

STREET LIGHT LEAF

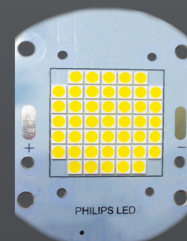
LED LEAF RANGE

FABRICAT IN MOLDOVA

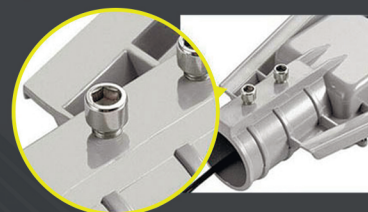
1COB

2COB

3COB



SMD
PHILIPS



Lampile noastre stradale cu **LED** sunt menite sa inlocuiasca lampile clasice cu halogen, cu mercur, cu ioduri metalice, economice, etc. Lampa stradala cu leduri nu emite niciun fel de lumina orbitoare. Acest lucru face mult mai sigur condusul pentru soferi pe autostrazi si in zone pustii, in special in conditii meteorologice nefavorabile. Efectul de orbire cauzat de iluminatul stradal clasic provoaca o mare oboseala vizuala. Acest efect secundar este evident redus, la fel ca si accidentele rutiere, care sunt de asemenea reduse.



FABRICAT IN MOLDOVA

1 COB

W	30	40	50
Lm	4200	5600	7000

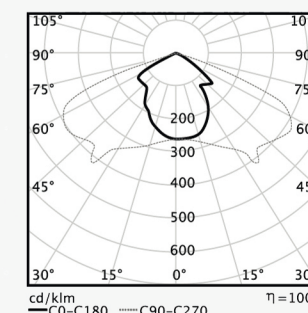
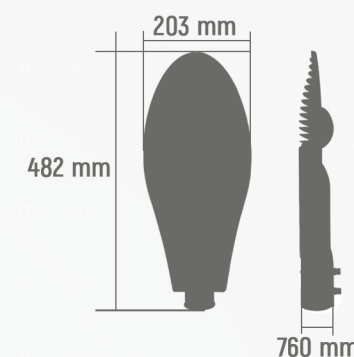
3 YEARS WARRANTY

50 000 H

IP 67

K

120°



2 COB

W	60	80	100
Lm	8400	11200	14000

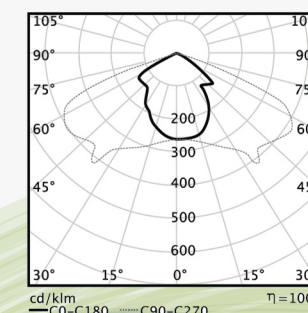
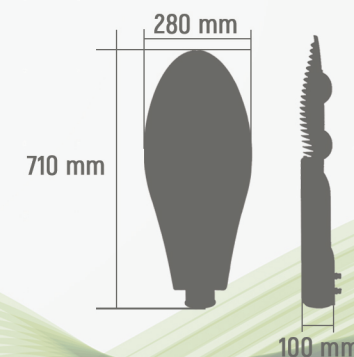
3 YEARS WARRANTY

50 000 H

IP 67

K

120°



3 COB

W	100	150
Lm	14000	21000

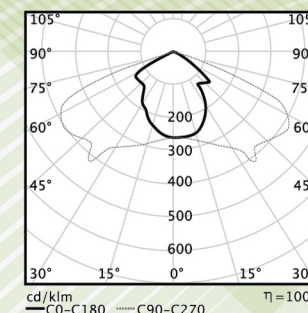
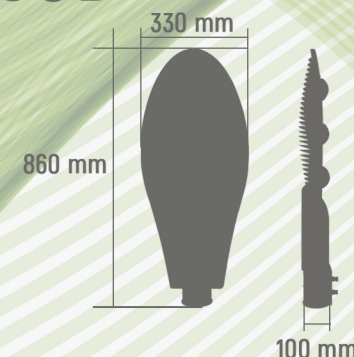
3 YEARS WARRANTY

