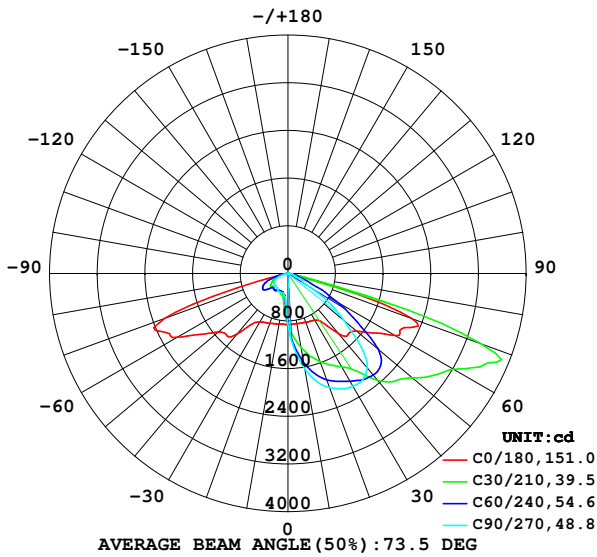
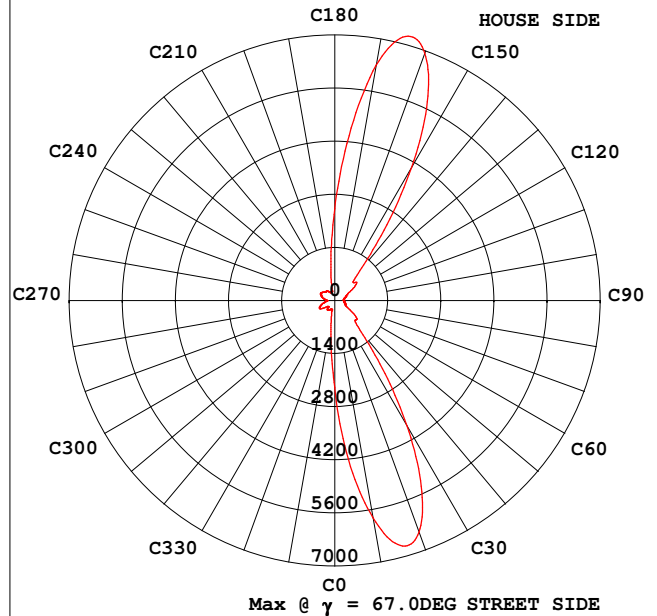


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 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: 127.28 lm/W			
MODEL	LYS20	I _{max} (cd)	6942	η street_up (%)	0.0
NOMINAL POWER (W)	45 WATT	LOR (%)	100.0	η street_down (%)	51.3
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	5695	η house_up (%)	0.0
NOMINAL FLUX (lm)	5694.56	MAXIMUM @ (C, γ)	160, 67.0	η house_down (%)	48.7
