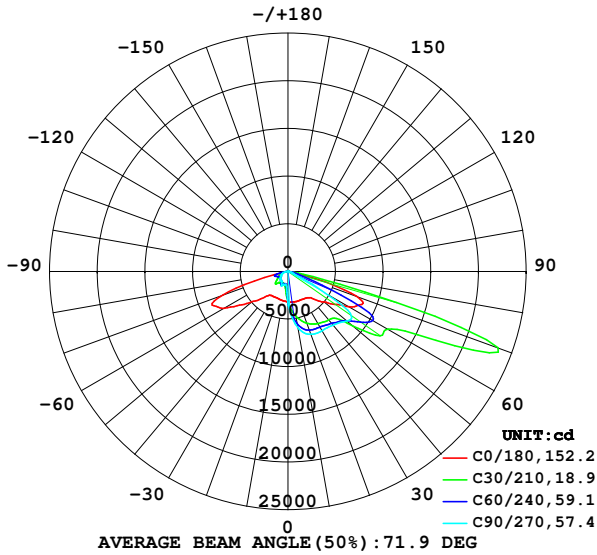
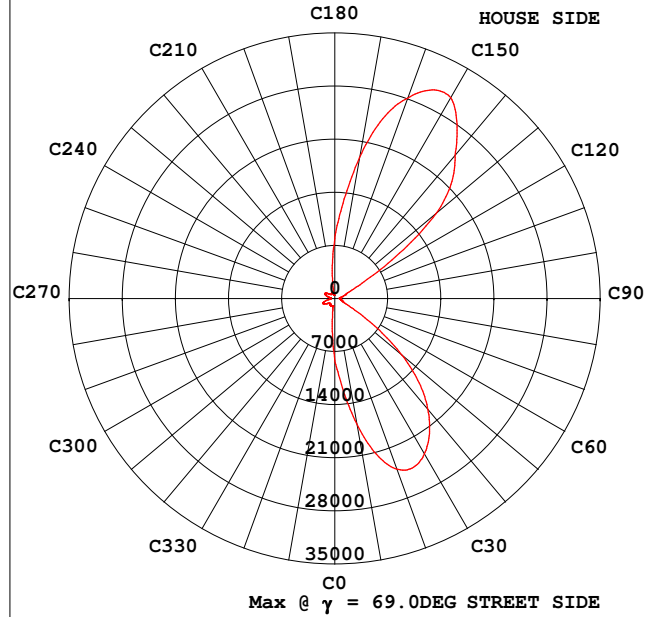


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.67 lm/W			
MODEL	LYS100	I _{max} (cd)	30581	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	52.6
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	24661	η house_up (%)	0.0
NOMINAL FLUX (lm)	24661.3	MAXIMUM @ (C, γ)	150,69.0	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	19.887

