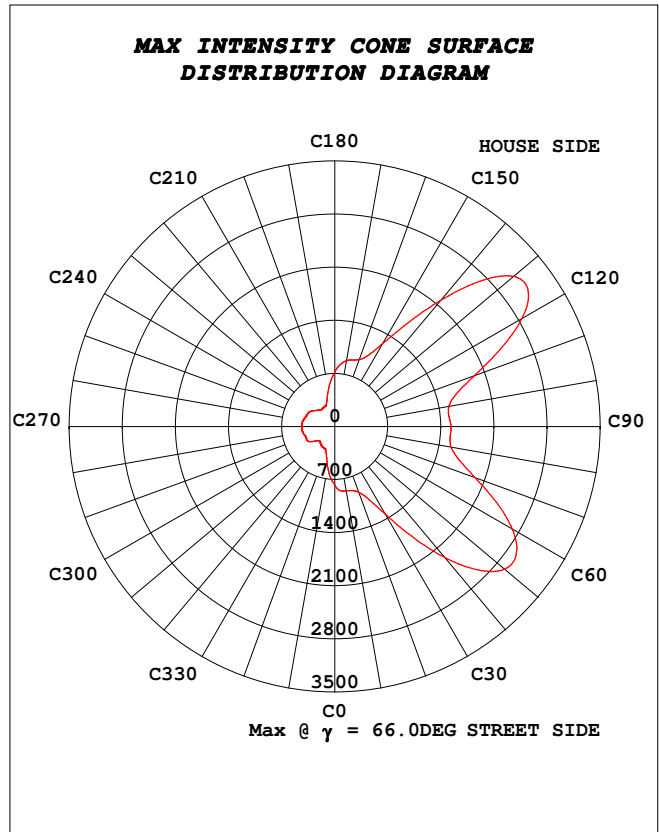
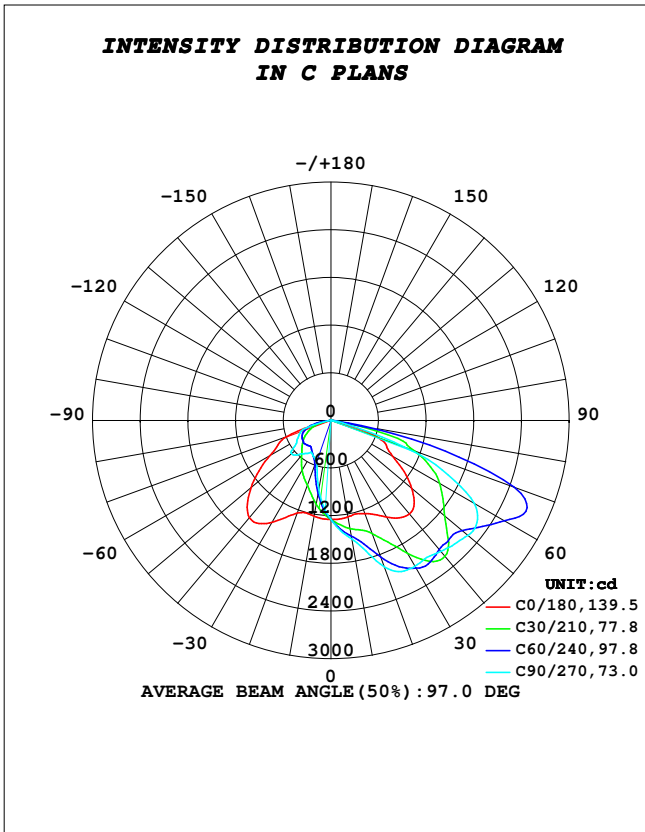


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.66 lm/W			
MODEL	LYS20	I _{max} (cd)	3081	η street_up (%)	0.0
NOMINAL POWER (W)	45 WATT	LOR (%)	100.0	η street_down (%)	52.6
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	5700	η house_up (%)	0.0
NOMINAL FLUX (lm)	5700.17	MAXIMUM @ (C, γ)	130,66.0	η house_down (%)	47.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.005

