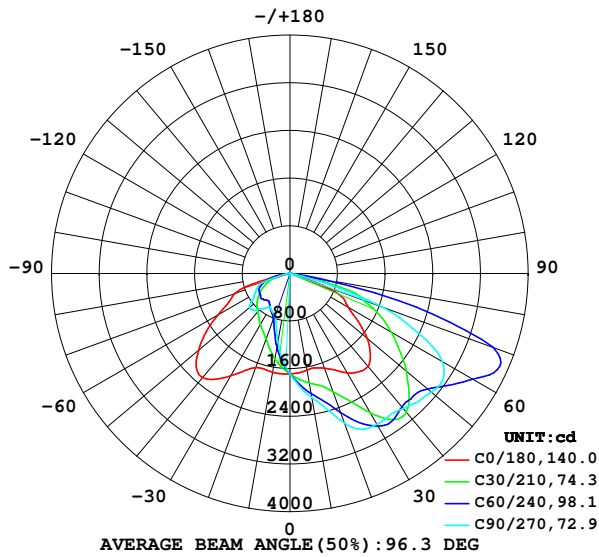
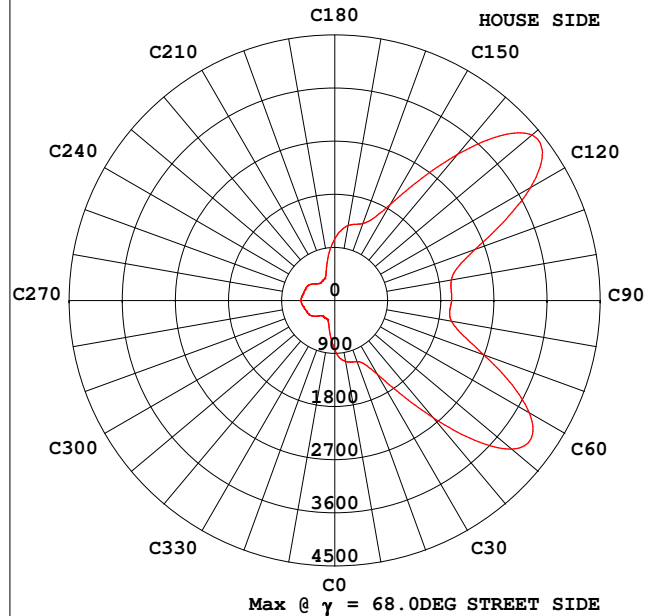


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.21 lm/W			
MODEL		I _{max} (cd)	4364	η street_up (%)	0.0
NOMINAL POWER (W)	70 WATT	LOR (%)	100.0	η street_down (%)	50.8
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	8005	η house_up (%)	0.0
NOMINAL FLUX (lm)	8005.01	MAXIMUM @ (C, γ)	130,68.0	η house_down (%)	49.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	15.630