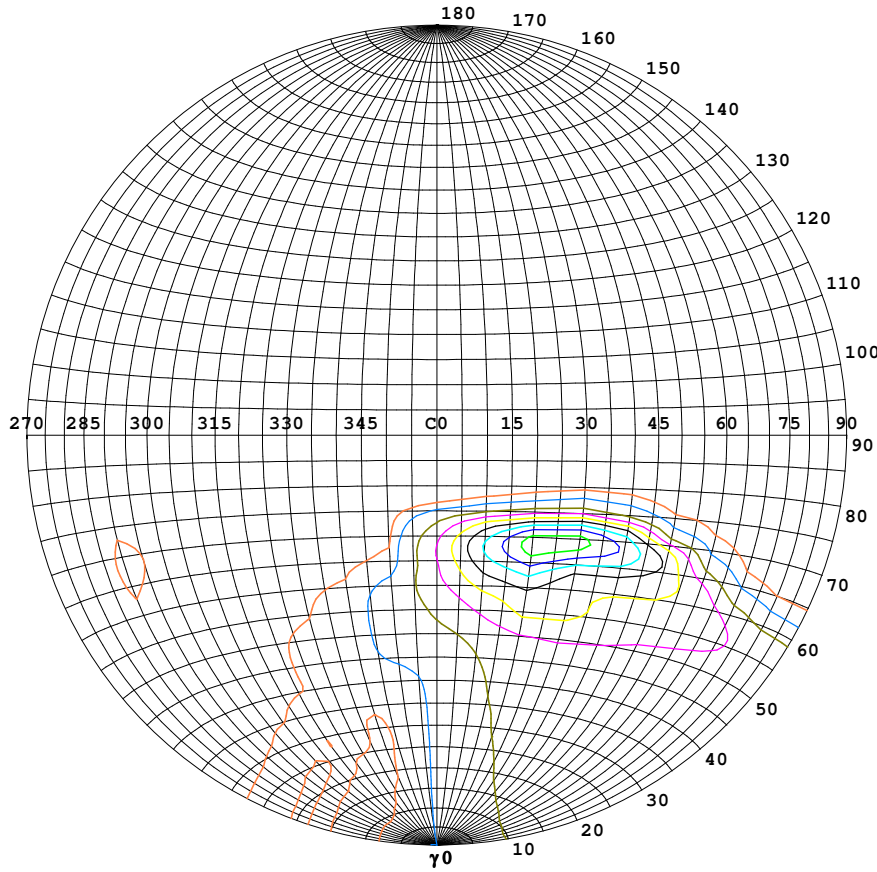
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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: LYS100-200W-T3

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



Classification:

