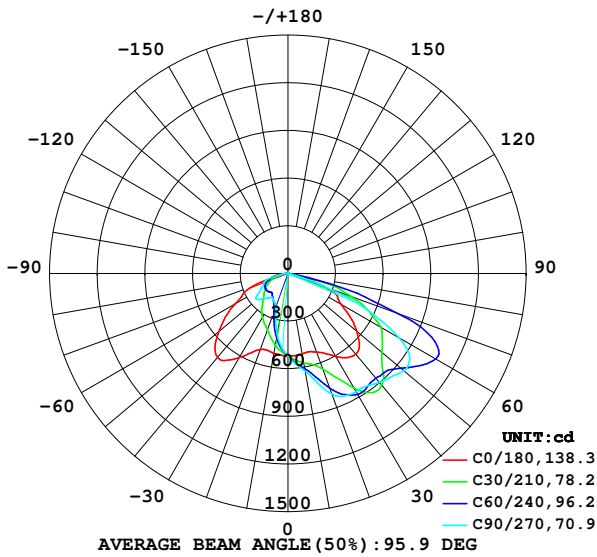
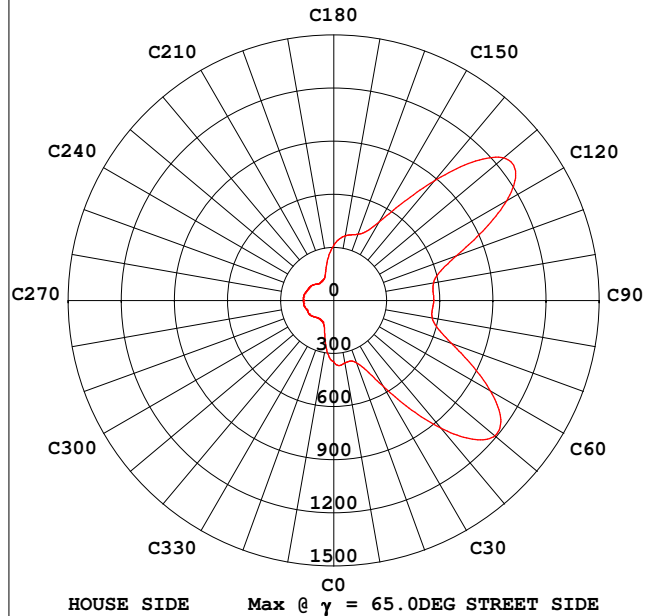


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.31 lm/W			
MODEL	LYS15	I _{max} (cd)	1254	η street_up (%)	0.0
NOMINAL POWER (W)	20W	LOR (%)	100.0	η street_down (%)	74.7
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	2298	η house_up (%)	0.0
NOMINAL FLUX (lm)	2298.48	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	14.271