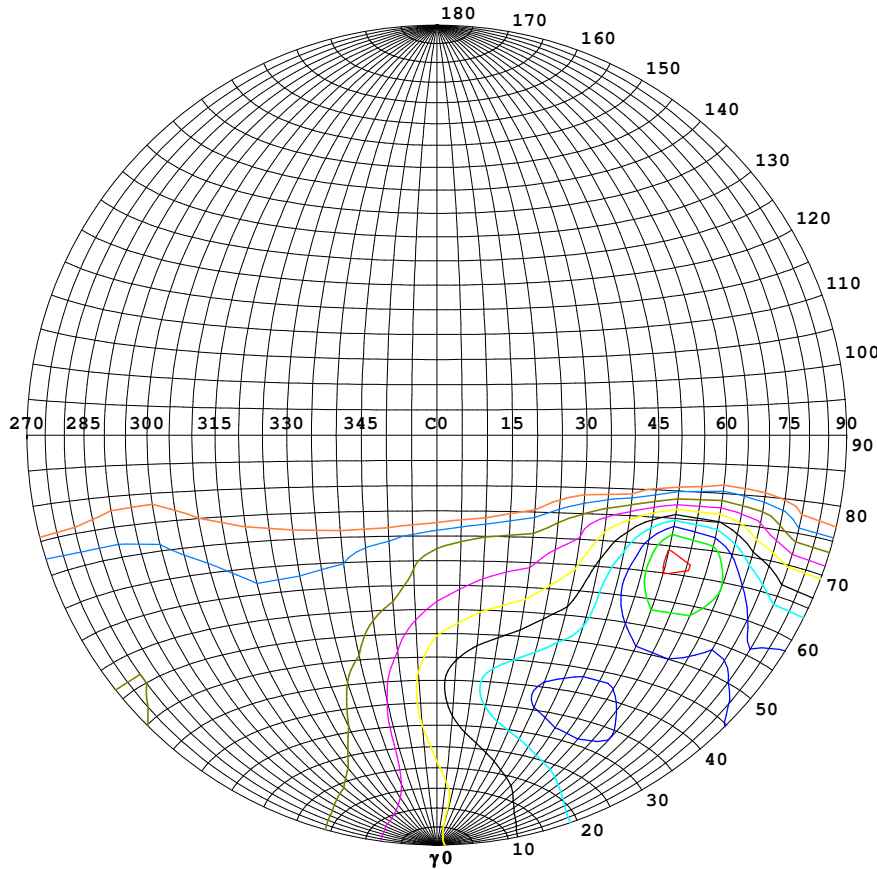
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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: LYS20-70WATT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

