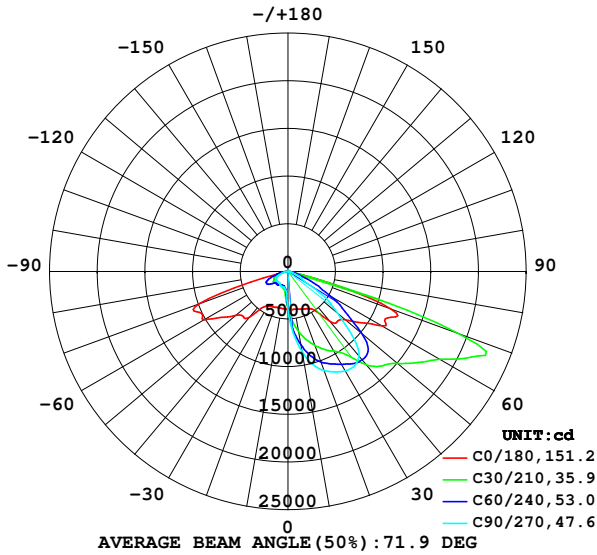
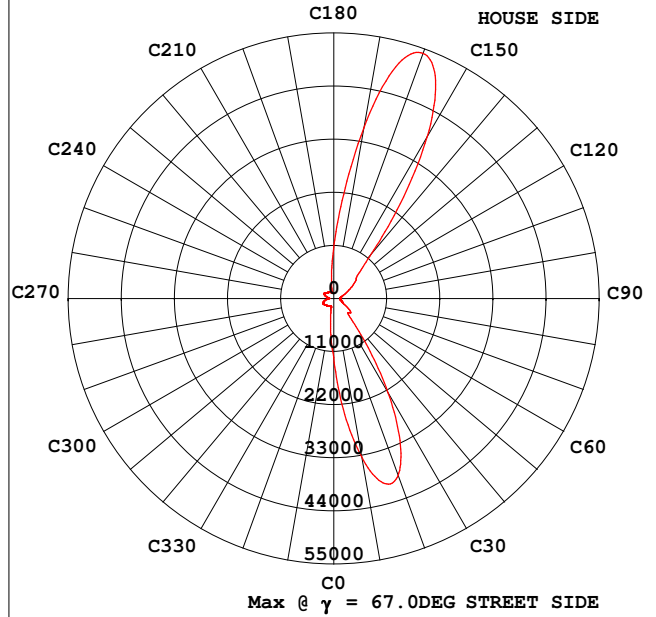


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.32 lm/W			
MODEL	LYS100	I _{max} (cd)	54036	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	51.9
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	33162	η house_up (%)	0.0
NOMINAL FLUX (lm)	33161.8	MAXIMUM @ (C, γ)	160, 67.0	η house_down (%)	48.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	19.880

