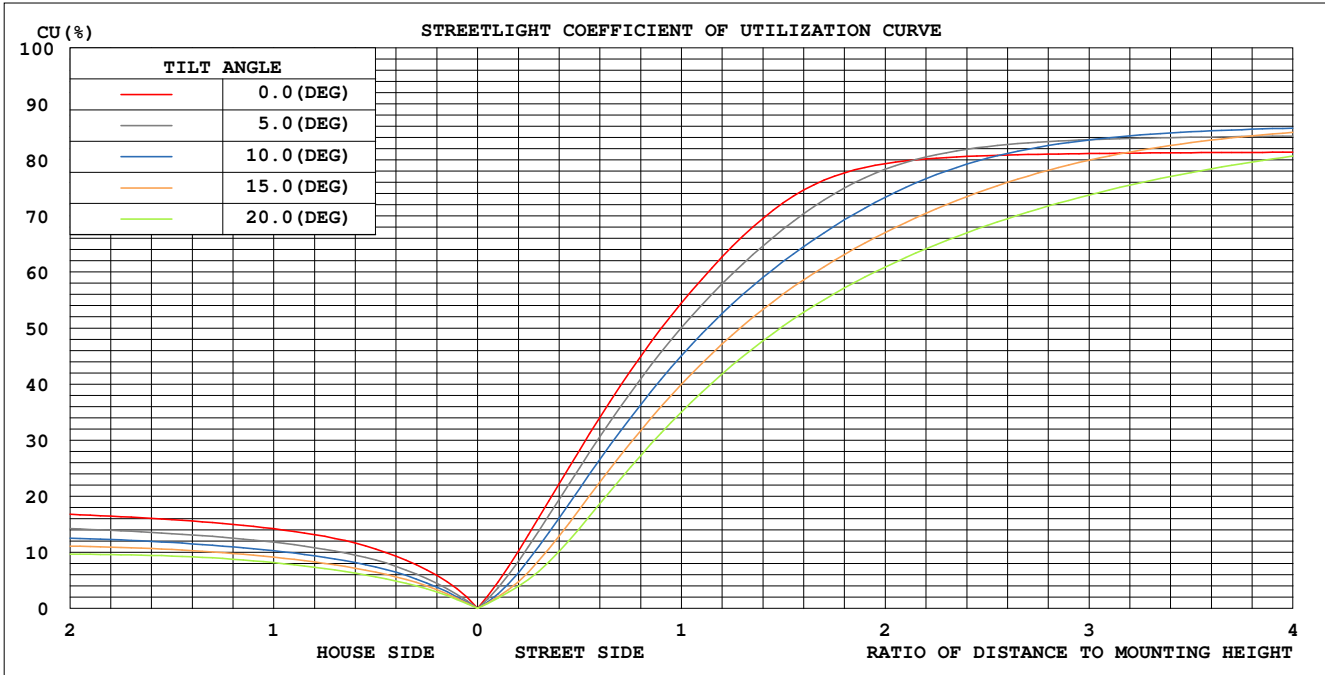
IES:Type III - Medium
 CIE:Average - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:34.64cd/klm
 Max.At90:1.071cd/klm
 Max.80-90:34.64cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4229
90%	3806
80%	3383
70%	2960
60%	2537
50%	2114
40%	1692
30%	1269
20%	846
10%	423
5%	211

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: LYS15-35W-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: LYS15-35W-T3