50 000 H

IP 67

K

120°



Caracteristici fototehnice ale corpului de iluminat

Producator S.C."LED MARKET"SRL

R. Moldova, or.Chisinau, B-ul Moscova 21

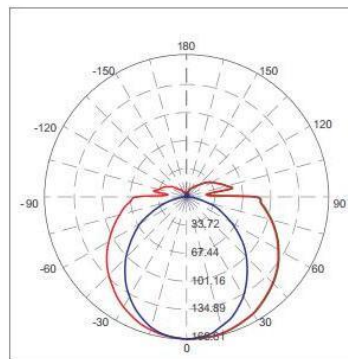
LED market

FABRICAT IN MOLDOVA

Datele fotometrice

Denumirea –

STREET LIGHT 50W 1COB 5700K (LEAF)



Illuminanceata Distance		Beam Width	
Center Beam LUX		V	H
2m	42.07 LUX	24.3m	5.0m
4m	10.52 LUX	48.7m	10.1m
6m	4.67 LUX	73.0m	15.1m
8m	2.63 LUX	97.4m	20.2m
10m	1.68 LUX	121.7m	25.2m
12m	1.17 LUX	146.1m	30.3m
Vert.Spread: 161.4		Horiz.Spread : 103.3	

LED
market
FABRICAT IN MOLDOVA

SC"LEDMARKET"SRL
Date tehnice



Puterea nominala (W)	50
Flux luminos(Lm)	7000lm
Protectie (IP)	IP65
Temperatura de culoare (K)	3000-6000K
Durata de viata (ore)	50000 ore
Voltaj conexiune	85-265V
Grad de difuzie	150,lentila din sticla borosilicata
CRI	80-90
Garantie	36 luni
Producator	LedMarket

Caracteristici fototehnice ale corpului de iluminat

Producator S.C."LED MARKET"SRL

R. Moldova, or.Chisinau, B-ul Moscova 21

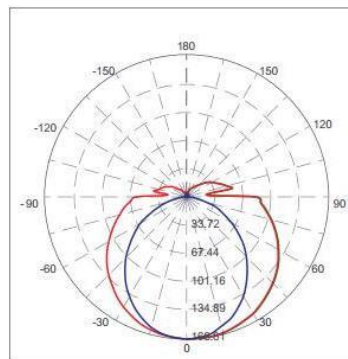
LED market

FABRICAT IN MOLDOVA

Datele fotometrice

Denumirea –STREET LIGHT 30W 1COB 6000K (LEAF)

Descriere - LED-uri de putere, tip cu eficiență energetică mare. Carcasă din aliaj pe bază de aluminiu turnat sub presiune, vopsită în camp electrostatic (culoare la cerere client), cu un design optimizat pentru a avea o mai bună disipare a căldurii. Sistem optic de înaltă eficiență cu o lentilă monobloc. Lentila monobloc și PCB-ul cu LED-uri sunt asamblate prin suruburi pentru a putea fi înlocuite în caz de defect. Montaj pe stâlp: braț fix sau ajustabil: $\pm 90^\circ$ din 3 în 3 grade (opțional)



Illuminance at Distance		Beam Width	
Center Beam LUX	Distance	V	H
42.07 LUX	2m	24.3m	5.0m
10.52 LUX	4m	48.7m	10.1m
4.67 LUX	6m	73.0m	15.1m
2.63 LUX	8m	97.4m	20.2m
1.68 LUX	10m	121.7m	25.2m
1.17 LUX	12m	146.1m	30.3m
Vert. Spread: 161.4		Horiz. Spread: 103.3	

STREET LIGHT 30W 1COB 6000K (LEAF)