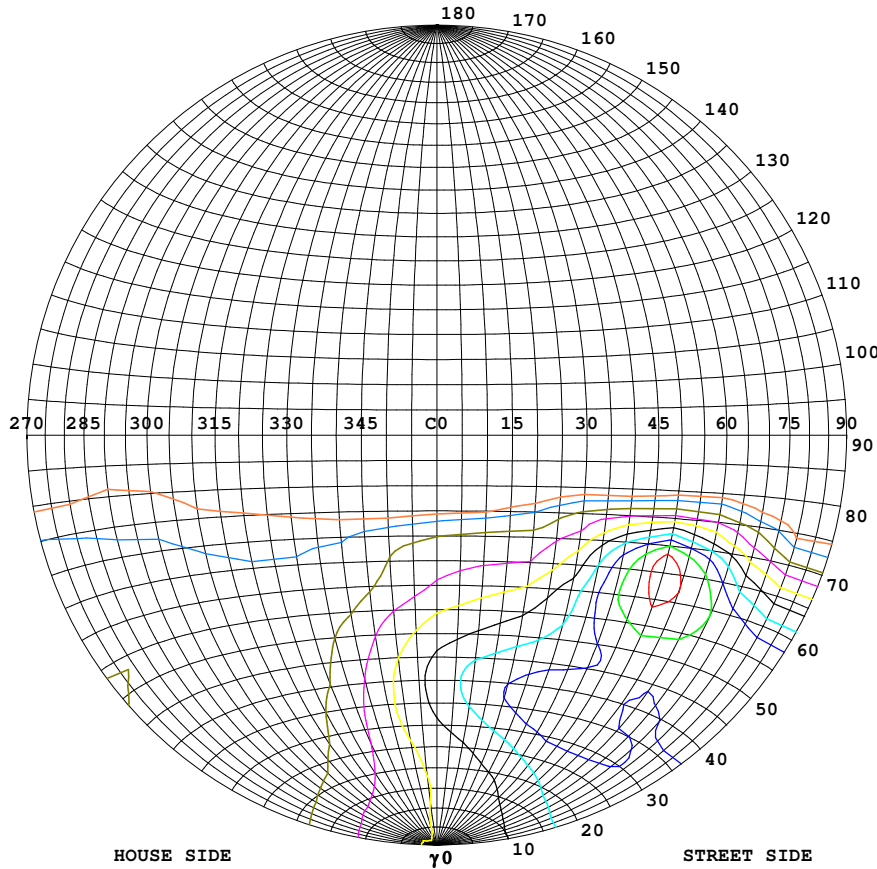
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS15-20W-T4