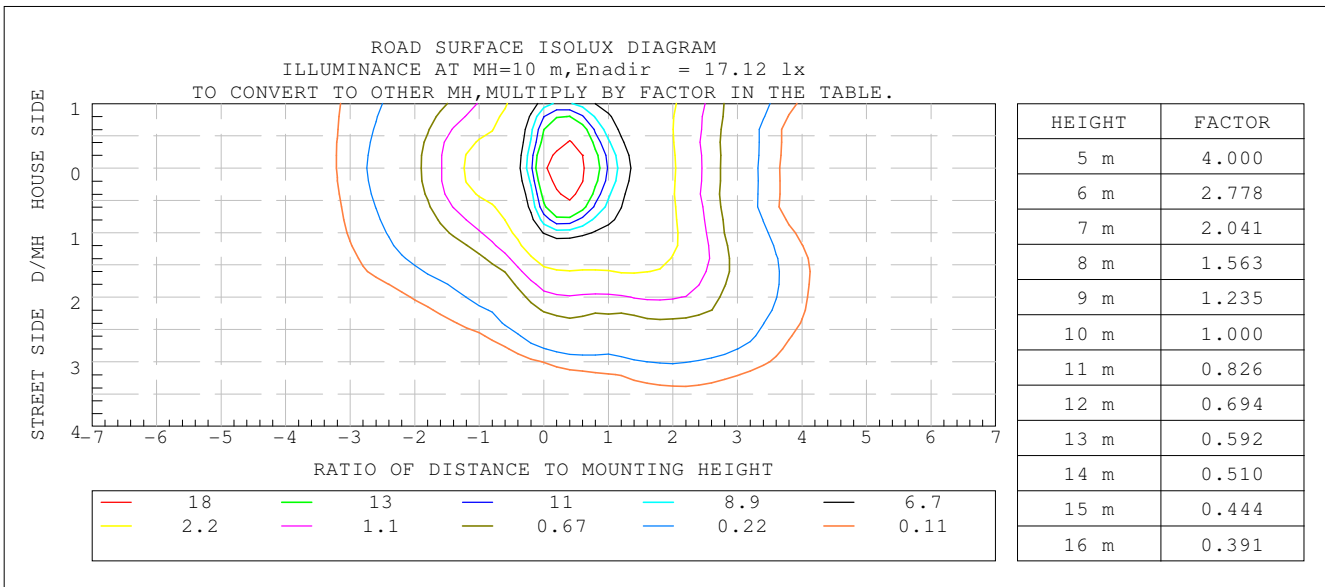
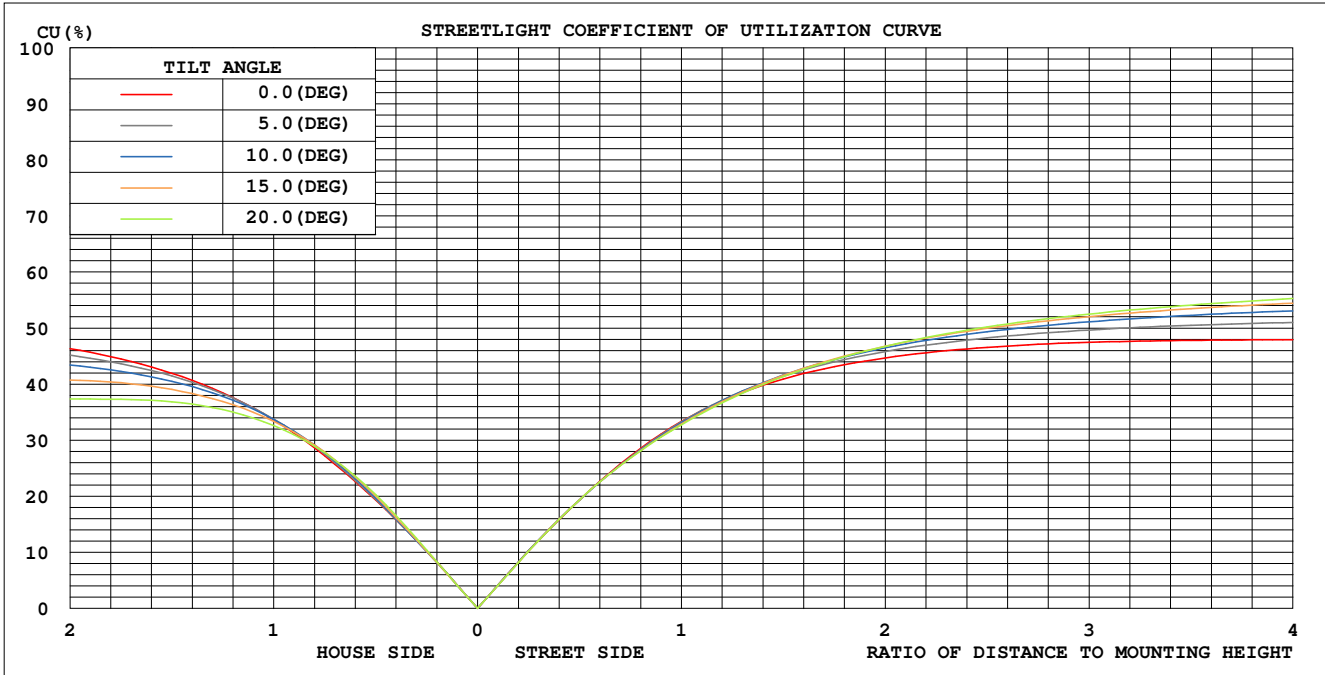
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:174.1cd/klm
 Max.At90:0.4358cd/klm
 Max.80-90:174.1cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4364
90%	3928
80%	3491
70%	3055
60%	2618
50%	2182
40%	1746
30%	1309
20%	873
10%	436
5%	218

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:11.06.2020

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: LYS20-70WATT

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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: LYS20-70WATT