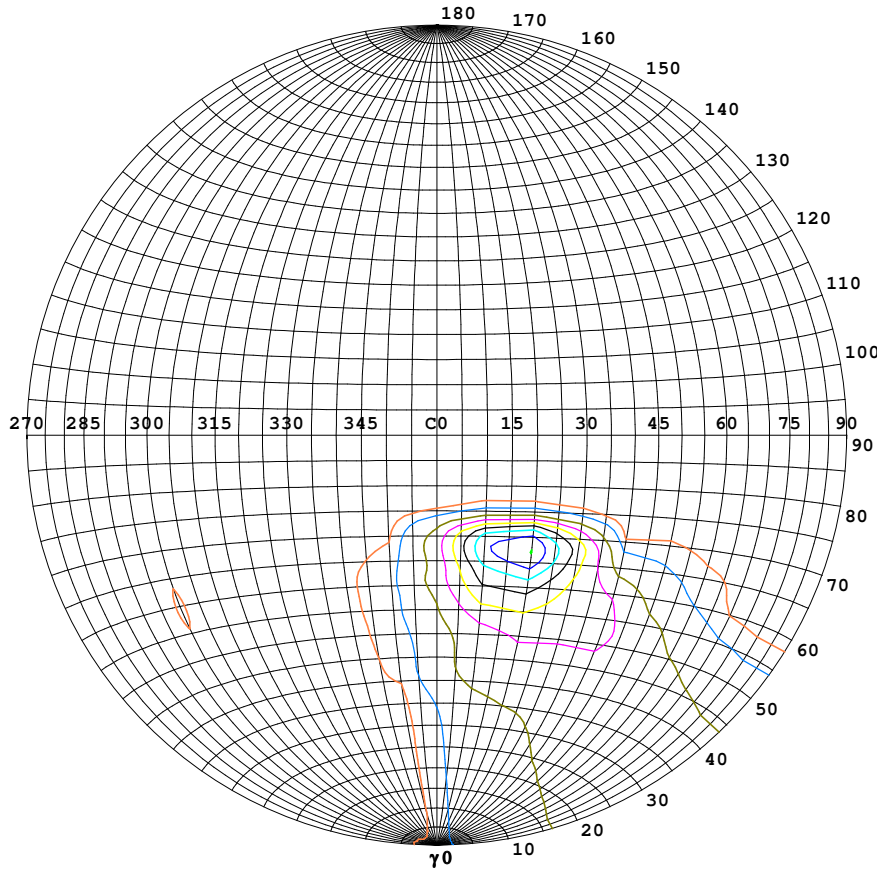
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