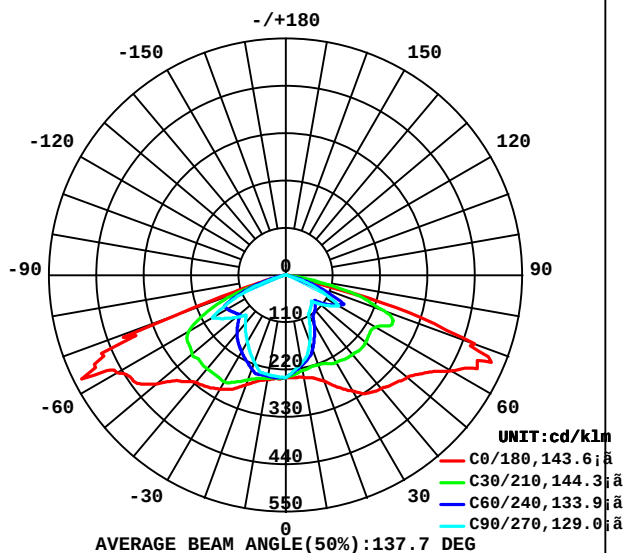
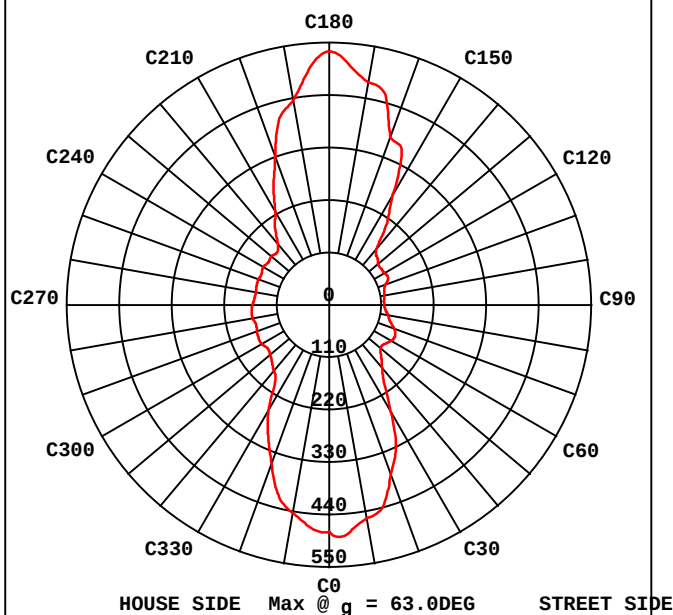


Puterea nominala (W)	30
Flux luminos(Lm)	3600lm
Protectie (IP)	IP65
Temperatura de culoare (K)	3000-6000K
Durata de viata (ore)	50000 ore
Voltaj conexiune	85-265V
Grad de difuzie	150
CRI	80-90
Garantie	36 luni
Prodicator	LedMarket

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.6V I:0.2440A P:52.10W PF:0.9620 Lamp Flux:5789.8x1 lm		
NAME: LEAF RANGE	TYPE:50W	WEIGHT:1.7
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.25 lm/W			
MODEL	RANGE 50W, 5700K	Imax(cd/klm)	532.4	h street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	98.3	h street_down(%)	46.6
RATED VOLTAGE(V)	222	TOTAL FLUX(lm/klm)	983.1	h house_up(%)	0.0
NOMINAL FLUX(lm)	5789.8	MAXIMUM @(C,g)	180,63.0	h house_down(%)	51.8
LAMPS INSIDE	1	h up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	221.6	h down(%)	98.3	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:22DEG
Test Date:2019-03-21

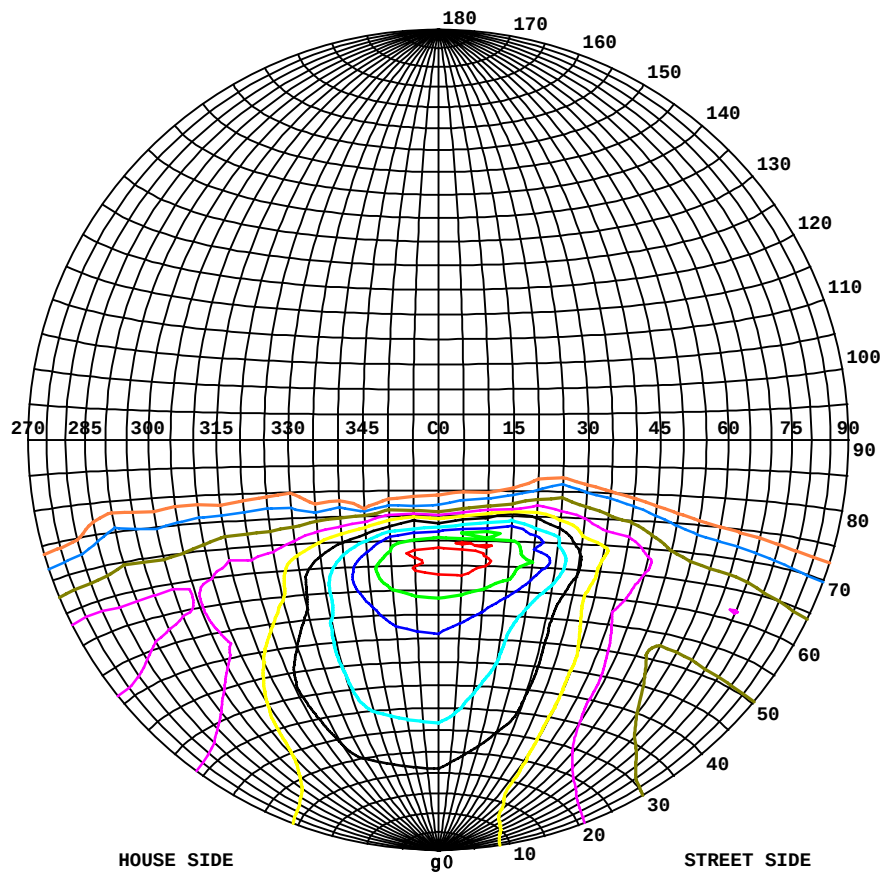
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