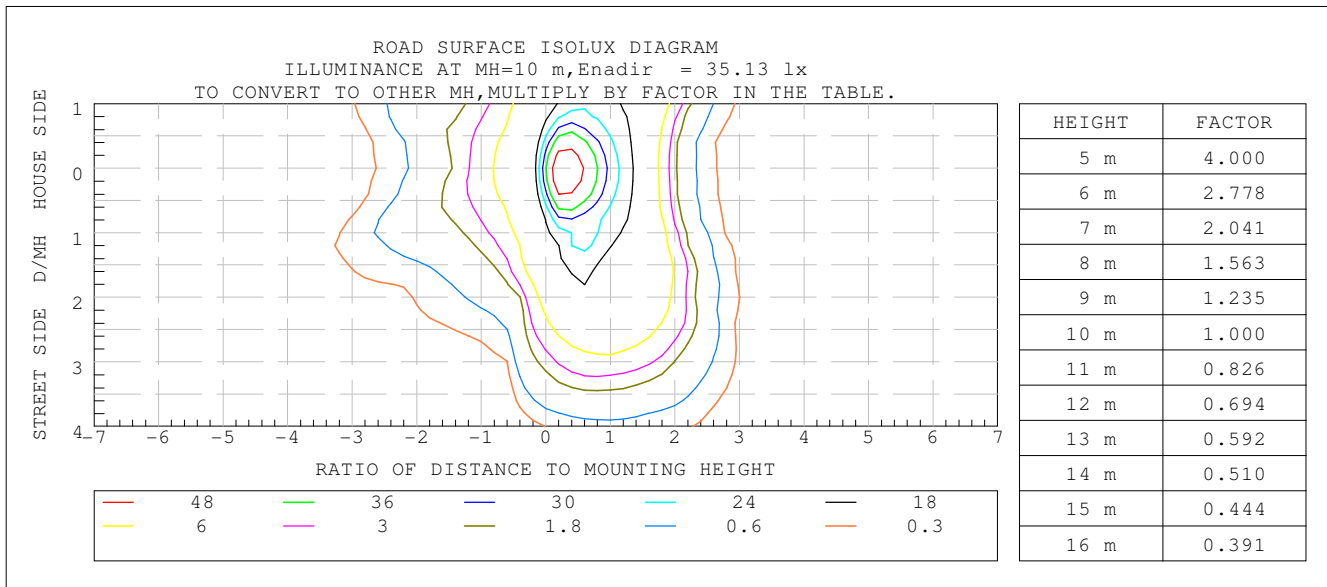
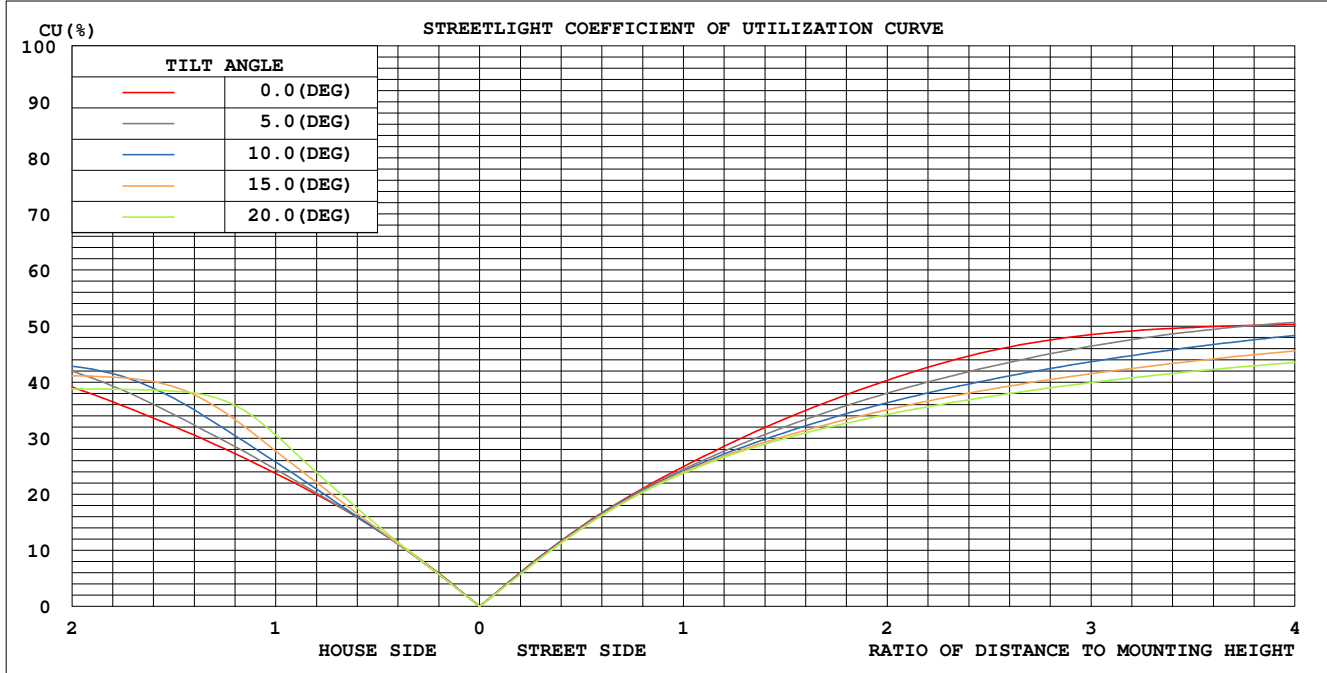
IES:Type III - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:56.61cd/klm
 Max.At90:0.8768cd/klm
 Max.80-90:56.61cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	30581
90%	27523
80%	24465
70%	21407
60%	18349
50%	15291
40%	12233
30%	9174
20%	6116
10%	3058
5%	1529