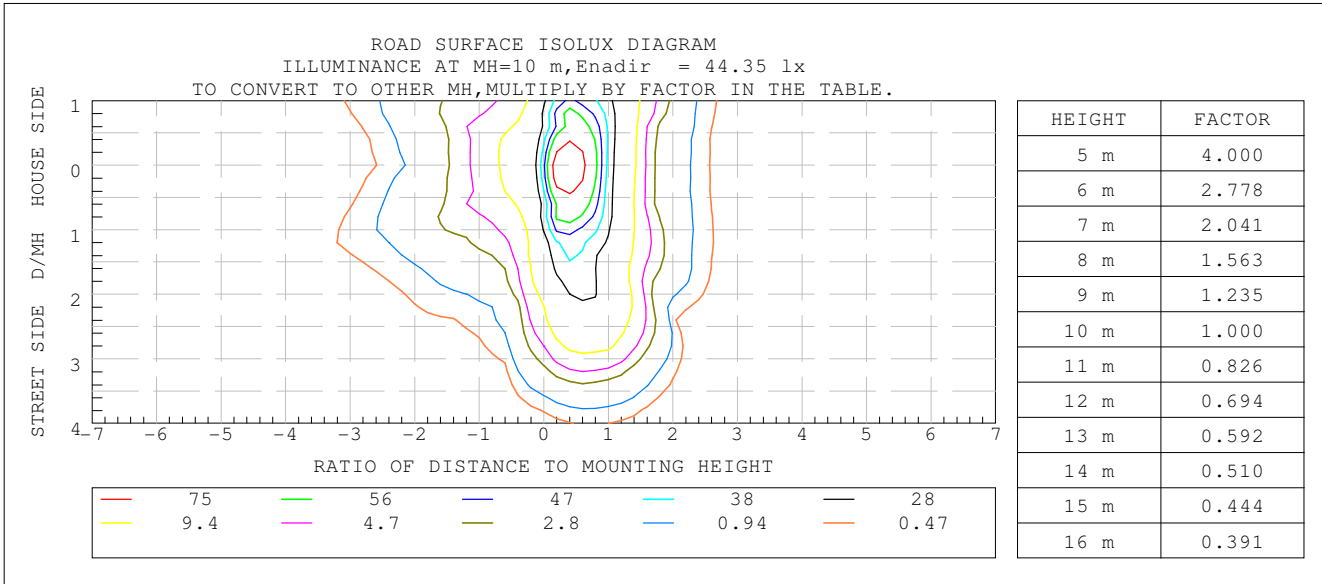
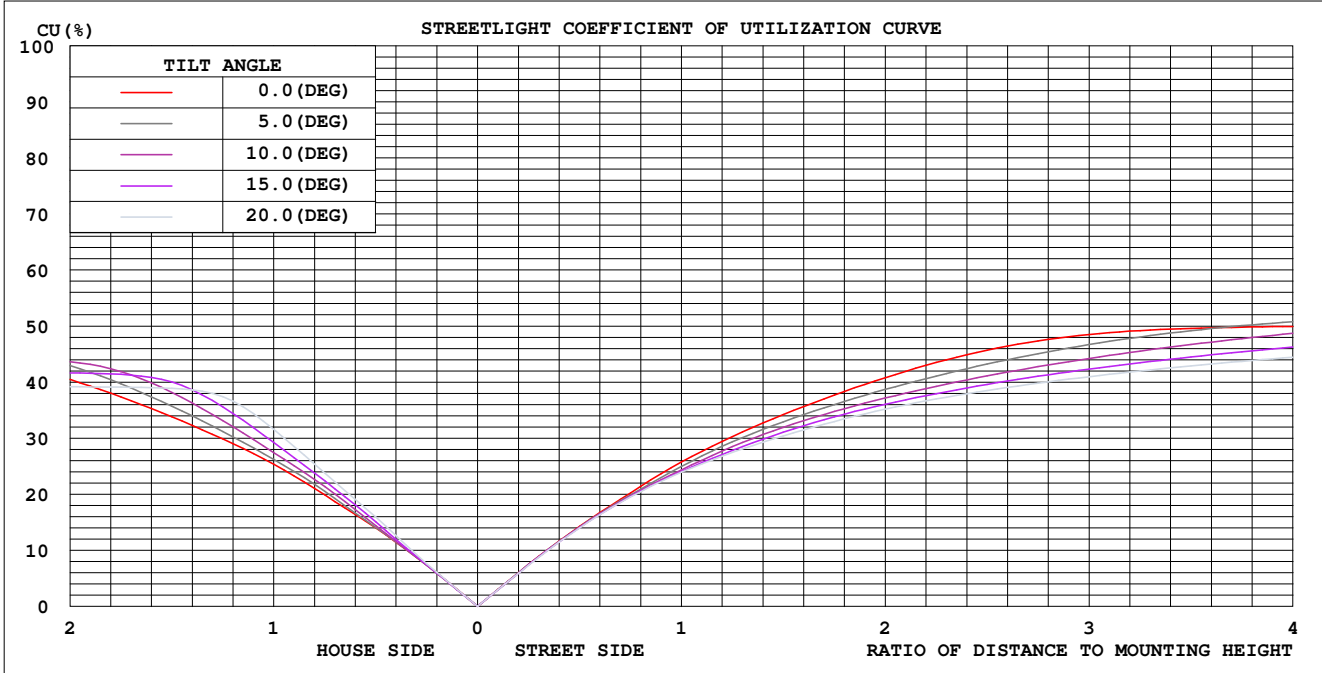
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:33.11cd/klm
 Max.At90:0.6513cd/klm
 Max.80-90:33.11cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	54036
90%	48633
80%	43229
70%	37825
60%	32422
50%	27018
40%	21615
30%	16211
20%	10807
10%	5404
5%	2702

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:12.07.2020

gamma Range: 0 - 90DEG
 gamma Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks: LYS100-300W-T2-M