C:\Users\LAB\Desktop\LED\HIGH BAY\STREET\LEAF\STREET LEAF 50W 5700K.GOS

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:221.6V I:0.2440A P:52.10W PF:0.9620 Lamp Flux:5789.8x1 lm		
NAME: LEAF RANGE	TYPE:50W	WEIGHT:1.7
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:



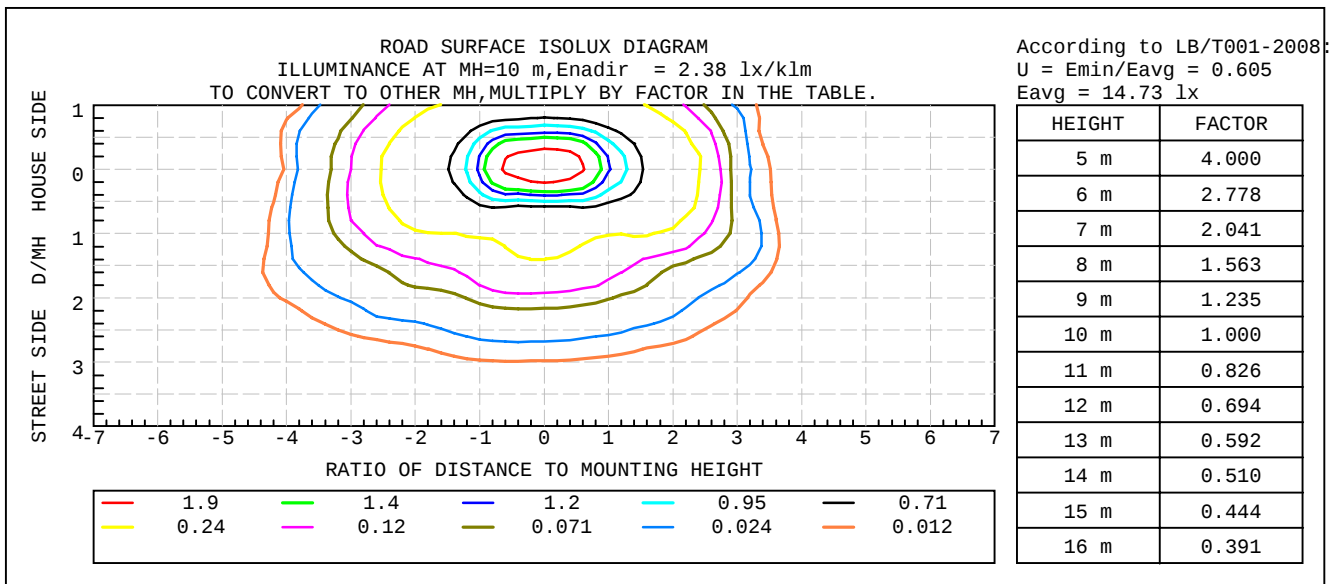
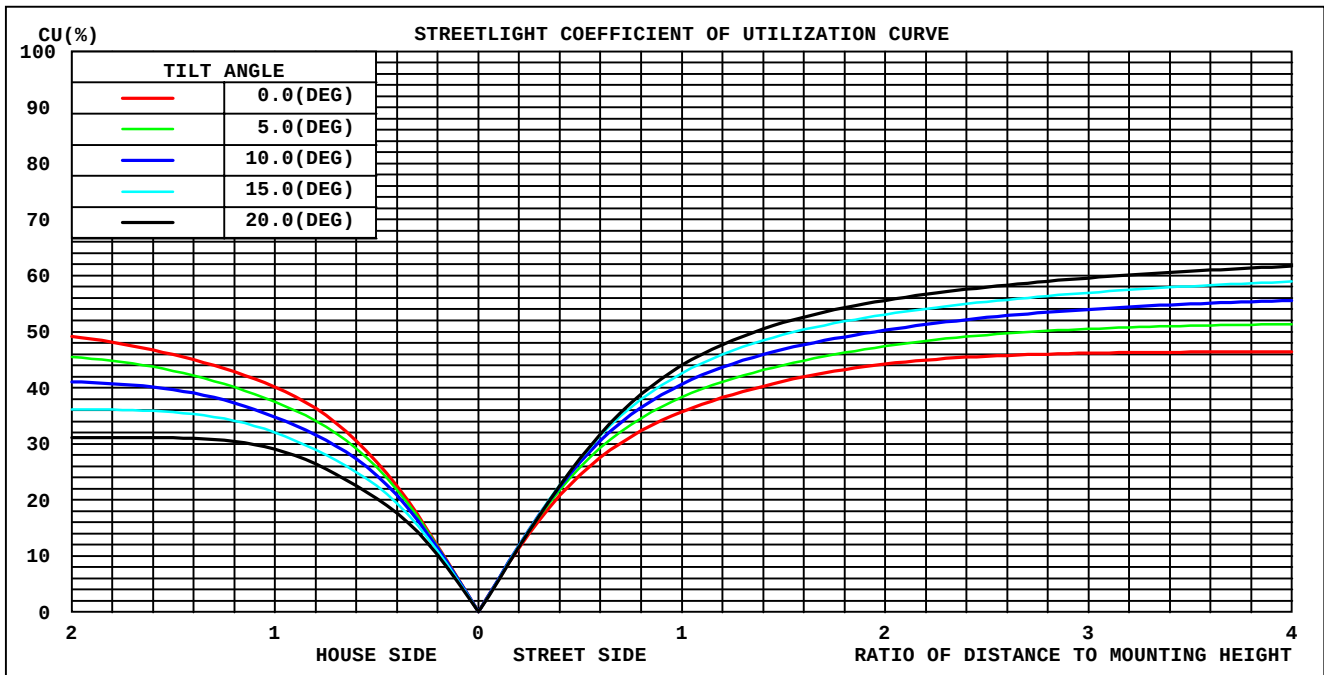
Classification:

IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:83.01cd/klm
 Max.At90:1.080cd/klm
 Max.80-90:83.01cd/klm
 NRB 5101:Semi limited[20.7%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
I _{max} =100%	532
90%	479
80%	426
70%	373
60%	319
50%	266
40%	213
30%	160
20%	106
10%	53
5%	27

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 Test Date:2019-03-21

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 22DEG
Test Date: 2019-03-21

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:221.6V I:0.2440A P:52.10W PF:0.9620 Lamp Flux:5789.8x1 lm		
NAME: LEAF RANGE	TYPE:50W	WEIGHT:1.7
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

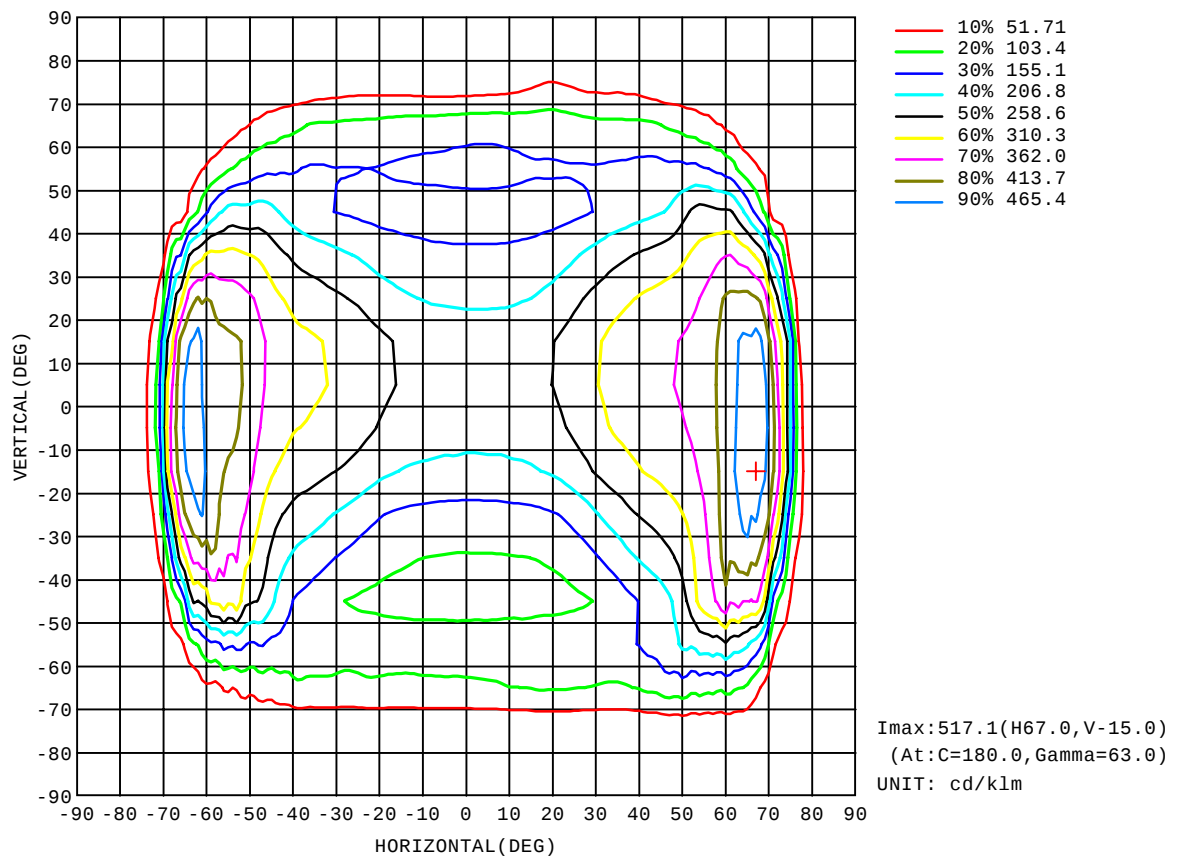
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	240.0	228.9	223.6	230.9	241.6	240.5	236.7	238.1	0- 5	5.644	5.644	0.57,0.56
10	241.7	218.6	208.9	221.1	247.0	240.7	235.0	236.9	5- 10	16.63	22.28	2.27,2.23
15	247.5	211.1	194.2	213.1	254.7	244.3	233.4	238.1	10- 15	27.25	49.52	5.04,4.95
20	262.5	202.9	164.8	204.6	271.6	249.2	215.5	240.9	15- 20	37.37	86.89	8.84,8.69