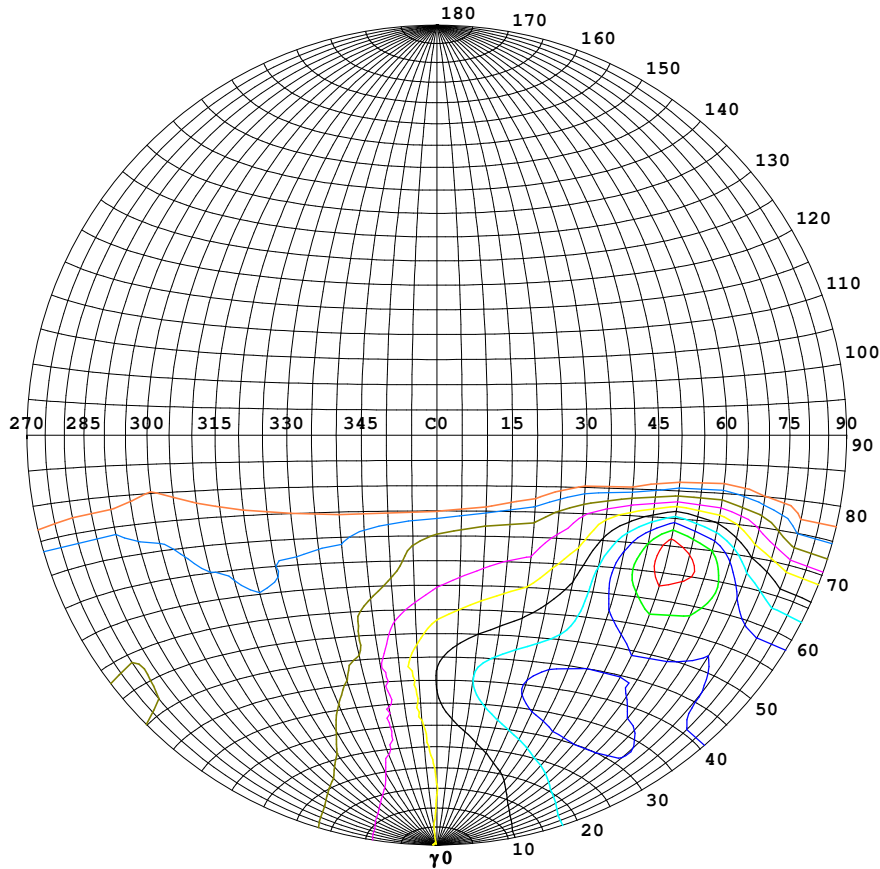


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: LITPA
 Test Date: 16.07.2020

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: LYS20-45WATT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