ZONAL FLUX DIAGRAM

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

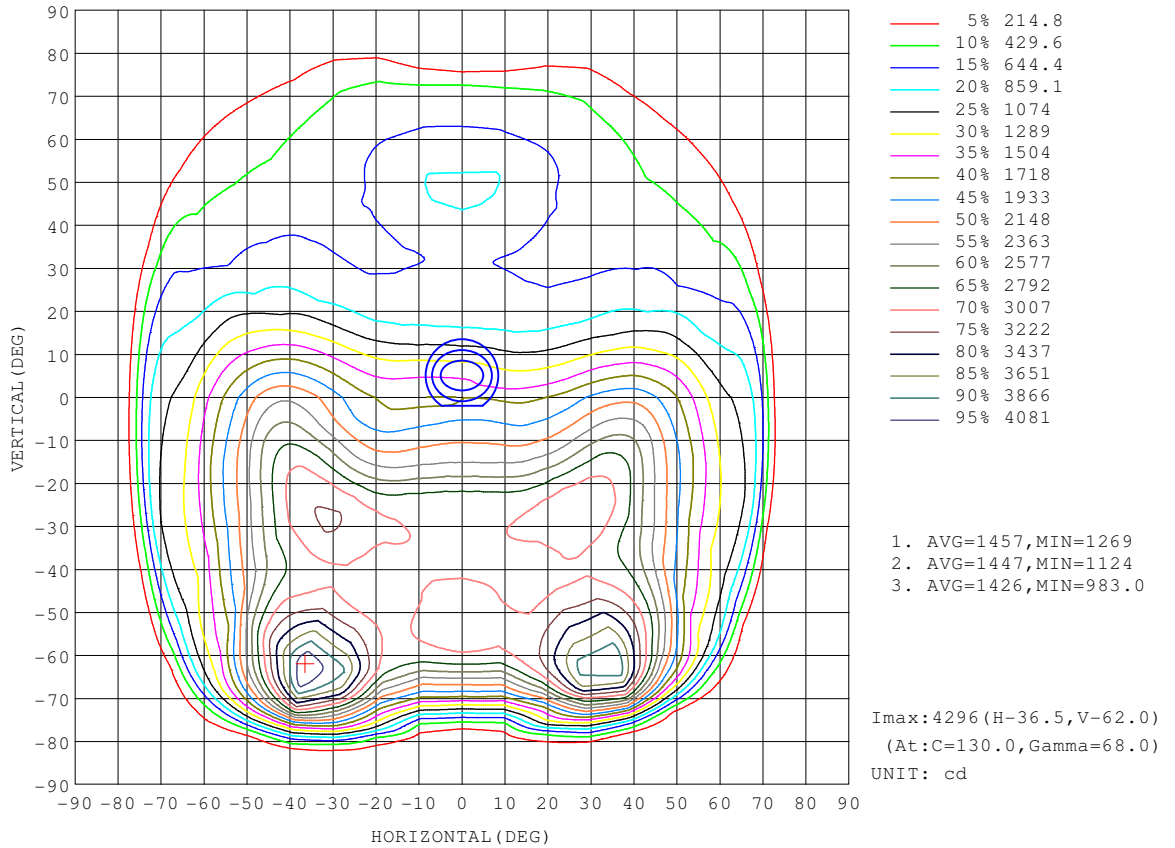
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
10	1648	1972	2115	2003	1685	1353	1176	1309	0- 10	159.7	159.7	1.99,1.99
20	1693	2297	2672	2289	1684	956.0	758.1	906.0	10- 20	463.8	623.5	7.79,7.79
30	1928	2926	2923	2856	1982	735.8	662.8	710.5	20- 30	809.1	1433	17.9,17.9
40	2040	3093	2962	3241	2282	650.1	778.3	617.3	30- 40	1196	2629	32.8,32.8
50	1694	2882	3098	3015	2002	604.8	888.1	579.3	40- 50	1456	4085	51,51
60	1128	3239	2953	3343	1407	534.2	685.5	509.2	50- 60	1544	5629	70.3,70.3
70	605.4	3121	1629	3690	986.6	377.3	540.6	331.7	60- 70	1501	7130	89.1,89.1
80	18.90	261.2	14.43	1253	66.66	122.9	26.69	47.48	70- 80	822.2	7952	99.3,99.3
90	0.8687	1.115	0.8105	3.134	2.966	3.346	1.441	3.166	80- 90	52.68	8005	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:11.06.2020