ZONAL FLUX DIAGRAM

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

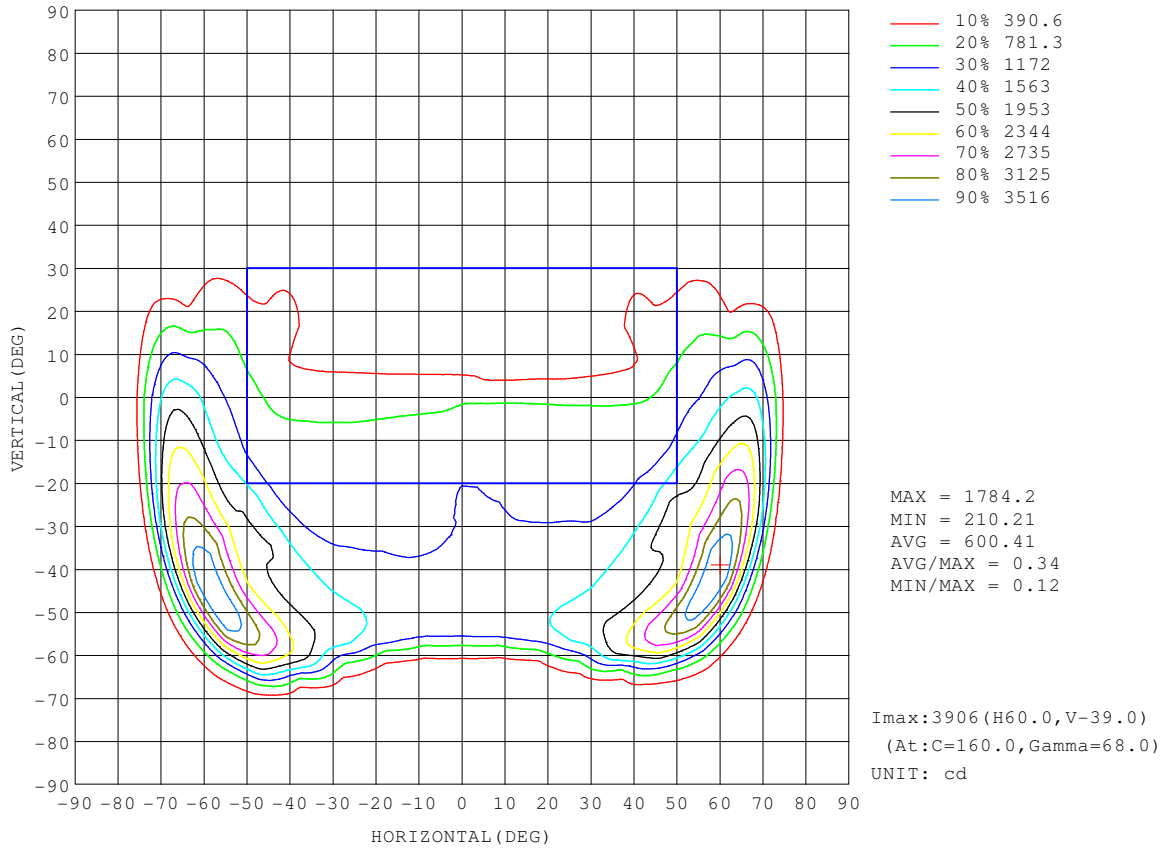
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\%lum, lamp$
10	684.2	959.3	1048	981.0	660.0	287.0	228.3	280.5	0- 10	62.15	62.15	1.65,1.65
20	681.6	1073	1149	1095	635.4	208.4	229.0	228.5	10- 20	183.7	245.9	6.54,6.54
30	682.3	1094	1155	1117	629.8	227.8	228.0	248.0	20- 30	306.0	551.9	14.7,14.7
40	706.8	1144	1198	1172	646.9	229.6	190.1	253.2	30- 40	423.5	975.3	25.9,25.9
50	885.2	1464	1325	1524	846.9	196.1	165.3	217.3	40- 50	584.2	1559	41.5,41.5
60	1386	1968	455.0	2074	1432	175.2	125.2	187.6	50- 60	850.7	2410	64.1,64.1
70	1294	1224	79.27	1935	1486	125.4	88.45	134.1	60- 70	1002	3412	90.7,90.7
80	27.34	21.31	11.04	43.31	42.55	51.08	26.95	67.04	70- 80	333.6	3746	99.6,99.6
90	0.8274	0.2651	0.5620	0.4341	1.026	3.815	0.2454	2.382	80- 90	15.72	3761	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: LYS15-35W-T3