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M

ZONAL FLUX DIAGRAM

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

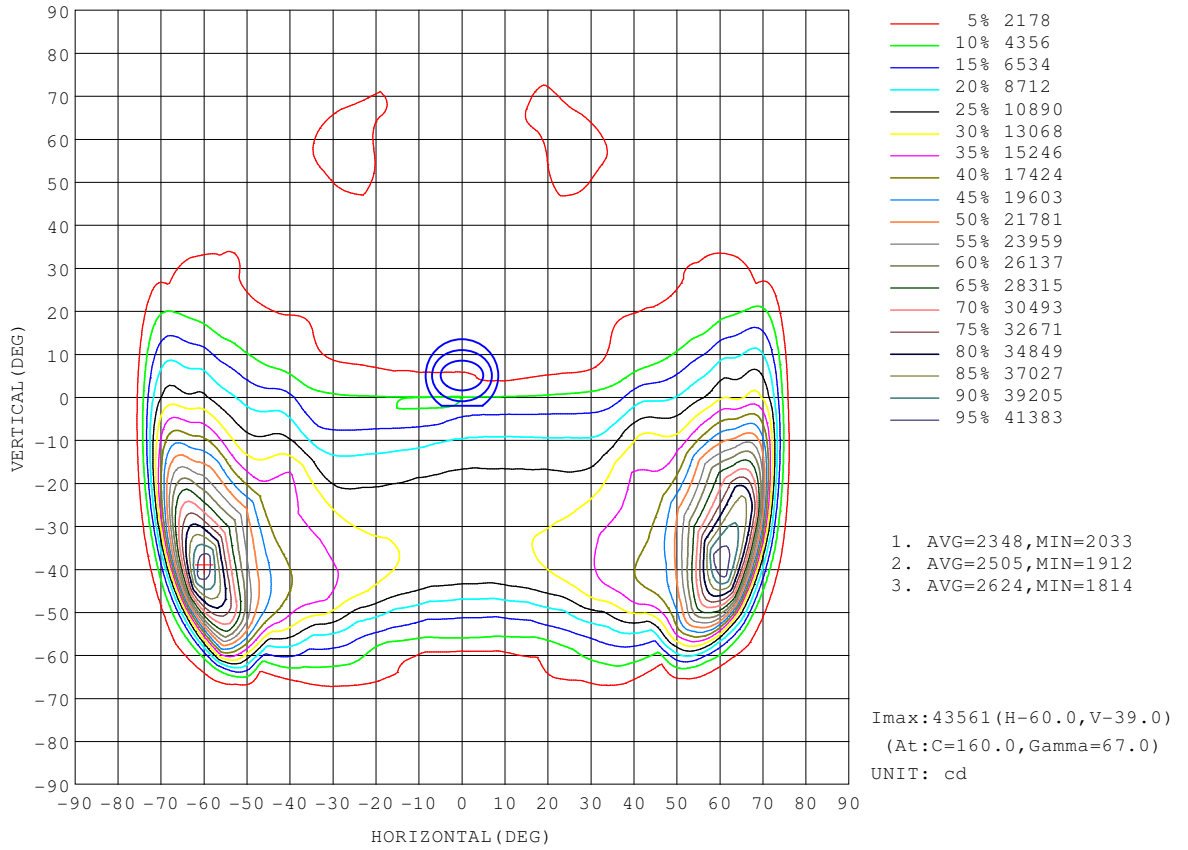
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	405.1	717.5	850.6	800.8	394.3	187.6	188.3	233.7	0- 10	414.9	414.9	1.25,1.25
20	422.0	944.0	1105	1109	401.1	160.8	171.5	204.4	10- 20	1479	1894	5.71,5.71
30	450.9	1076	1205	1313	421.6	158.2	166.8	201.2	20- 30	2747	4641	14,14
40	680.5	1280	1161	1601	622.3	172.7	154.9	209.8	30- 40	4238	8879	26.8,26.8
50	791.0	1425	679.7	1861	718.3	165.2	157.2	209.9	40- 50	5905	14783	44.6,44.6
60	1144	1106	185.0	1651	1015	190.4	138.5	237.0	50- 60	6994	21777	65.7,65.7
70	1149	293.5	76.42	505.5	978.6	163.7	89.95	182.7	60- 70	8238	30015	90.5,90.5
80	34.71	38.59	11.05	48.50	28.14	44.33	28.21	49.52	70- 80	2991	33006	99.5,99.5
90	0.7754	0.3007	0.6724	0.6178	0.8877	0.7408	0.3611	1.793	80- 90	155.6	33162	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: μ Á10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:LITPA
 Test Date:12.07.2020