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: LYS20-70WATT

ISOCANDELA DIAGRAM

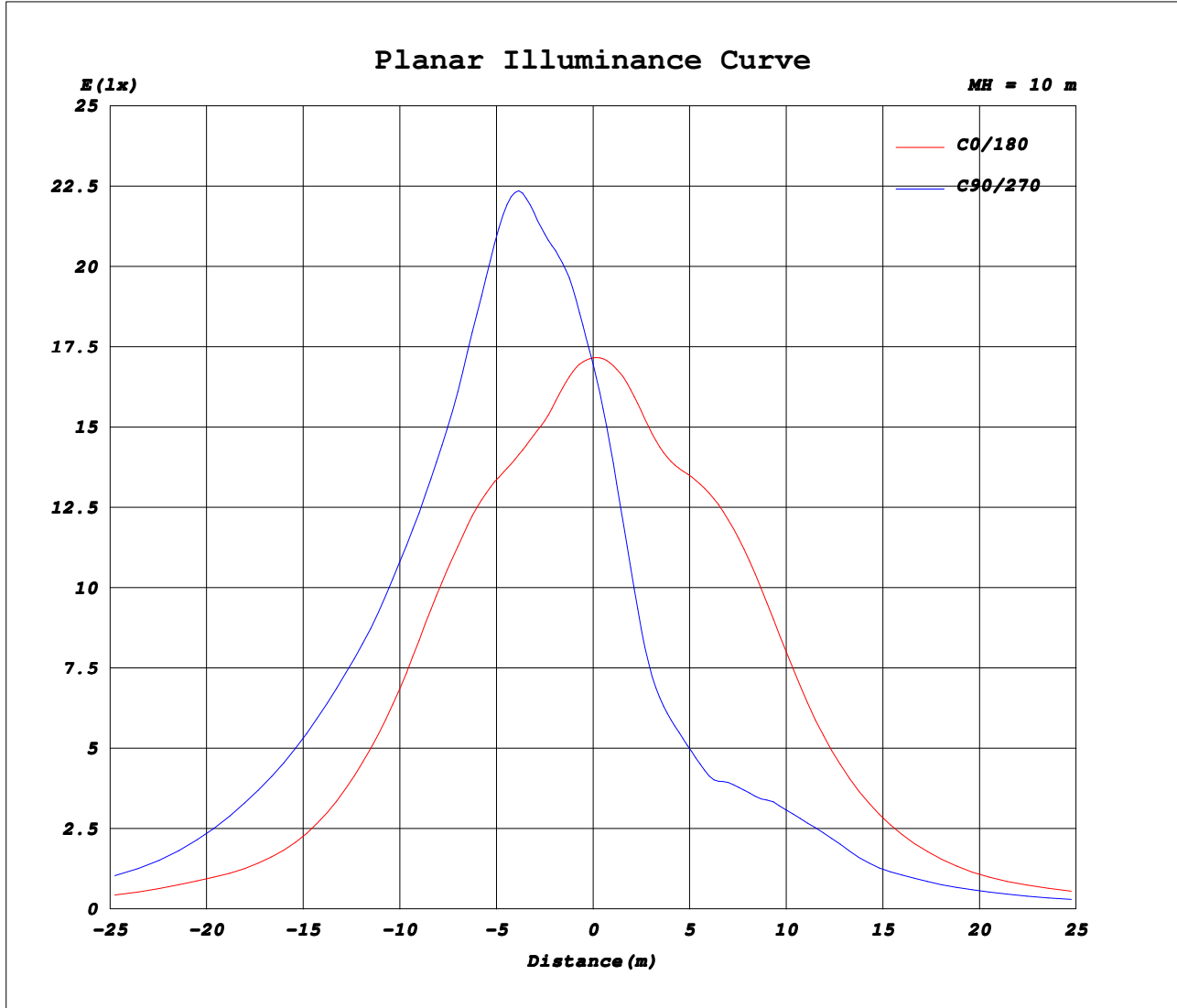
Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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: LYS20-70WATT