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

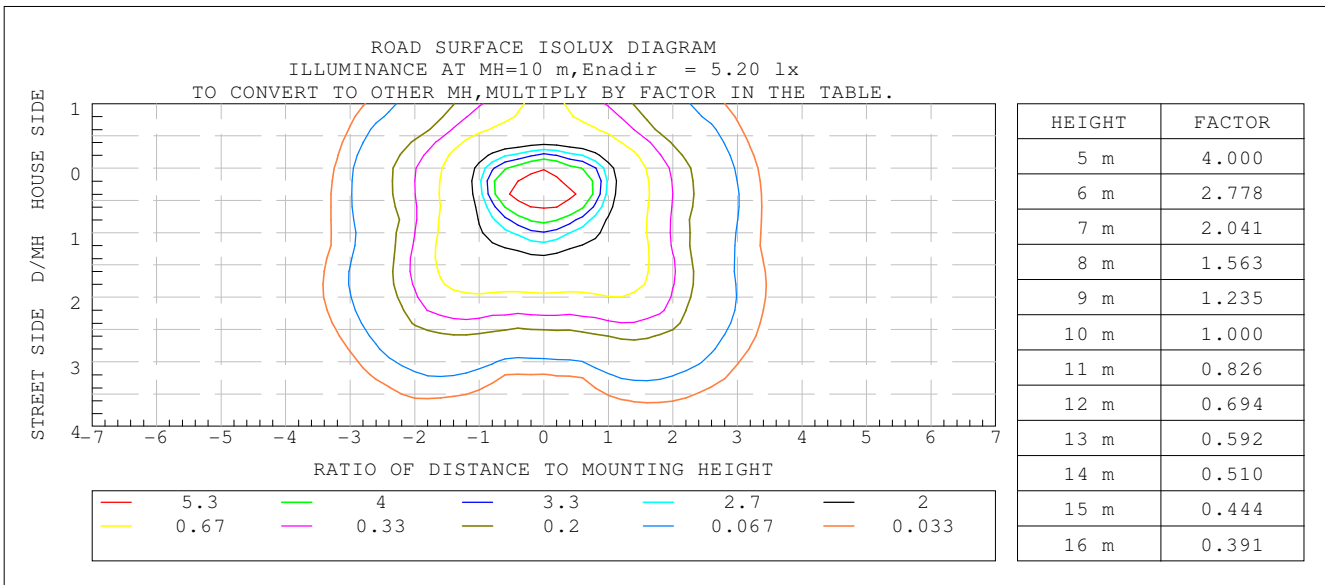
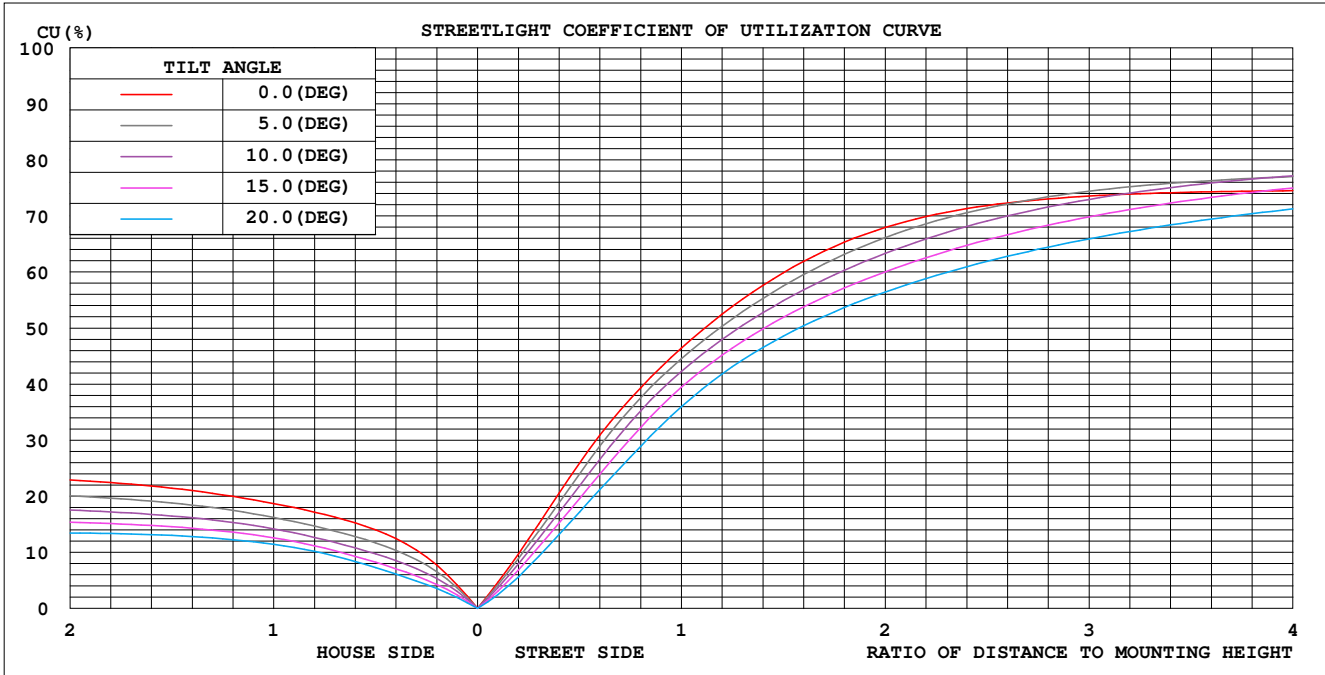
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:34.36cd/klm
 Max.At90:1.045cd/klm
 Max.80-90:34.36cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1254
90%	1129
80%	1003
70%	878
60%	753
50%	627
40%	502
30%	376
20%	251
10%	125
5%	63

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: LYS15-20W-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: LYS15-20W-T4