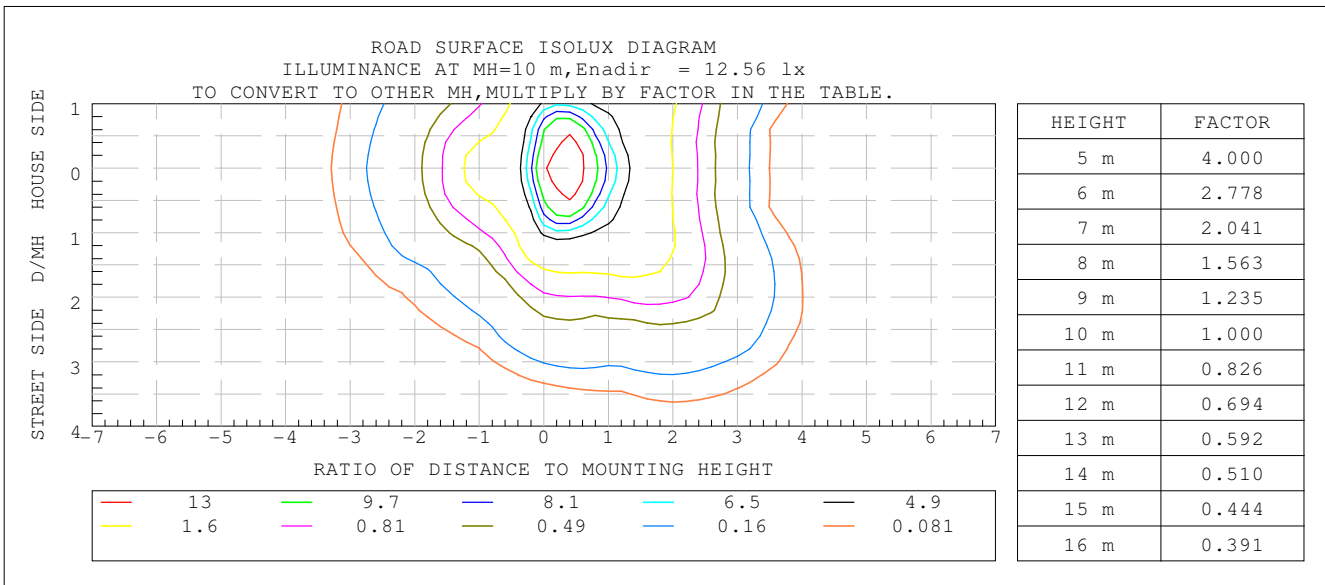
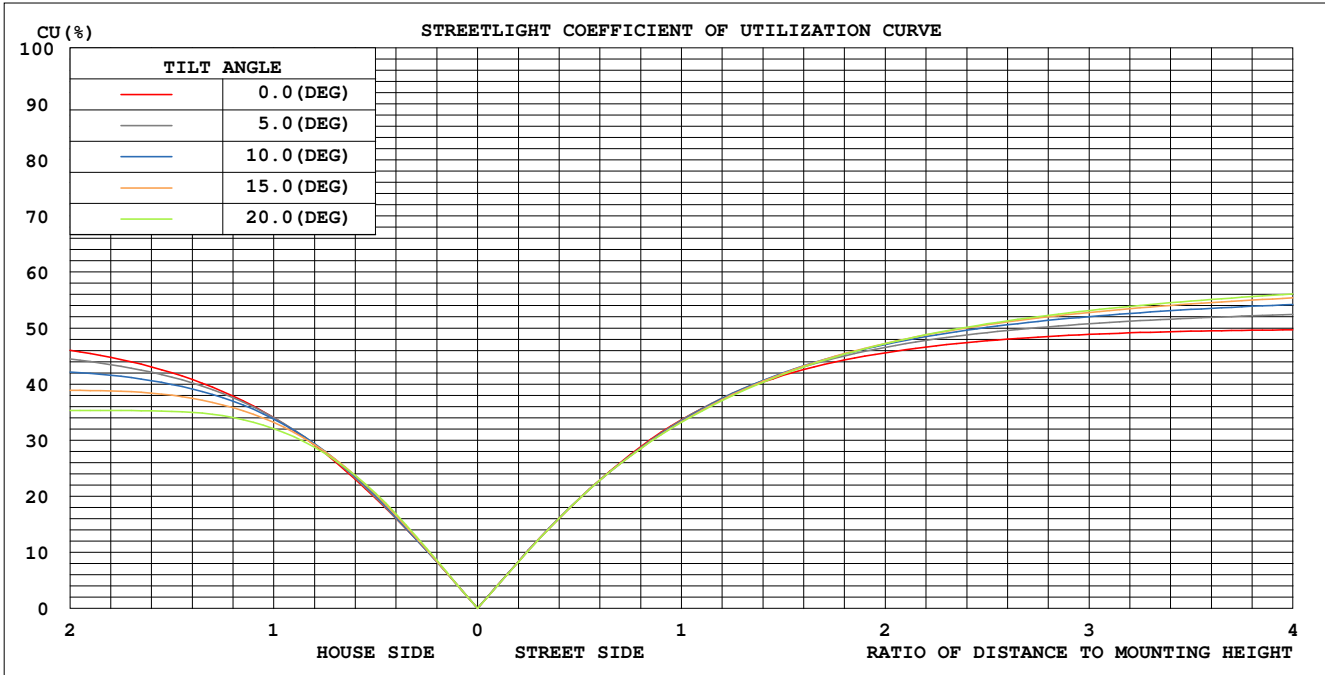
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:68.82cd/klm
 Max.At90:0.6266cd/klm
 Max.80-90:68.82cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3081
90%	2773
80%	2465
70%	2157
60%	1849
50%	1541
40%	1233
30%	924
20%	616
10%	308
5%	154