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	16.905

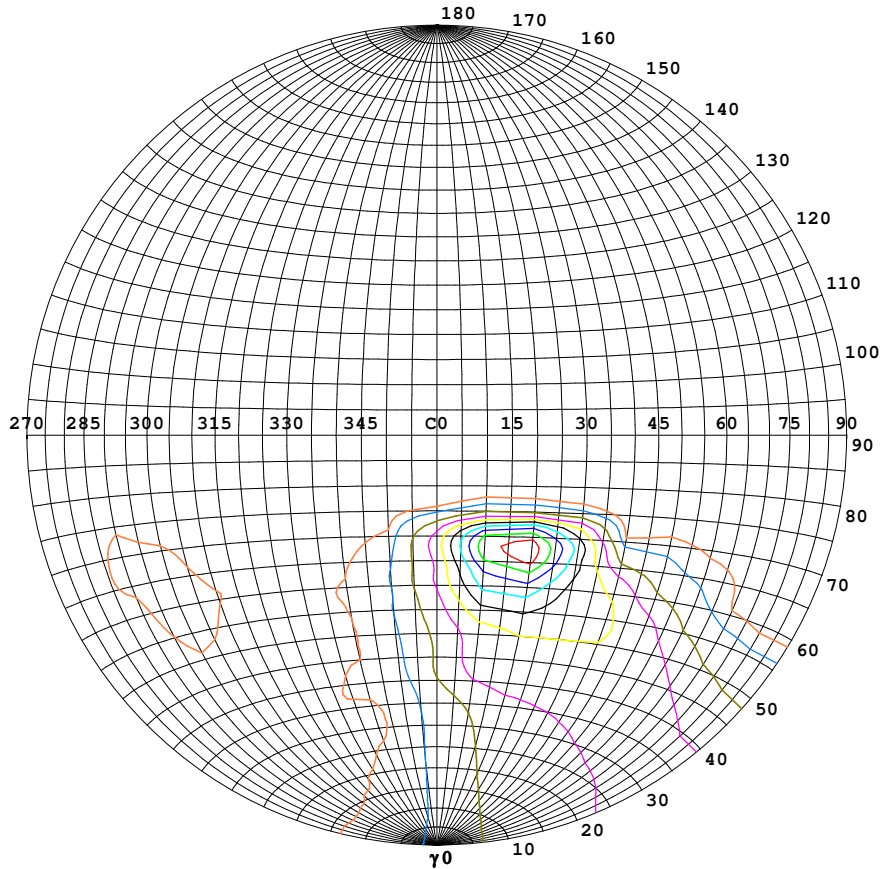
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 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:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

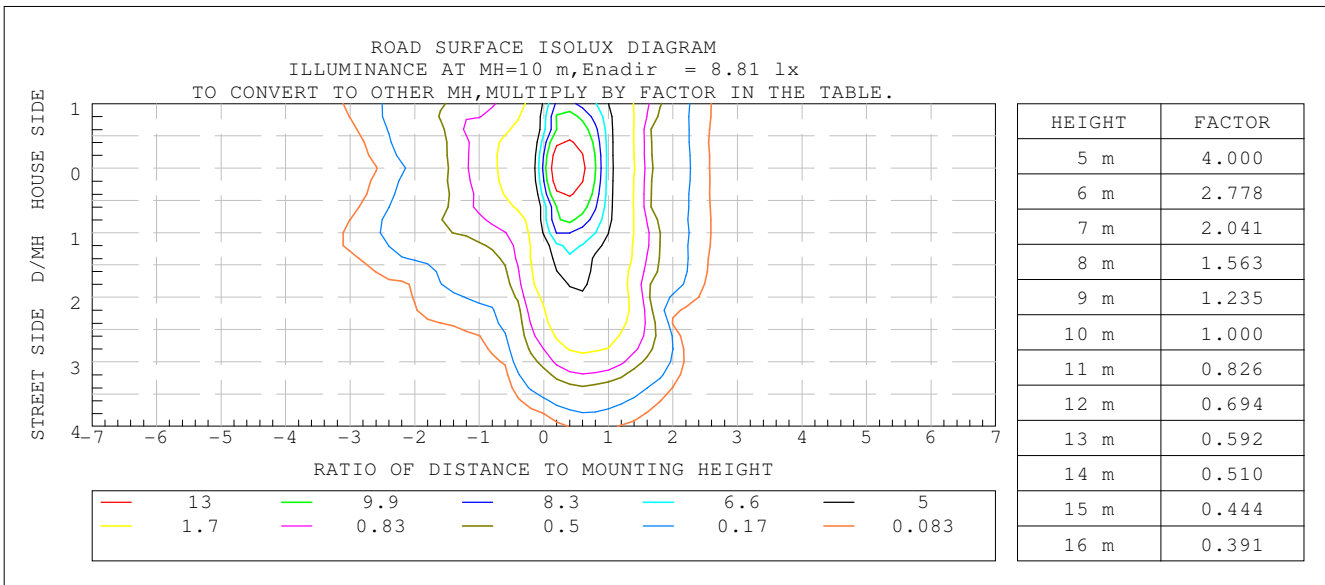
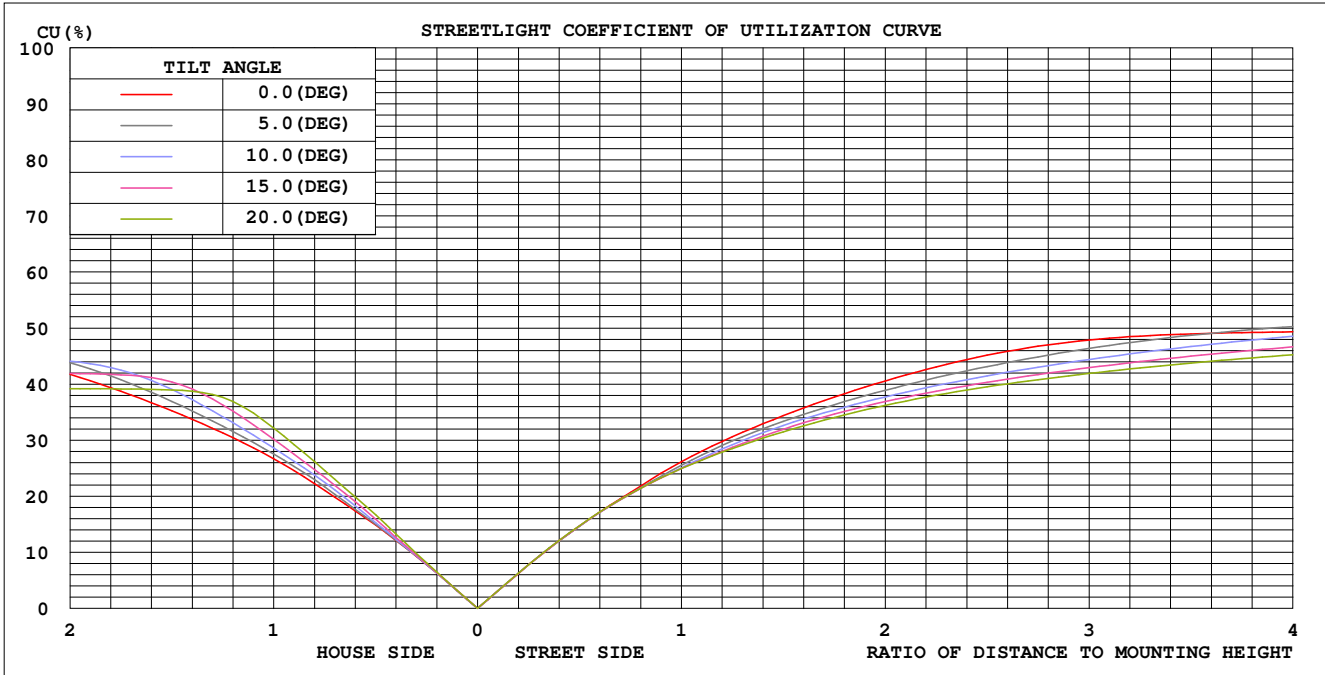
IES:Type III - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:25.38cd/klm
 Max.At90:0.8004cd/klm
 Max.80-90:25.38cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6942