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: LYS100-200W-T3

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: LYS100-200W-T3

ZONAL FLUX DIAGRAM

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

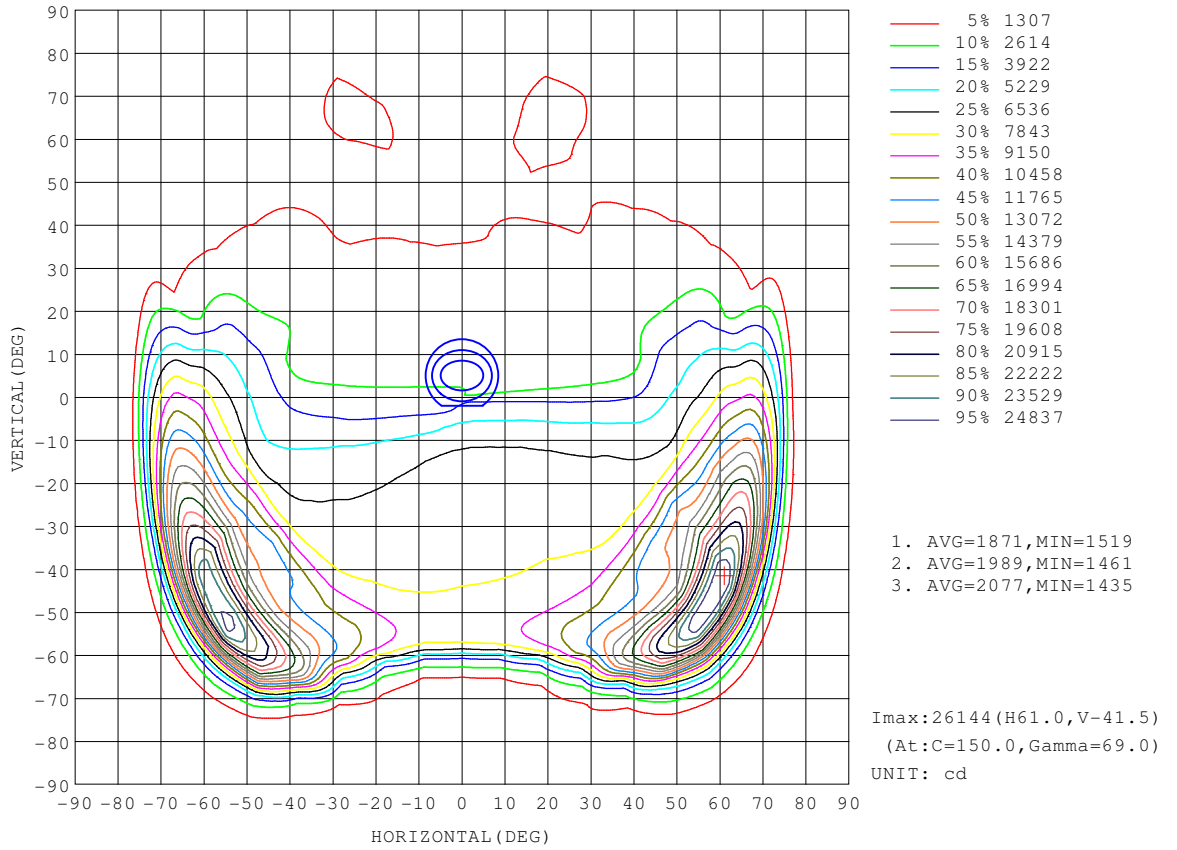
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	326.7	520.3	593.8	565.5	313.1	147.1	143.0	173.5	0- 10	316.0	316.0	1.28,1.28
20	328.8	632.4	702.9	704.2	304.0	139.0	145.2	176.4	10- 20	1052	1368	5.55,5.55
30	334.7	662.2	719.5	751.9	306.1	149.3	135.3	189.7	20- 30	1845	3214	13,13
40	359.7	687.8	737.6	786.7	333.4	134.1	123.5	164.7	30- 40	2588	5802	23.5,23.5
50	500.9	834.4	810.4	1003	494.0	121.9	106.3	155.6	40- 50	3553	9354	37.9,37.9
60	742.5	1144	443.0	1398	774.8	110.0	84.50	136.7	50- 60	5344	14699	59.6,59.6
70	764.7	1374	60.74	2062	731.9	80.42	61.85	100.7	60- 70	6771	21470	87.1,87.1
80	33.97	65.85	8.723	101.8	29.84	30.84	18.27	47.60	70- 80	3042	24512	99.4,99.4
90	0.5538	0.3026	0.4470	0.7027	0.5844	0.9484	0.2923	1.894	80- 90	149.8	24661	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: LYS100-200W-T3