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: LYS100-300W-T2-M

ISOCANDELA DIAGRAM

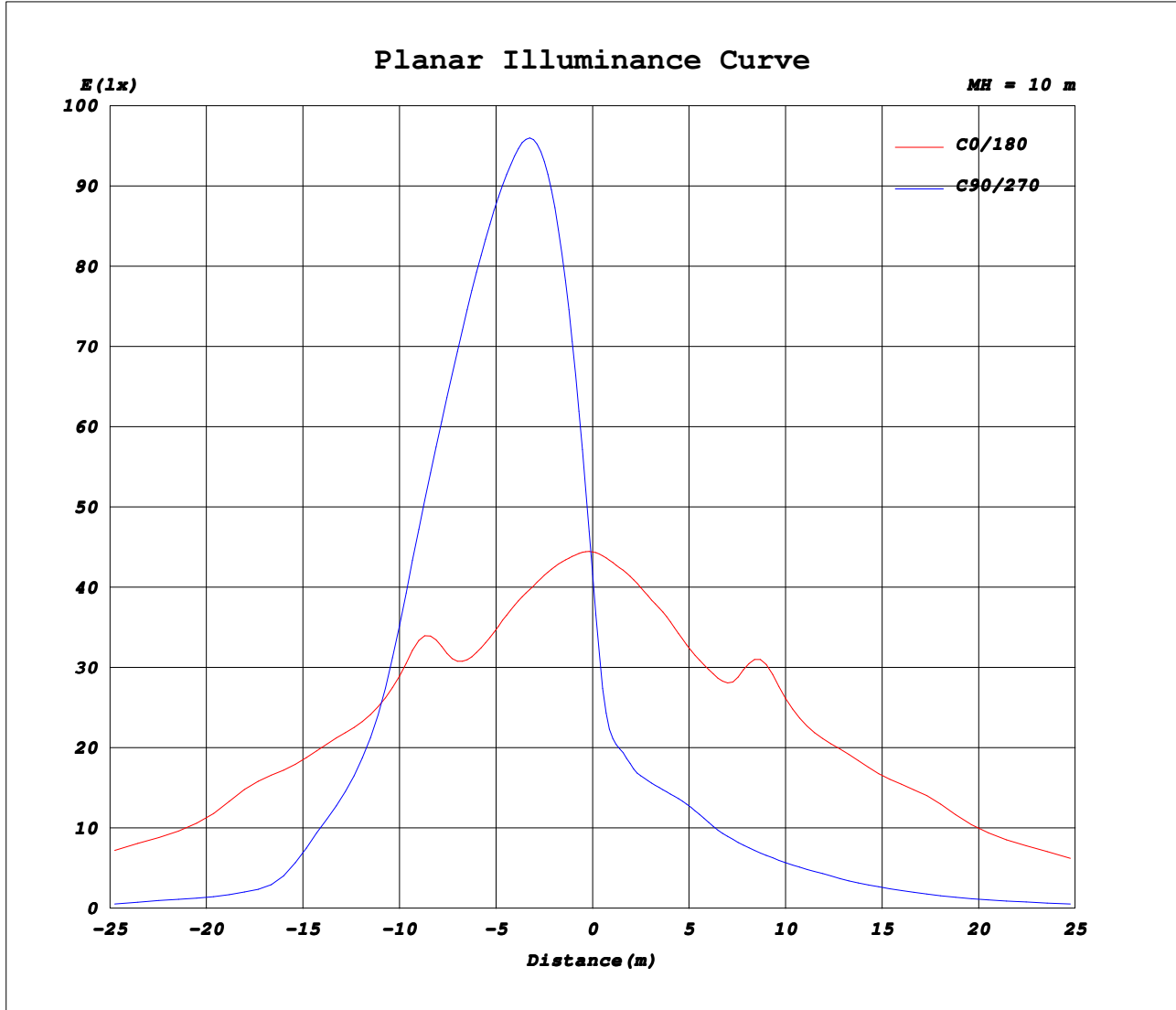
Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:12.07.2020