90%	6248
80%	5553
70%	4859
60%	4165
50%	3471
40%	2777
30%	2083
20%	1388
10%	694
5%	347

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:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

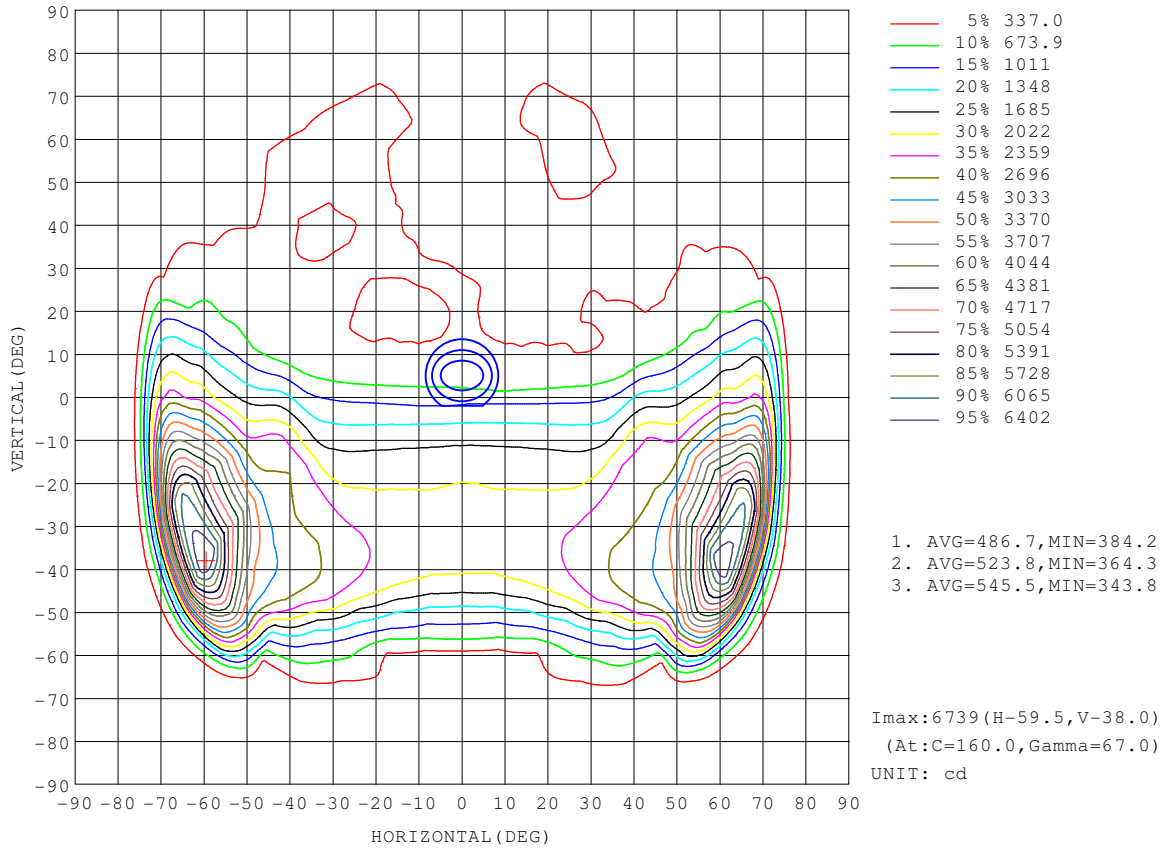
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
10	857.6	1402	1620	1434	863.5	384.1	381.9	392.9	0- 10	83.79	83.79	1.47,1.47
20	875.4	1780	2037	1835	894.8	326.9	343.5	336.2	10- 20	280.0	363.7	6.39,6.39