25	287.2	188.2	135.4	190.6	292.4	246.0	197.5	238.6	20- 25	46.68	133.6	13.6,13.4
30	311.3	172.1	105.9	176.8	306.0	242.1	179.6	237.4	25- 30	55.38	189.0	19.2,18.9
35	335.1	161.2	99.34	166.4	317.3	239.5	163.3	239.0	30- 35	63.39	252.3	25.7,25.2
40	344.8	153.0	92.73	158.1	325.4	232.9	147.0	240.1	35- 40	71.05	323.4	32.9,32.3
45	357.0	152.5	86.13	150.7	348.0	213.7	130.7	224.5	40- 45	77.60	401.0	40.8,40.1
50	369.7	143.6	105.4	140.5	393.9	191.1	153.5	204.2	45- 50	84.47	485.5	49.4,48.5
55	395.8	134.6	124.7	128.6	431.0	162.9	176.3	176.7	50- 55	94.71	580.2	59.58
60	445.4	148.9	143.9	139.8	454.5	163.6	199.1	174.4	55- 60	106.6	686.7	69.9,68.7
65	490.7	159.3	97.18	142.2	490.6	147.7	136.4	166.7	60- 65	115.7	802.4	81.6,80.2
70	468.1	140.7	50.41	102.2	275.1	106.4	73.65	134.1	65- 70	103.2	905.6	92.1,90.6
75	173.7	68.86	3.646	49.65	39.01	51.19	10.94	67.88	70- 75	59.15	964.7	98.1,96.5
80	14.44	4.106	0	3.024	6.798	3.280	0	6.828	75- 80	16.18	980.9	99.8,98.1
85	4.040	0	0	0	2.484	0	0	0	80- 85	1.969	982.9	100,98.3
90	0.9348	0	0	0	1.080	0	0	0	85- 90	0.1984	983.1	100,98.3
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:22DEG
Test Date:2019-03-21

