

CERTIFICAT DE CALITATE SI GARANTIE

Tip produs: LEAF 30W

Data: 27.04.2020

Prezentul certificat atesta calitatea produsului livrat si conformitatea acestuia cu standardele internationale corespunzatoare clasei in care se incadreaza.

Produsul beneficiaza de garantie, suport tehnic si service gratuit pe o perioada de **36 luni** de la data instalarii lui. In perioada de garantie cumparatorul are dreptul in mod gratuit la repararea produsului si inlocuirea pieselor sau subansamblelor defecte din vina producatorului.

Prezentul produs are în componenta subansamble electronice si mecanice care necesita o manipulare adecvata pentru a se evita deteriorarile mecanice sub neglijenta instalatorului si conectare incorecta a alimentarii electrice. Temperatura ambianta de functionare trebuie sa se incadreze intre -40-+40°C.

Pentru a beneficia de garantie, cumparatorul are urmatoarele obligatii:

- Sa respecte conditiile enumerate mai sus si sa foloseasca produsul conform instructiunilor de utilizare;
- Sa pastreze produsul în bune conditii
- La aparitia unei situatii anormale in functionarea echipamentului sa anunte agentul de service care il deserveste, dupa ce verifica daca sunt indeplinite conditiile de utilizare; este interzisa interventia asupra produsului a persoanelor neautorizate de firma **"Led Market" S.R.L.** -Sa pastreze cu grija prezentul certificat de garantie

Nerespectarea obligatiilor de mai sus atrage pierderea garantiei.

De la garantie sunt excluse:

- partile de natura consumabila
- defectele cauzate de suprasarcini, intreruperi sau conectarea incorecta a alimentarii electrice - defectele datorate conectarii gresite a accesoriilor optionale

*Am prezentat modul de utilizare
si conditiile de garantie,*

Am luat la cunostinta,

Delegat _____

Societate Comercila

Stampila

Stampila



CERTIFICAT DE CALITATE SI GARANTIE

Tip produs: LEAF 60W

Data: 27.04.2020

Prezentul certificat atesta calitatea produsului livrat si conformitatea acestuia cu standardele internationale corespunzatoare clasei in care se incadreaza.

Produsul beneficiaza de garantie, suport tehnic si service gratuit pe o perioada de **36 luni** de la data instalarii lui. In perioada de garantie cumparatorul are dreptul in mod gratuit la repararea produsului si inlocuirea pieselor sau subansamblelor defecte din vina producatorului.

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Am luat la cunostinta,

Delegat _____

Societate Comercila

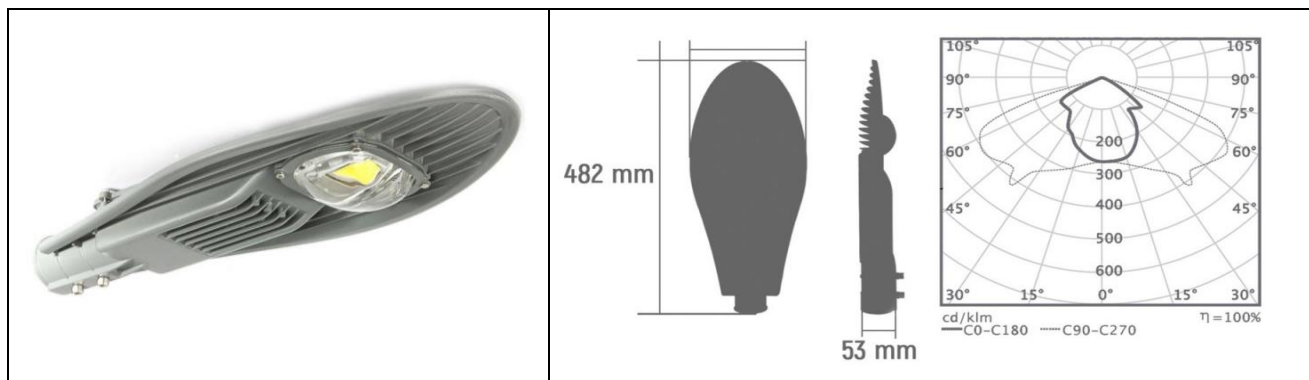
Stampila

Stampila



LED market	BC 'Mobiasbanca-OTP Group'SA				BIC	MOBBMD22	
	Banca beneficiara						
	Cod fiscal	1004600060124		IBAN	MD21MO2224ASV63167697100		