Planar Illuminance Curve



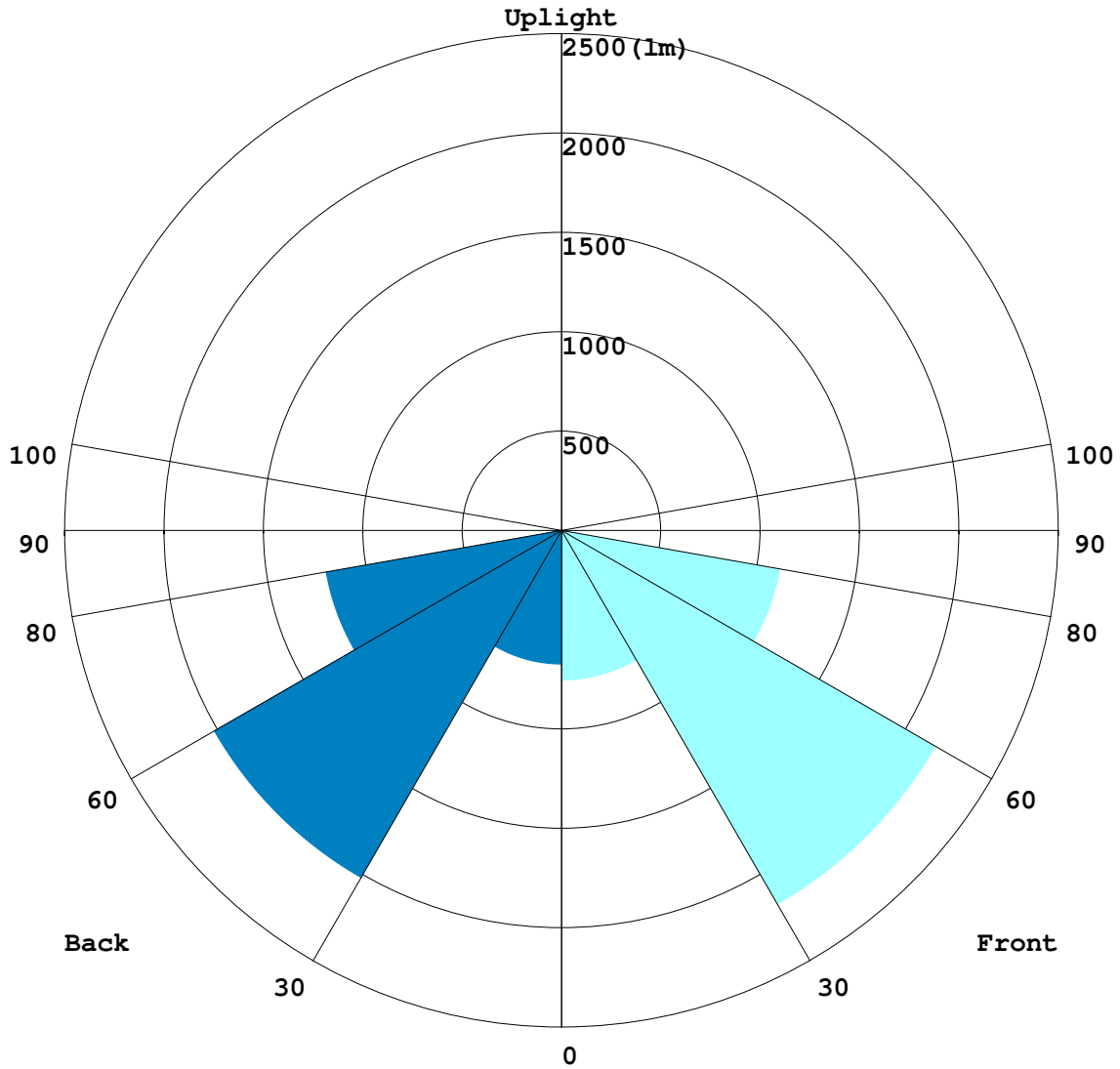
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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: LYS20-70WATT