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

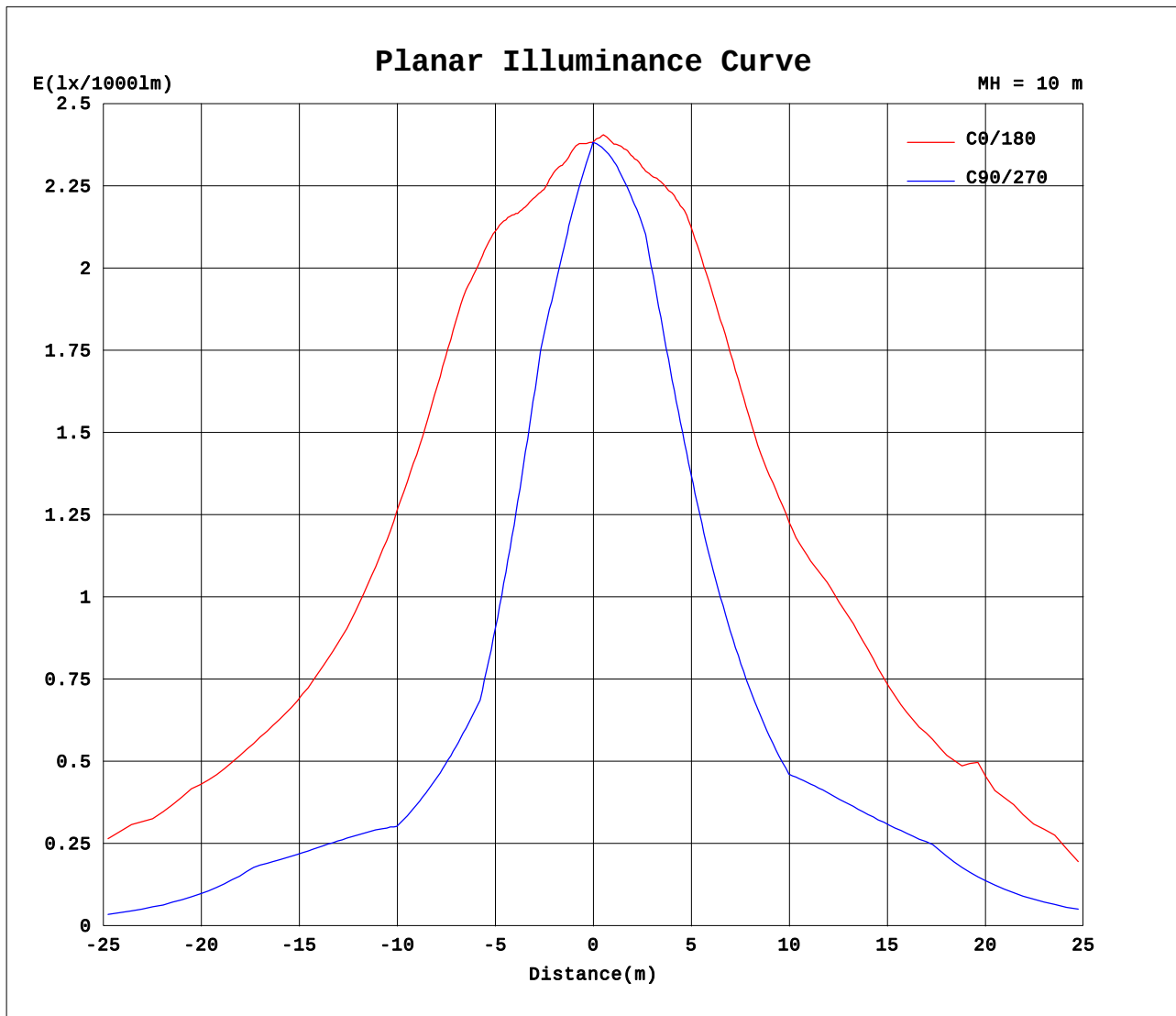
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Planar Illuminance Curve



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