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:16.07.2020

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: LYS20-45WATT

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 16.07.2020

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: LYS20-45WATT

ZONAL FLUX DIAGRAM

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

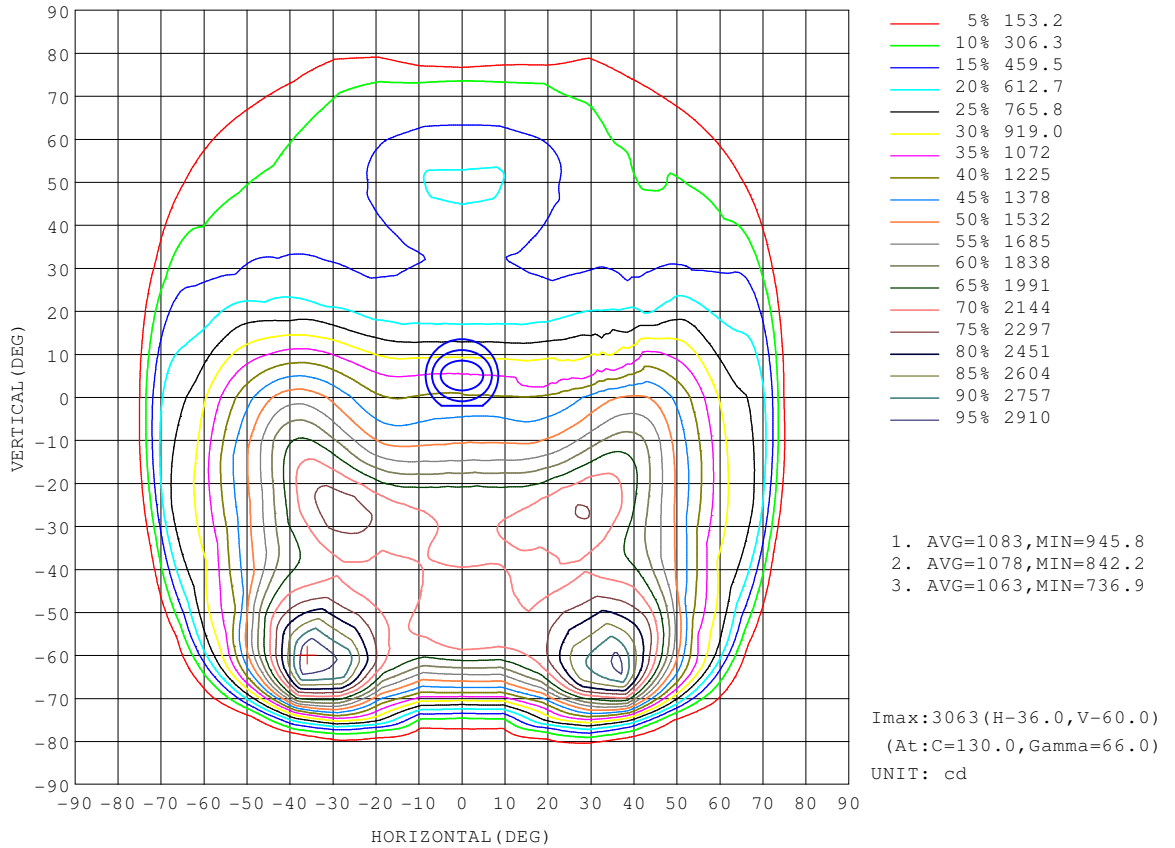
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	1235	1438	1516	1435	1225	999.9	886.1	1001	0- 10	117.6	117.6	2.06,2.06
20	1247	1673	1960	1670	1242	701.8	548.7	700.3	10- 20	339.8	457.5	8.03,8.03
30	1405	2118	2120	2168	1480	524.0	482.4	524.0	20- 30	592.7	1050	18.4,18.4
40	1538	2248	2155	2331	1599	454.5	549.8	445.7	30- 40	868.7	1919	33.7,33.7
50	1328	2096	2250	2100	1312	414.9	650.9	410.9	40- 50	1037	2956	51.9,51.9
60	897.2	2418	2082	2462	888.6	366.3	496.7	353.0	50- 60	1107	4063	71.3,71.3
70	630.4	2457	1002	2434	589.6	262.5	399.2	240.4	60- 70	1074	5137	90.1,90.1
80	25.59	279.7	76.03	213.9	27.20	75.58	40.45	84.46	70- 80	536.7	5674	99.5,99.5
90	0.5134	0.7499	0.8203	1.609	0.6283	1.633	0.8965	2.173	80- 90	26.33	5700	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:16.07.2020