ZONAL FLUX DIAGRAM

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

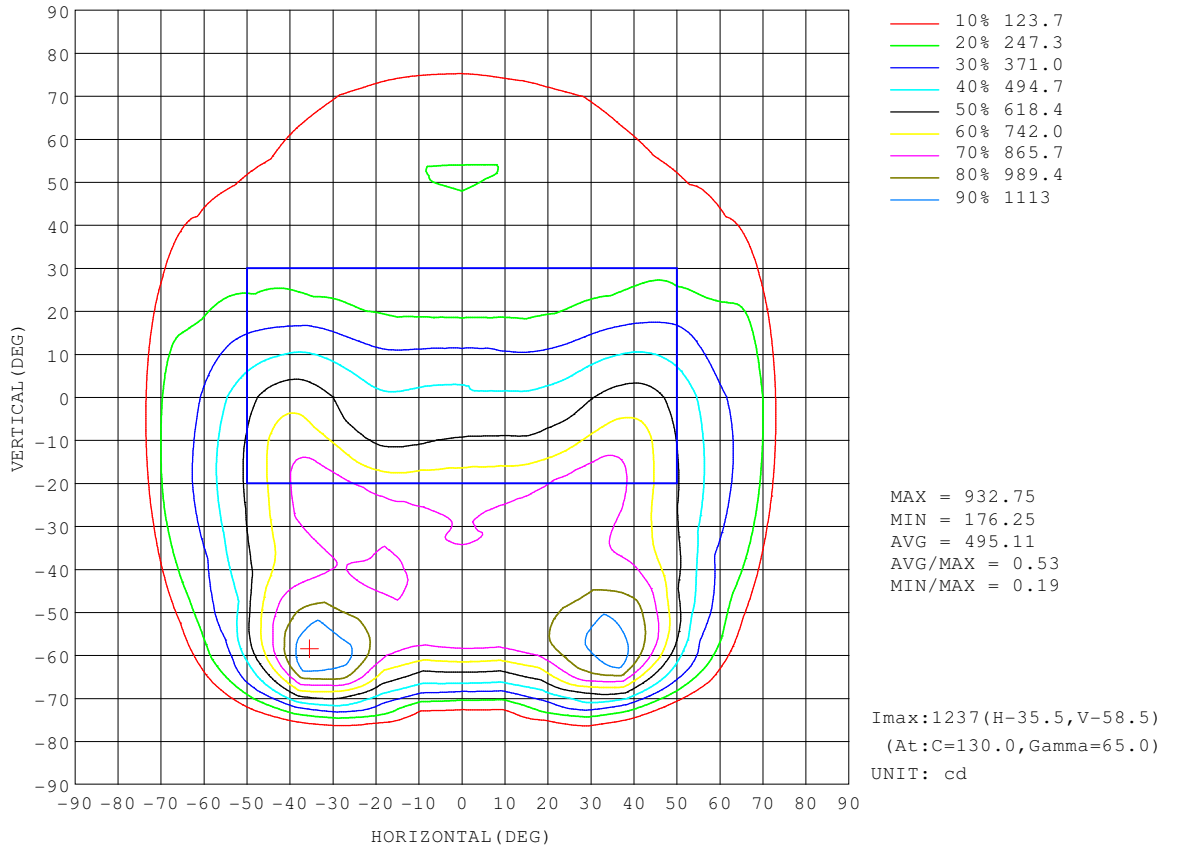
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	515.4	593.0	624.3	588.9	511.1	435.8	393.0	437.4	0- 10	49.40	49.40	2.15,2.15
20	527.9	706.9	807.7	680.8	510.2	310.7	227.7	309.3	10- 20	143.7	193.1	8.4,8.4
30	604.1	889.0	858.7	876.2	611.2	220.4	189.8	222.7	20- 30	247.2	440.3	19.2,19.2
40	664.3	900.6	893.9	941.7	690.1	182.5	204.8	184.9	30- 40	360.4	800.7	34.8,34.8
50	566.3	901.5	954.1	867.9	568.6	164.6	253.8	168.0	40- 50	492.1	1233	53.6,53.6
60	384.4	1058	805.4	1032	383.7	149.9	194.8	155.1	50- 60	467.5	1700	74,74
70	243.5	863.1	271.3	892.5	236.4	111.2	157.0	111.6	60- 70	421.2	2121	92.3,92.3
80	8.099	21.11	10.45	36.69	9.829	38.03	50.94	29.65	70- 80	168.1	2290	99.6,99.6
90	0.1575	0.1992	0.1841	0.3305	0.2255	2.001	0.2274	0.9457	80- 90	8.957	2298	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: LYS15-20W-T4