Datele tehnice: Street Light LEAF-2 30W-50W



Lungime (Mm)		482
Lățime (Mm)		280
Înălțime (Mm)		53
Puterea De Iluminare (W)		30 - 50
Numărul De Lumeni (Lm)		3300-5500
Garanția (Luni):		36
Tensiunea De Lucru (V)		220
Protecție		IP65
Durata De Viață (H):		50000
Material Carcasă		Aluminiu
Indicele De Redare Al Culoii (Ra)		90
Clasa Energetica :		A
Timp Pornire (S):		0.2
Greutatea felinarului kg:		1,4





TEST REPORT

NO.: ECT2019K040218-Y1

Date: Apr. 10, 2019

Page 1 of 4

Applicant: SC “LED MARKET” SRL

Address: Republica Moldova
mun.Chisinau, sos. Muncesti 801, MD-2029
Cod fiscal: 1004600060124
Tel: +373 (22) 496 584
Email: trade@compuvad.com
URL: www.ledmarket.md

Report on the submitted sample said to be:

Sample name: LED street light

Model: Range Leaf, sizes G1200, G1700, G2600, G3500, G3800, G5200

Trademark: Leaf Range

Manufacturer: SC “LED MARKET” SRL

Sample received date: Apr. 02, 2019

Testing period: From Apr. 02, 2019 to Apr. 10, 2019

Testing Requested:

According to customer requirements, to do IK08 test on the submitted sample(s).

Test Method:

According to the condition submitted by the client.

Signed for and on behalf of
Shenzhen ECT Testing Technology Co., Ltd

Prepared by: Eris
Zeng Ji Lan, Eris
Report Clerk

Reviewed by: Lewis
Liu Lin Wen, Lewis
Laboratory Supervisor

Approved by: Jeewah
Lv Jie Hua, Jeewah
Technical Director





TEST REPORT

NO.: ECT2019K040218-Y1

Date: Apr. 10, 2019

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Test Condition:

- 1) Ambient temperature and relative humidity: 23.5°C, 58% RH
- 2) Test condition:
 - a) The sample is placed on the ground, The energy of impact test specimens for 1J;
 - b) The impact point is uniformly distributed on the sample
 - c) Check the samples after test

Test Equipment:

Equipment	Manufacturer	Model	Calibration Date
IK Impact Tester	Hanyang	HY-7812A	2019-03-15



TEST REPORT

NO.: ECT2019K040218-Y1

Date: Apr. 10, 2019

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Test Result:

Test Item	Criteria (According to the technical requirements of client)	Test Result	
IK08	No crack on the sample	After the test, there is no obvious appearance abnormality on the sample.	P

Photos of the sample:



Photos of the Testing:

TEST REPORT

NO.: ECT2019K040218-Y1

Date: Apr. 10, 2019

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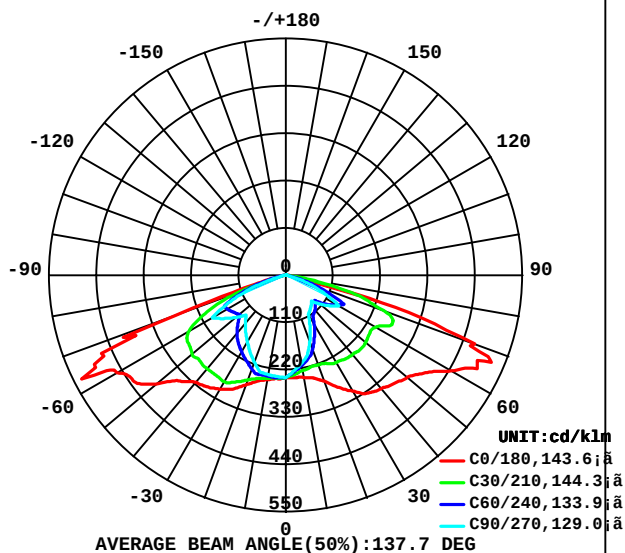
End of Report