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: LYS20-45WATT

ISOCANDELA DIAGRAM

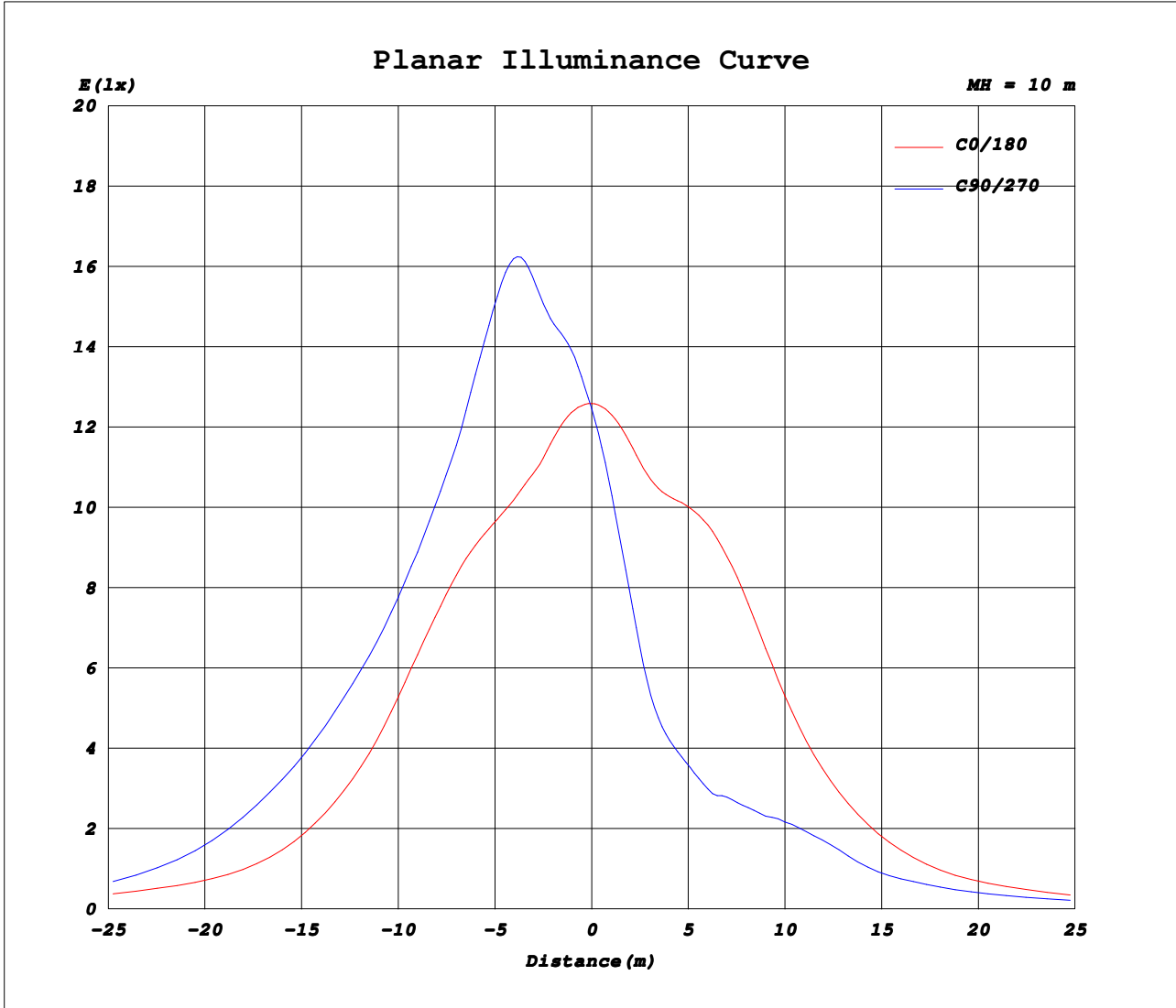
Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:16.07.2020