ISOCANDELA DIAGRAM

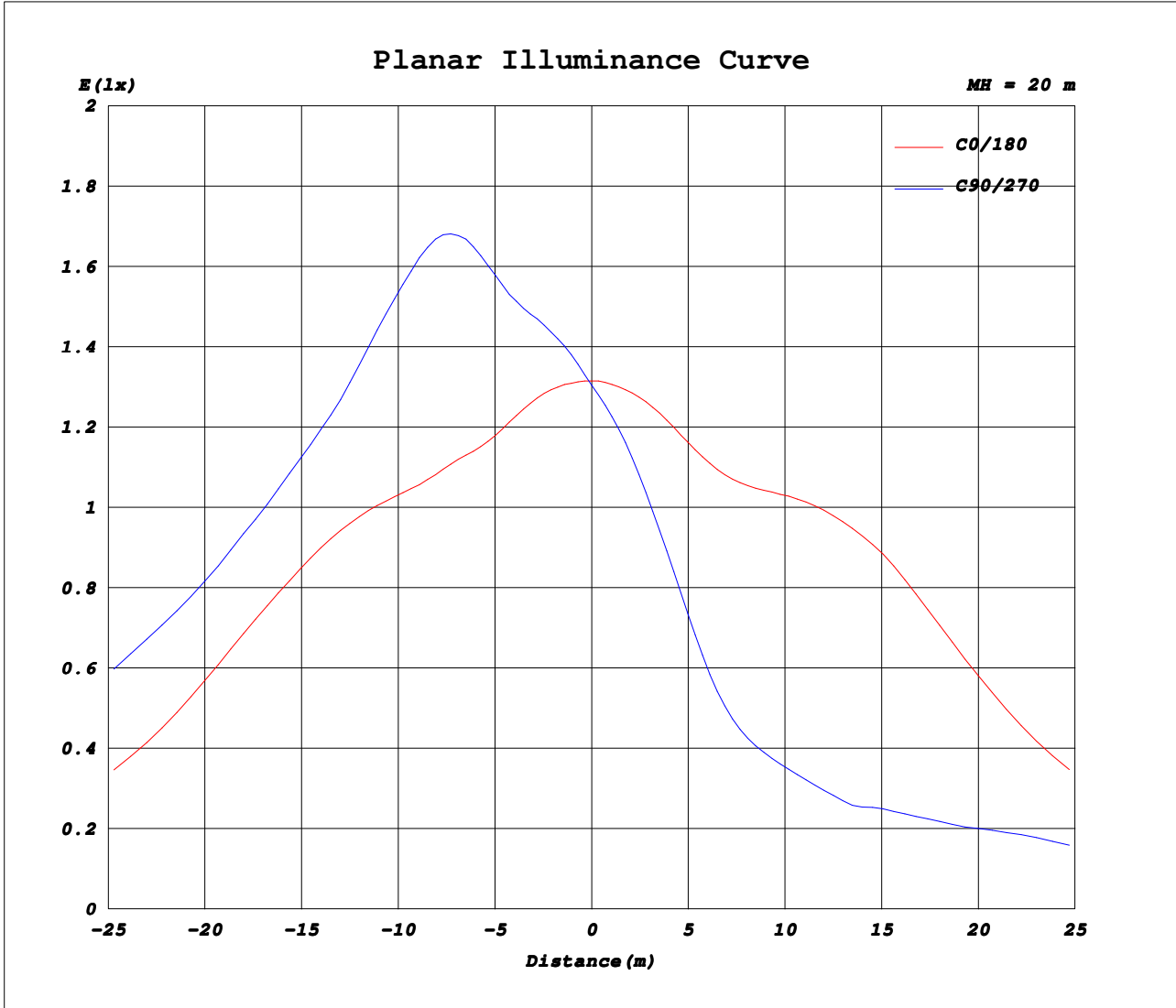
Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS15-20W-T4