30	907.7	2001	2187	2083	945.7	320.3	336.3	327.1	20- 30	503.3	867.0	15.2,15.2
40	1315	2352	2071	2473	1330	345.2	303.5	339.0	30- 40	758.9	1626	28.6,28.6
50	1509	2601	1225	2753	1537	322.9	303.9	317.8	40- 50	1037	2663	46.8,46.8
60	2084	2082	301.9	2097	2145	358.6	261.6	322.5	50- 60	1196	3858	67.8,67.8
70	2210	476.5	146.6	430.6	2204	301.1	164.0	243.0	60- 70	1341	5199	91.3,91.3
80	48.61	37.37	40.30	36.94	47.16	78.82	24.86	78.62	70- 80	474.8	5674	99.6,99.6
90	1.478	0.5127	1.333	1.771	1.672	0.9632	0.4005	2.287	80- 90	20.67	5695	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

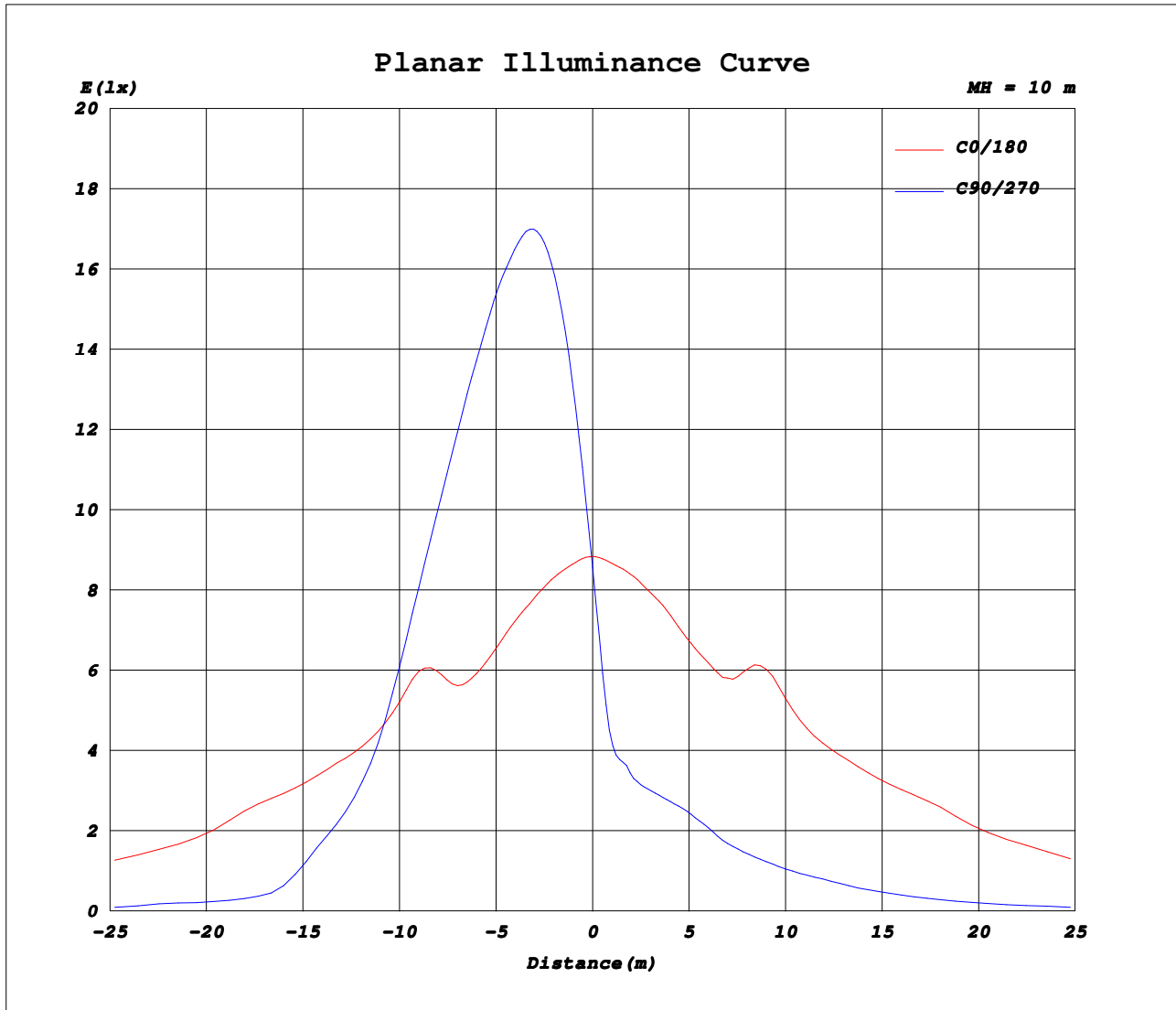
Test:U:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 lm		
NAME: LYS20	TYPE:OUTDOOR	WEIGHT:5kg
SPEC.:45 WATT	DIM.: 400X240X50	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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



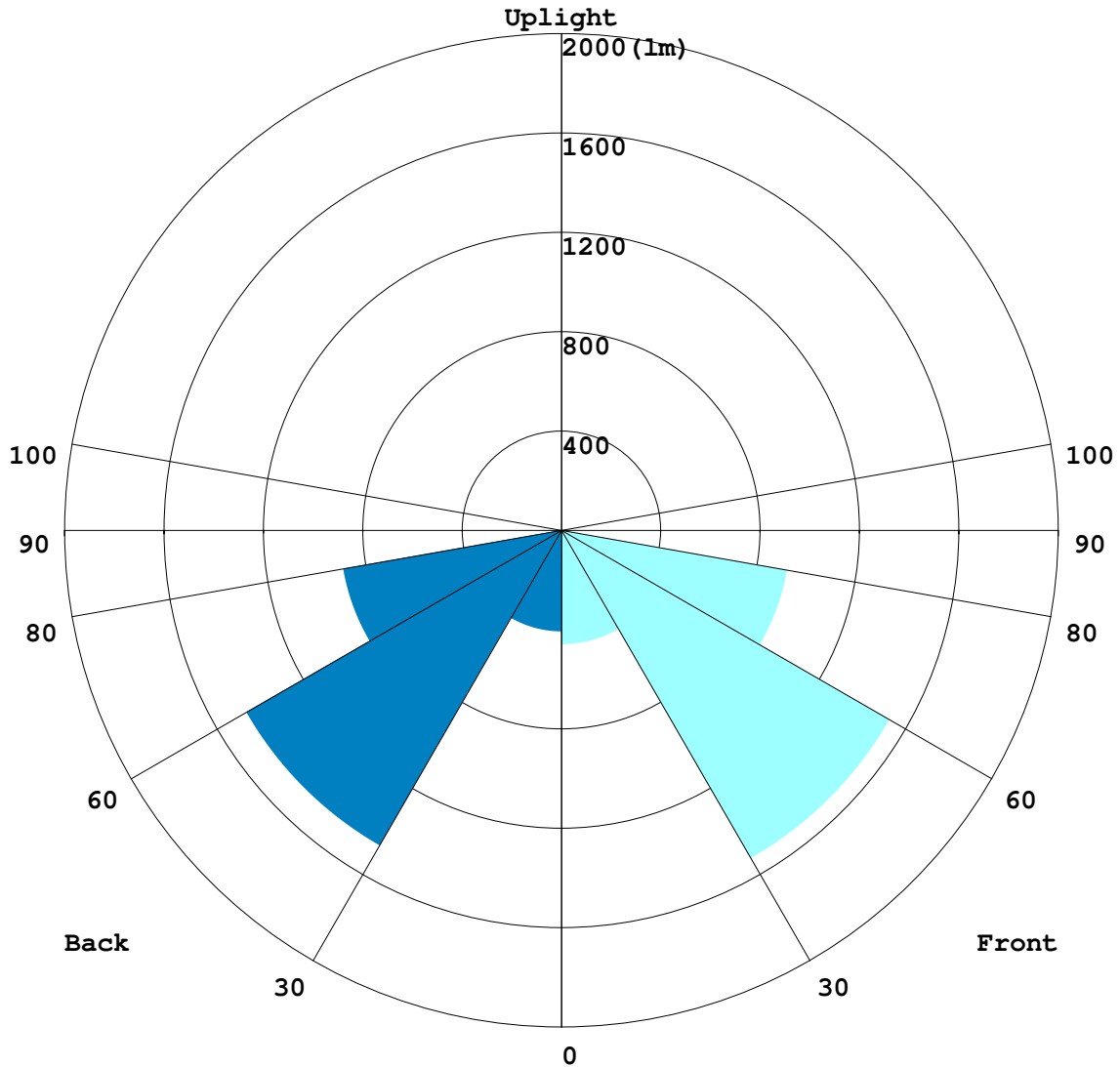
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 16.07.2020