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: LYS20-45WATT

Planar Illuminance Curve



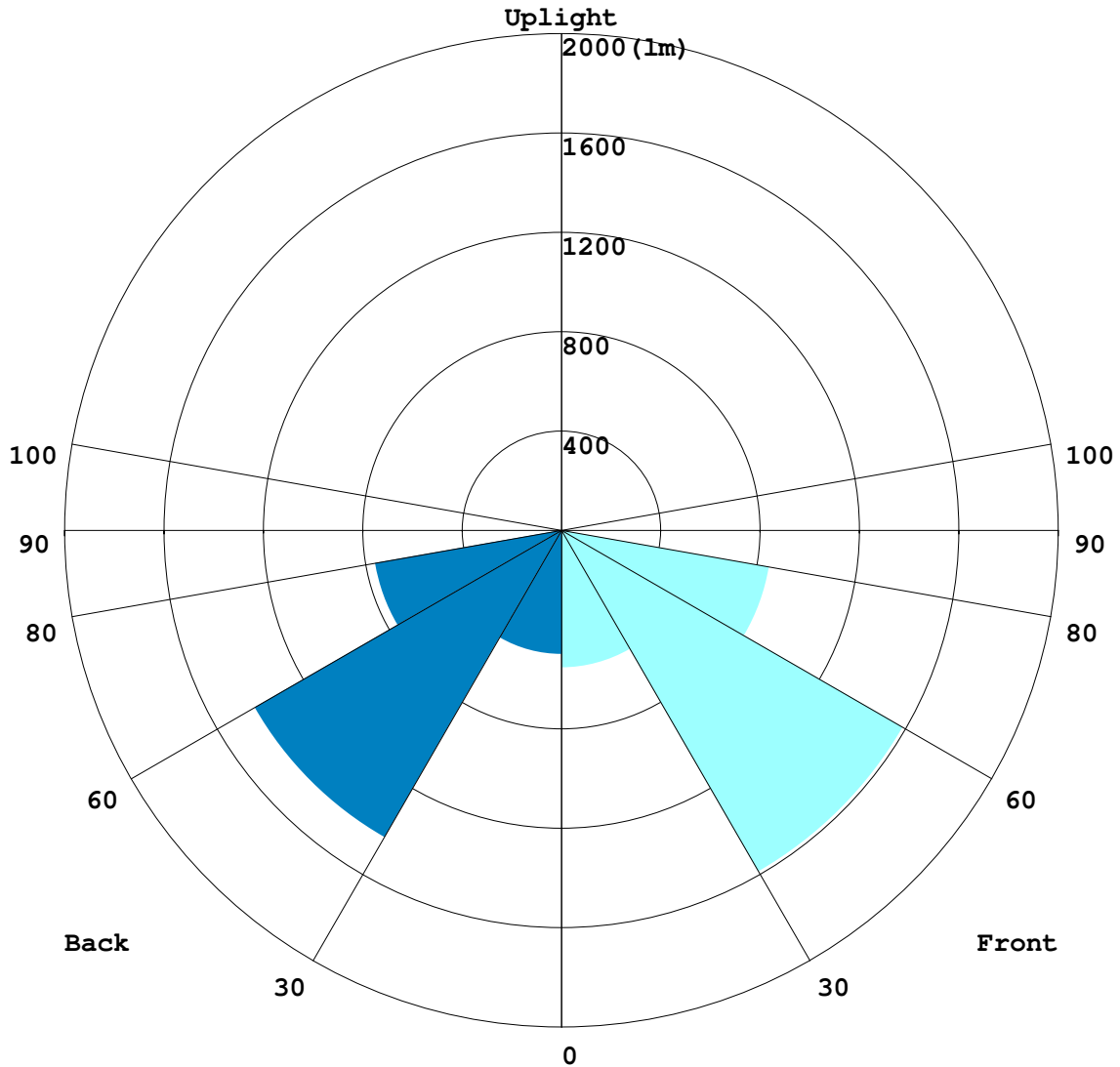
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 16.07.2020