ISOCANDELA DIAGRAM

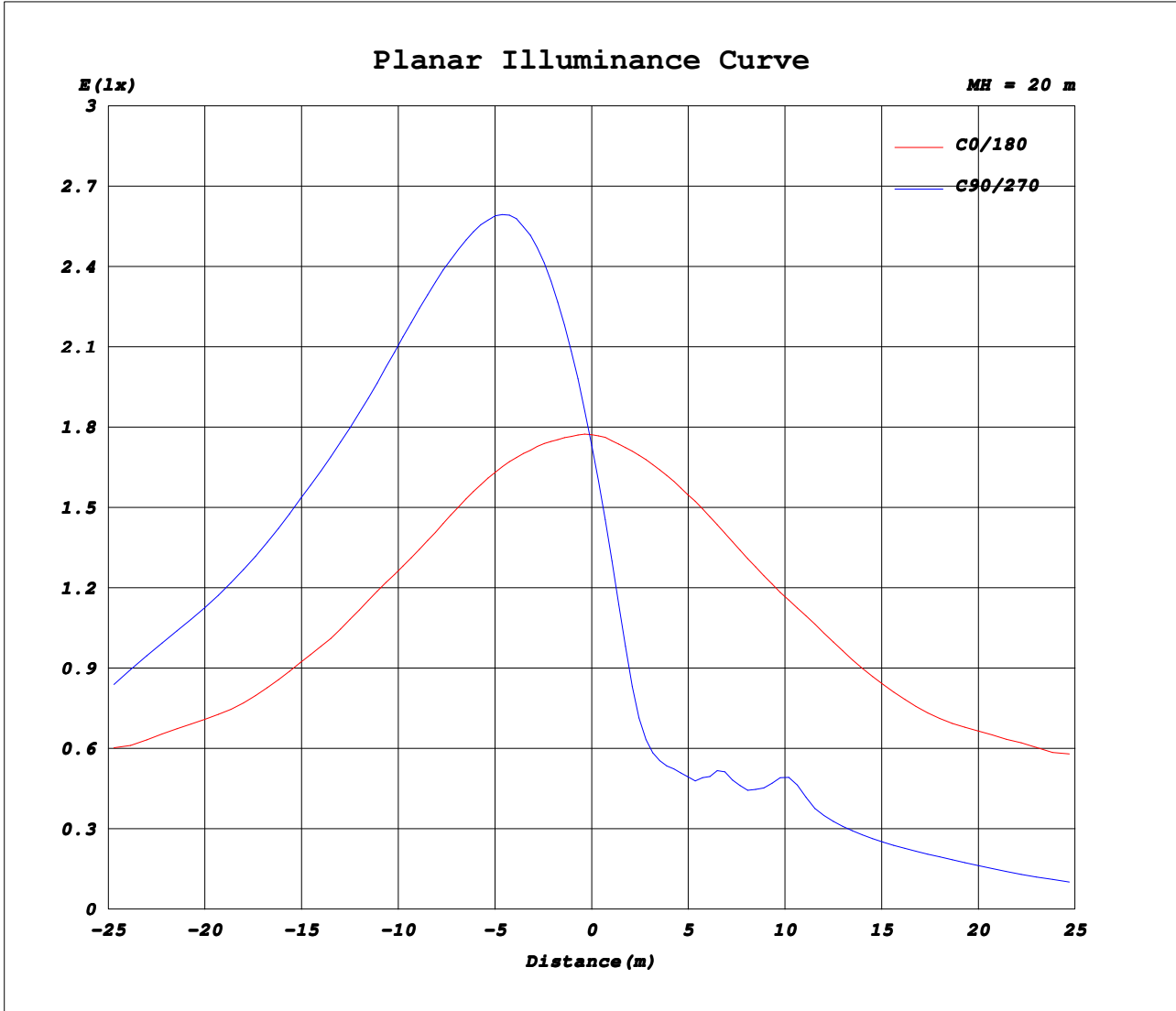
Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS15-35W-T3