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:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 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:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 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)	459.3	8.1
FM - Front-Medium(30-60)	1526.1	26.8
FH - Front-High(60-80)	923.2	16.2
FVH - Front-Very High(80-90)	10.86	0.2
Total Forward Light	2919.5	51.3

BL - Back-Low(0-30)	407.72	7.2
BM - Back-Medium(30-60)	1465.3	25.7
BH - Back-High(60-80)	892.24	15.7
BVH - Back-Very High(80-90)	9.8132	0.2
Total Back Light	2775.1	48.7

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	2775.1	0	2775.1
Street Side	2919.5	0	2919.5

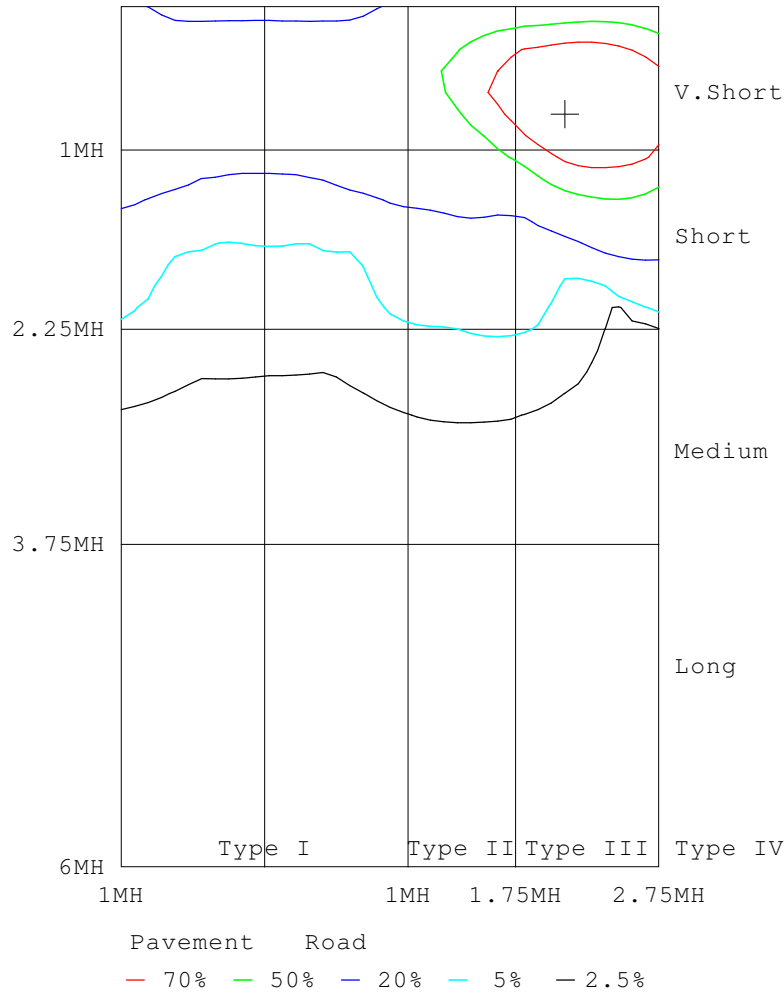
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 16.07.2020

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:230.52V I:0.2008A P:44.739W PF:0.9665 Freq:50.01Hz Lamp Flux:5694.56x1 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