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: LYS20-45WATT

LCS REPORT

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 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: 16.07.2020

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: LYS20-45WATT

BUG REPORT

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	551.66	9.7
FM - Front-Medium(30-60)	1585.8	27.8
FH - Front-High(60-80)	848.86	14.9
FVH - Front-Very High(80-90)	14.52	0.3
Total Forward Light	3000.8	52.6

BL - Back-Low(0-30)	498.49	8.7
BM - Back-Medium(30-60)	1426.9	25.0
BH - Back-High(60-80)	762.12	13.4
BVH - Back-Very High(80-90)	11.807	0.2
Total Back Light	2699.3	47.4

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2699.3	0	2699.3
Street Side	3000.8	0	3000.8

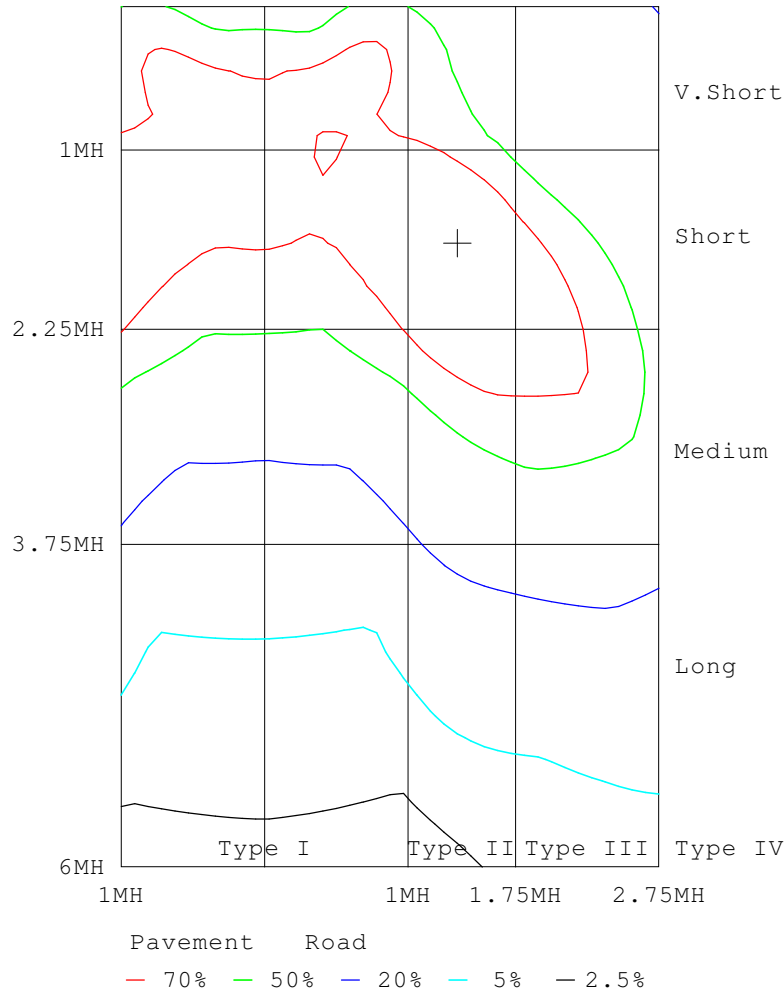
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 16.07.2020

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: LYS20-45WATT

ROAD ISOCANDELA REPORT

Test:U:230.49V I:0.2006A P:44.652W PF:0.9656 Freq:50.01Hz Lamp Flux:5700.17x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 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: 16.07.2020

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: LYS20-45WATT