Planar Illuminance Curve



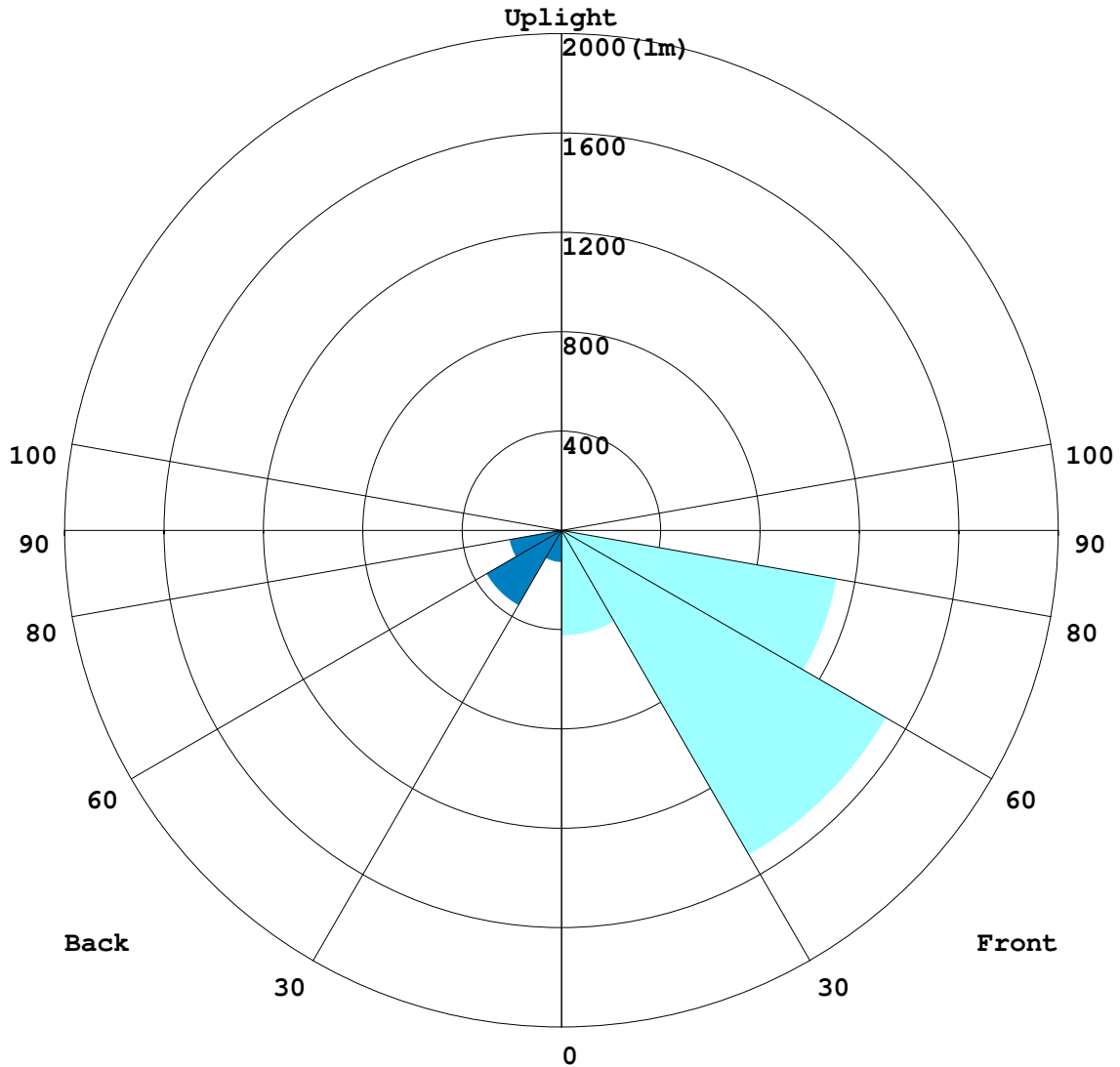
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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: LYS15-35W-T3