Planar Illuminance Curve



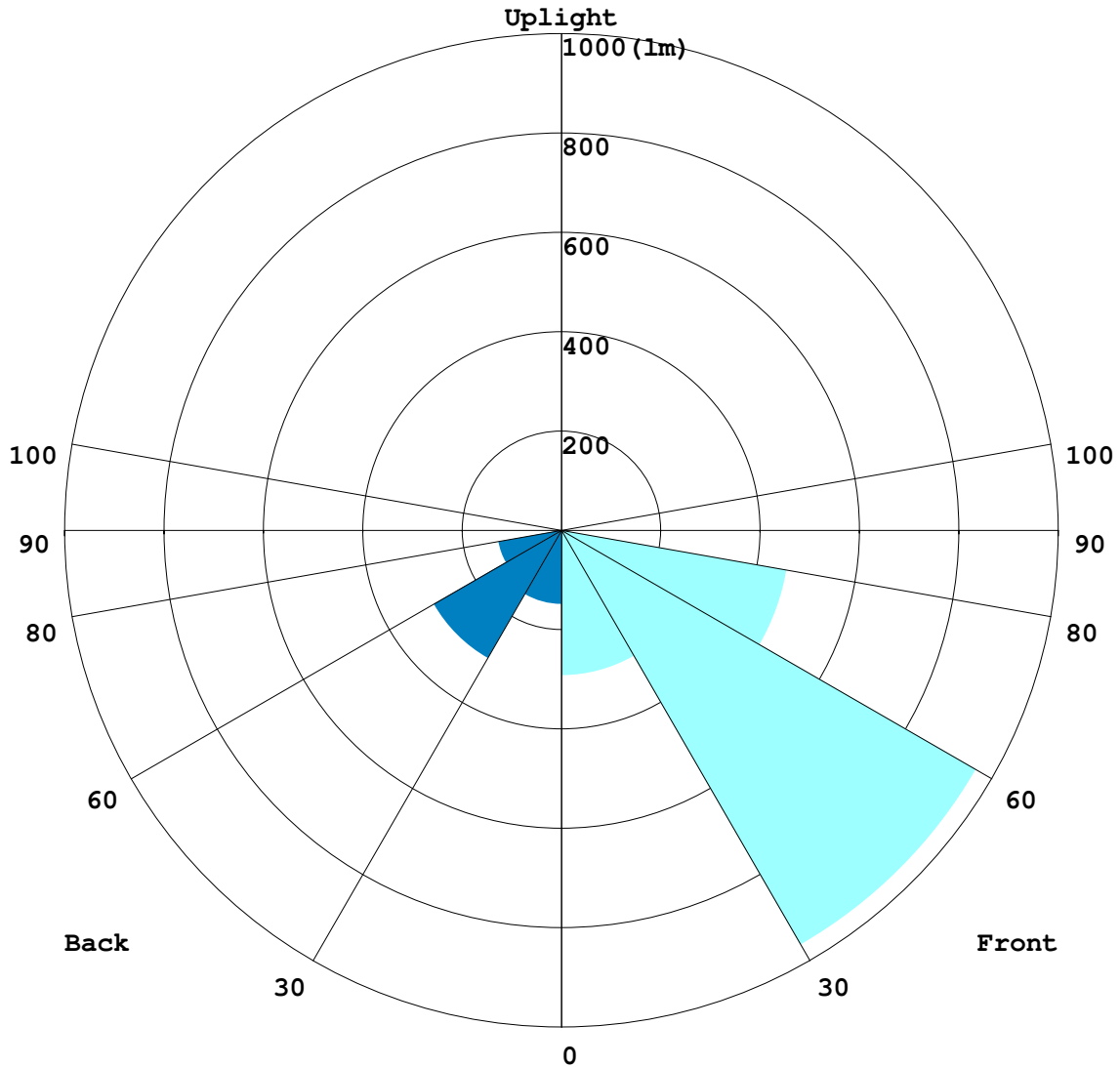
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-20W-T4