ISOCANDELA DIAGRAM

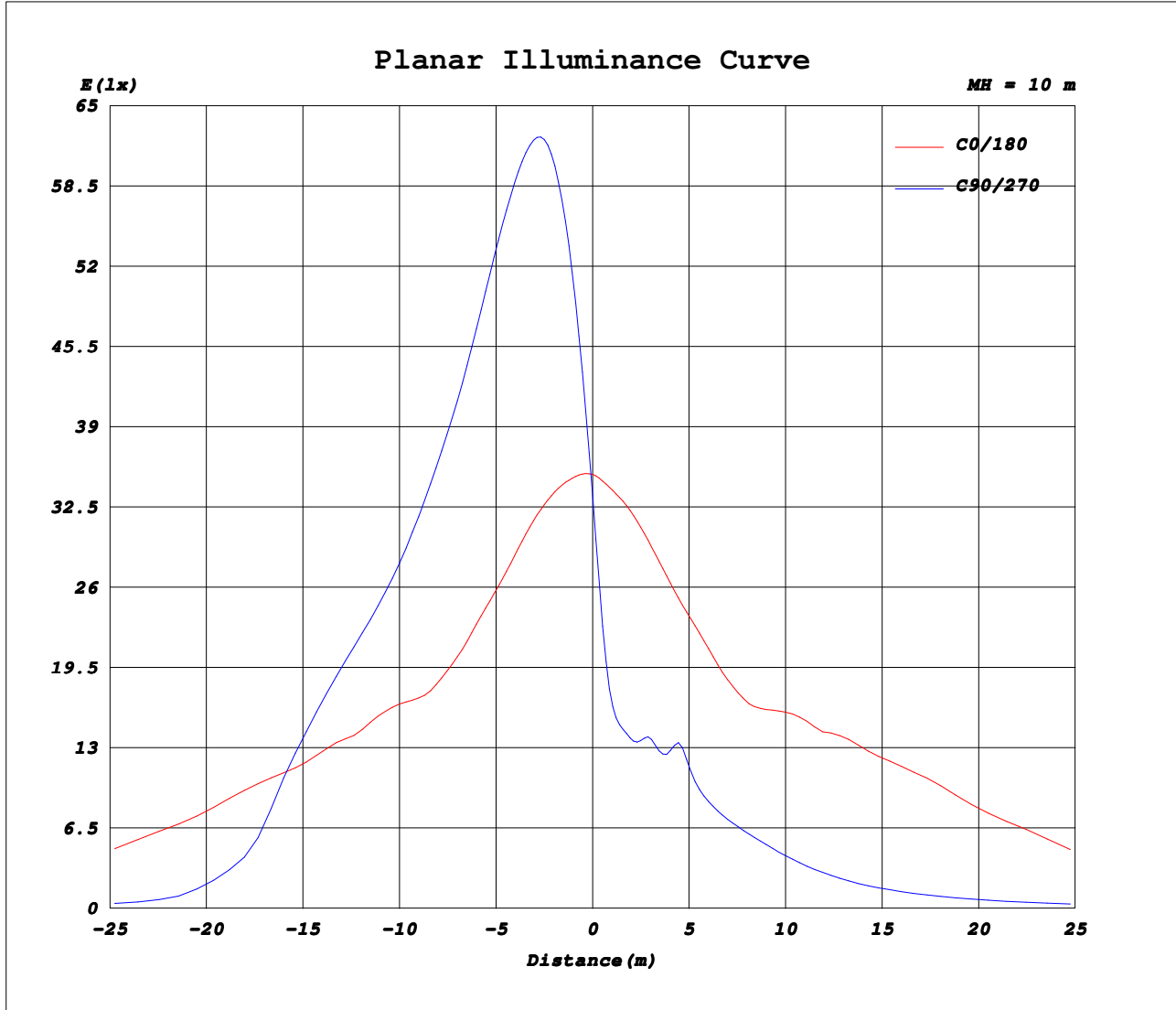
Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