LCS REPORT

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	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: LYS15-35W-T3

BUG REPORT

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	423.39	11.3
FM - Front-Medium(30-60)	1509.9	40.1
FH - Front-High(60-80)	1124.1	29.9
FVH - Front-Very High(80-90)	4.0198	0.1
Total Forward Light	3061.5	81.4

BL - Back-Low(0-30)	128.48	3.4
BM - Back-Medium(30-60)	348.37	9.3
BH - Back-High(60-80)	211.33	5.6
BVH - Back-Very High(80-90)	11.696	0.3
Total Back Light	699.87	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	699.87	0	699.87
Street Side	3061.5	0	3061.5

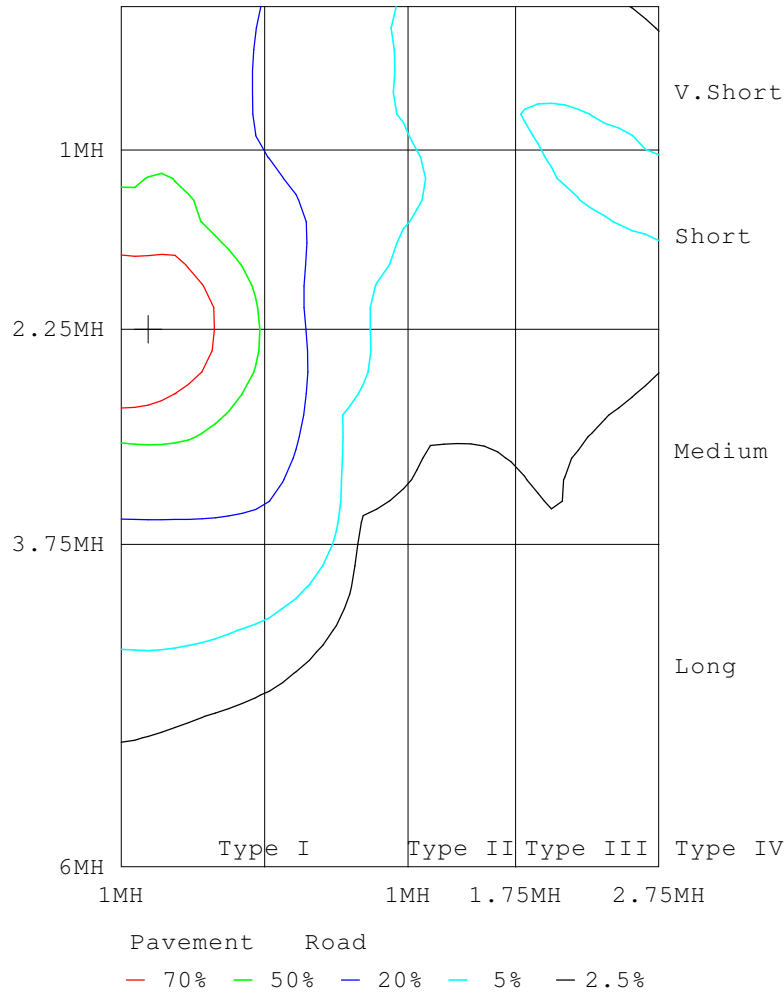
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 06.07.2020

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: LYS15-35W-T3

ROAD ISOCANDELA REPORT

Test:U:230.50V I:0.1549A P:35.060W PF:0.9818 Freq:50.01Hz Lamp Flux:3761.32x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:35W	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: LYS15-35W-T3