LCS REPORT

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	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: LYS15-20W-T4

BUG REPORT

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 Lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	DIM.: 330X220X68	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	291.82	12.7
FM - Front-Medium(30-60)	962.82	41.9
FH - Front-High(60-80)	460.12	20.0
FVH - Front-Very High(80-90)	2.0014	0.1
Total Forward Light	1716.8	74.7

BL - Back-Low(0-30)	148.45	6.5
BM - Back-Medium(30-60)	297.14	12.9
BH - Back-High(60-80)	129.17	5.6
BVH - Back-Very High(80-90)	6.9561	0.3
Total Back Light	581.71	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	581.71	0	581.71
Street Side	1716.8	0	1716.8

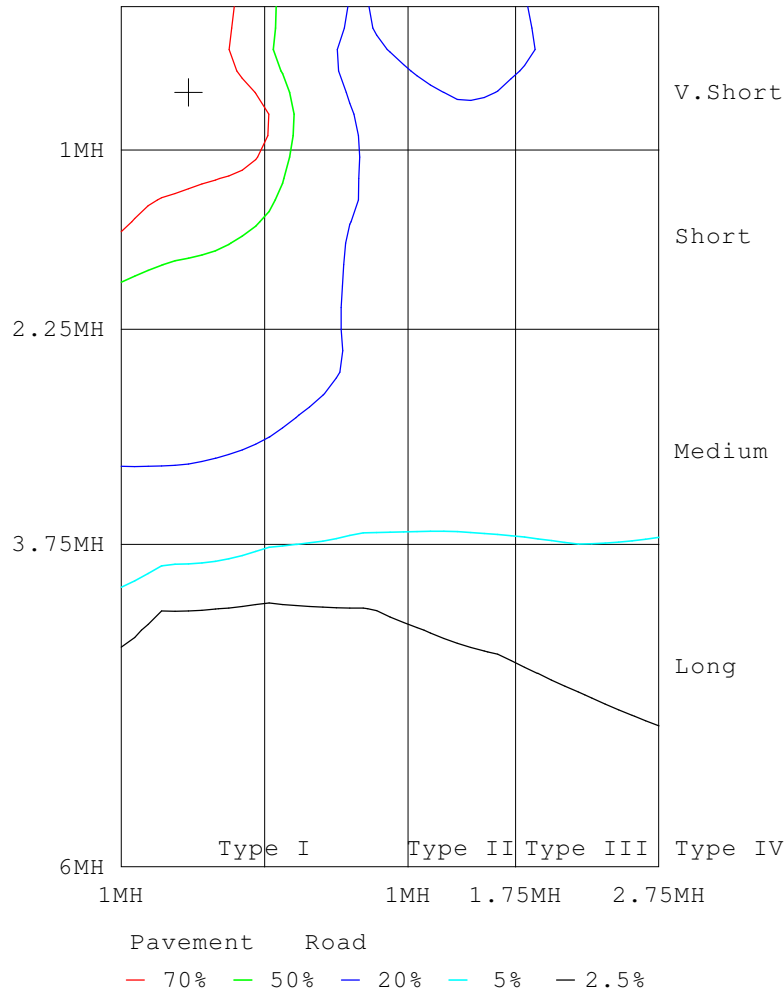
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07.07.2020

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: LYS15-20W-T4

ROAD ISOCANDELA REPORT

Test:U:230.50V I:0.0939A P:20.107W PF:0.9293 Freq:50.01Hz Lamp Flux:2298.48x1 lm		
NAME: LYS15	TYPE:LED	WEIGHT:4.8kg
SPEC.:20W	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: LYS15-20W-T4