LCS REPORT

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	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: 11.06.2020

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: LYS20-70WATT

BUG REPORT

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 Lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	756.38	9.4
FM - Front-Medium(30-60)	2175.6	27.2
FH - Front-High(60-80)	1119.3	14.0
FVH - Front-Very High(80-90)	12.11	0.2
Total Forward Light	4063.4	50.8

BL - Back-Low(0-30)	676.29	8.4
BM - Back-Medium(30-60)	2020.3	25.2
BH - Back-High(60-80)	1204.4	15.0
BVH - Back-Very High(80-90)	40.567	0.5
Total Back Light	3941.6	49.2

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3941.6	0	3941.6
Street Side	4063.4	0	4063.4

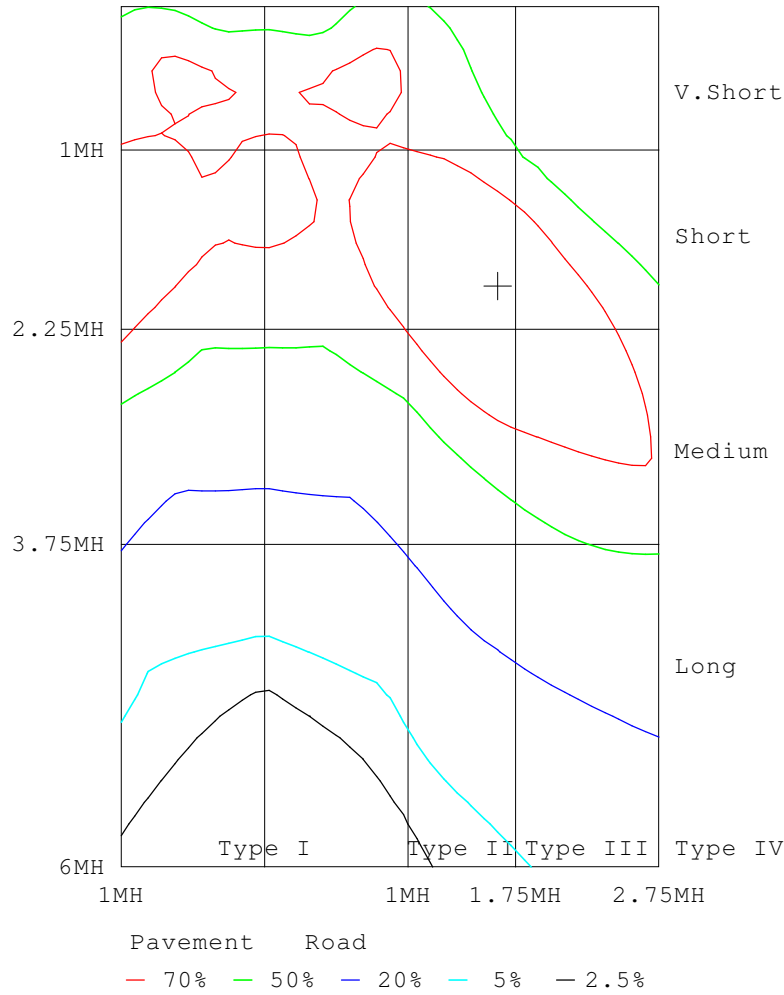
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 11.06.2020

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: LYS20-70WATT

ROAD ISOCANDELA REPORT

Test:U:230.43V I:0.2967A P:67.152W PF:0.9823 Freq:50.01Hz Lamp Flux:8005.01x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:70 WATT	DIM.: 400X240X50	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: 11.06.2020

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: LYS20-70WATT