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: LYS100-300W-T2-M

Planar Illuminance Curve



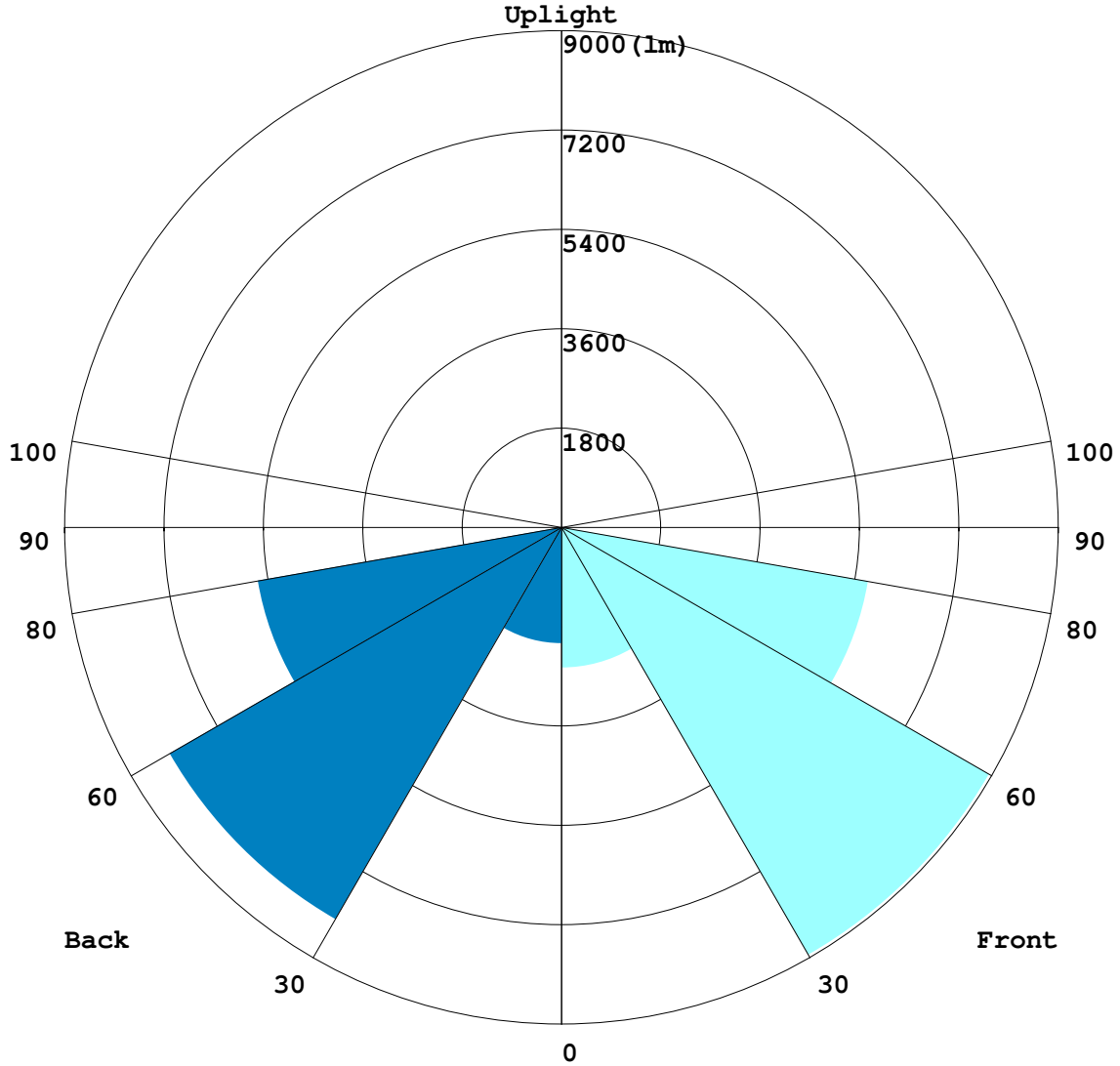
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M