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: LYS100-200W-T3

Planar Illuminance Curve



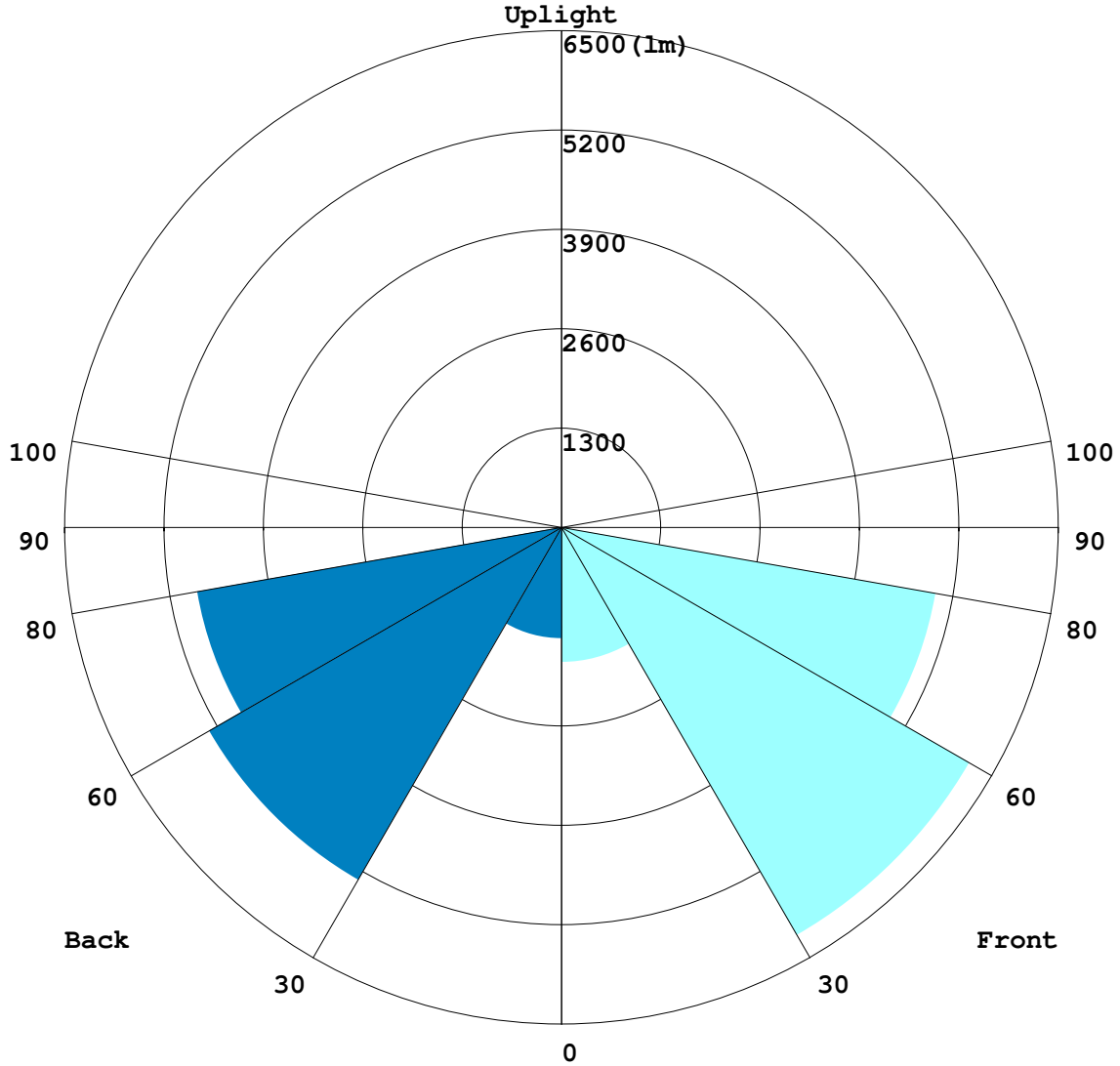
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-200W-T3