LCS REPORT

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	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: 12.07.2020

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: LYS100-300W-T2-M

BUG REPORT

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2542.3	7.7
FM - Front-Medium(30-60)	8941.2	27.0
FH - Front-High(60-80)	5641.9	17.0
FVH - Front-Very High(80-90)	80.96	0.2
Total Forward Light	17206	51.9

BL - Back-Low(0-30)	2098.6	6.3
BM - Back-Medium(30-60)	8195.1	24.7
BH - Back-High(60-80)	5587.1	16.8
BVH - Back-Very High(80-90)	74.674	0.2
Total Back Light	15956	48.1

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	B5-U0-G5
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15956	0	15956
Street Side	17206	0	17206

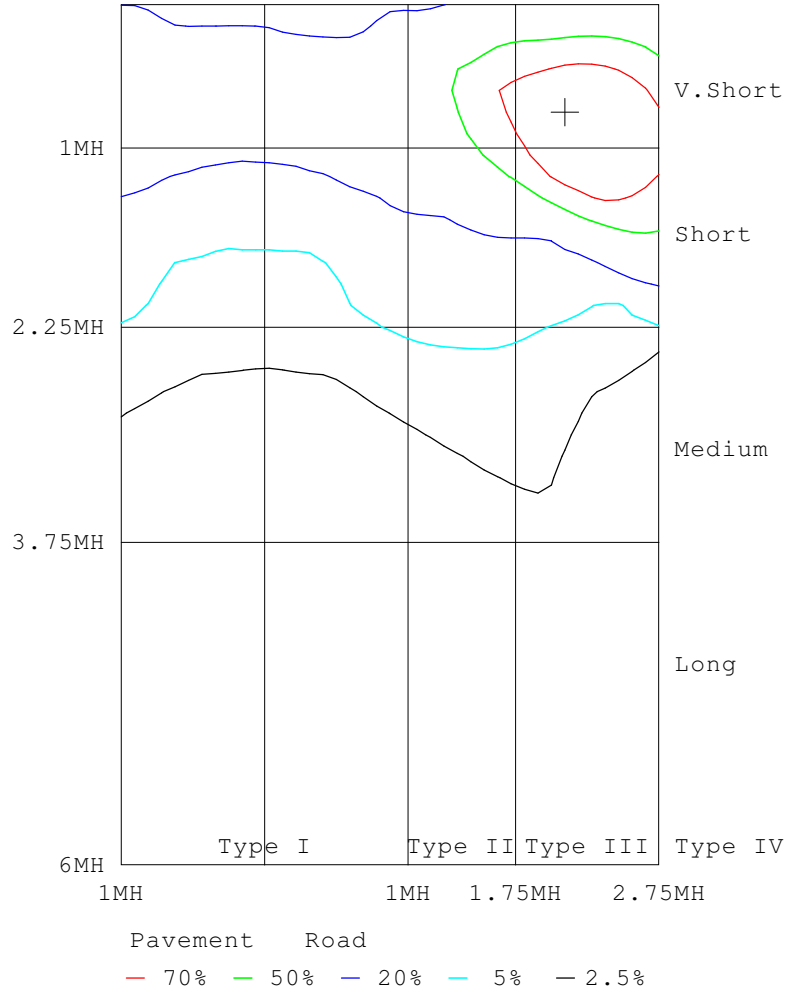
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M

ROAD ISOCANDELA REPORT

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	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: 12.07.2020

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: LYS100-300W-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: ;Á10cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.33V I:1.2975A P:295.23W PF:0.9879 Freq:50.01Hz Lamp Flux:33161.8x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:300W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: ;Á10cd

[illegible]

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-300W-T2-M