LCS REPORT

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T3

BUG REPORT

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	DIM.: 850X385X90	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1763.3	7.2
FM - Front-Medium(30-60)	6160.5	25.0
FH - Front-High(60-80)	4971.2	20.2
FVH - Front-Very High(80-90)	81.186	0.3
Total Forward Light	12976	52.6

BL - Back-Low(0-30)	1450.6	5.9
BM - Back-Medium(30-60)	5324.4	21.6
BH - Back-High(60-80)	4841.5	19.6
BVH - Back-Very High(80-90)	68.647	0.3
Total Back Light	11685	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	B4-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11685	0	11685
Street Side	12976	0	12976

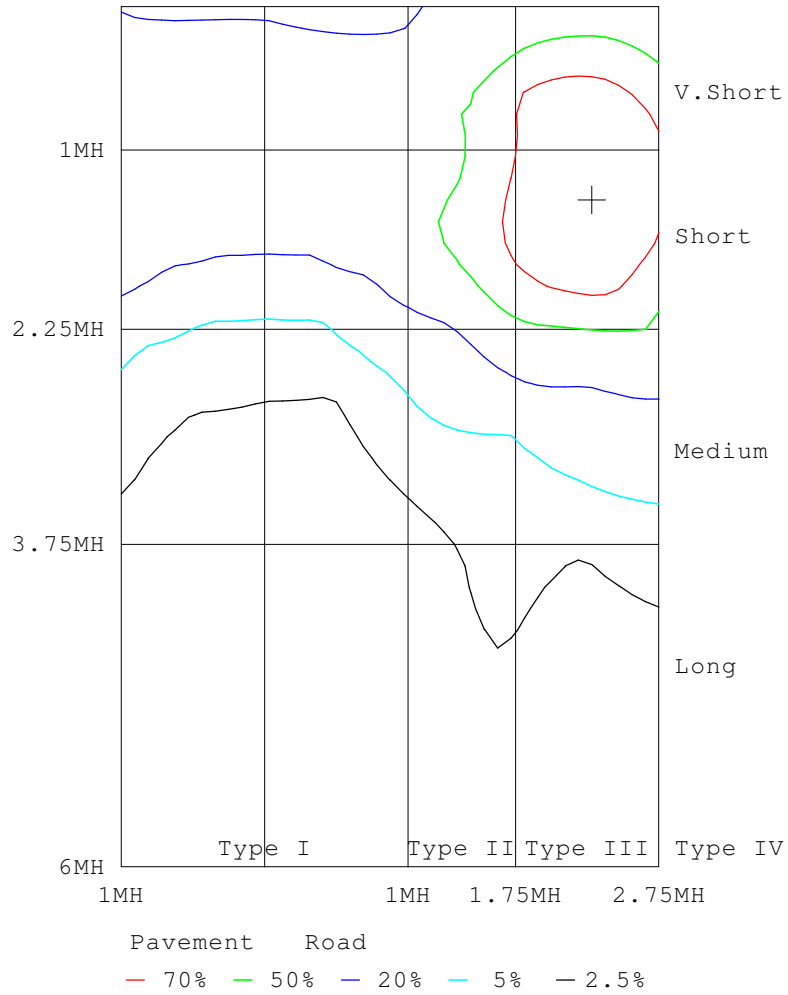
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 12.07.2020

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: LYS100-200W-T3

ROAD ISOCANDELA REPORT

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T3

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T3

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.44V I:0.8844A P:199.42W PF:0.9785 Freq:50.01Hz Lamp Flux:24661.3x1 lm		
NAME: LYS100	TYPE:LED	WEIGHT:15.2kg
SPEC.:200W	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: LYS100-200W-T3