STREETLIGHT PHOTOMETRIC TEST REPORT

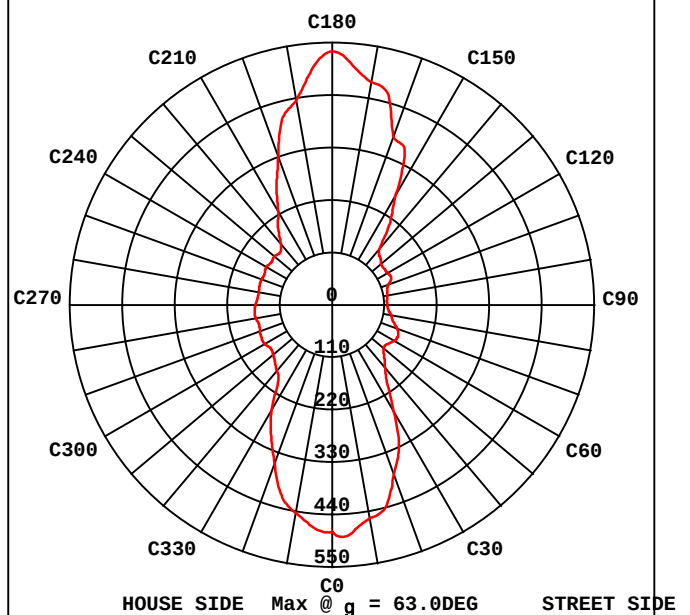
Test:U:221.6V I:0.2440A P:52.10W PF:0.9620 Lamp Flux:5789.8x1 lm		
NAME: LEAF RANGE	TYPE:50W	WEIGHT:1.7
DIM.:	SPEC.:5700K	SERIAL No.:
MFR.: LED MARKET SRL	SUR.:	PROTECTION ANGLE:

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 PLANS



MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



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

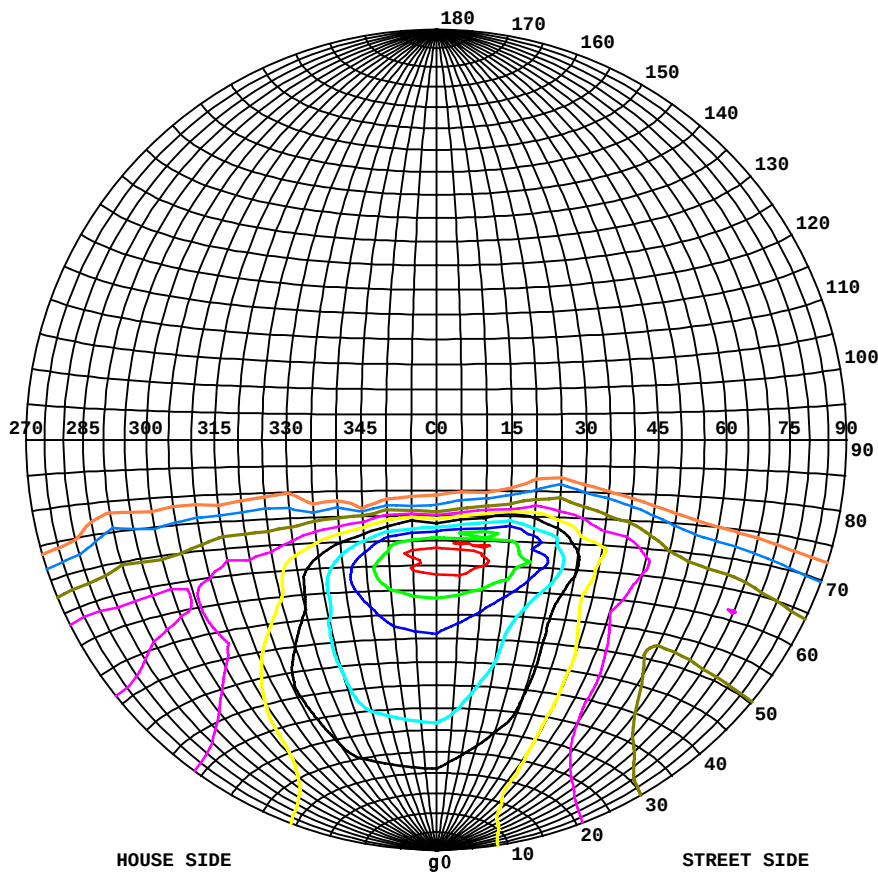
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

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:

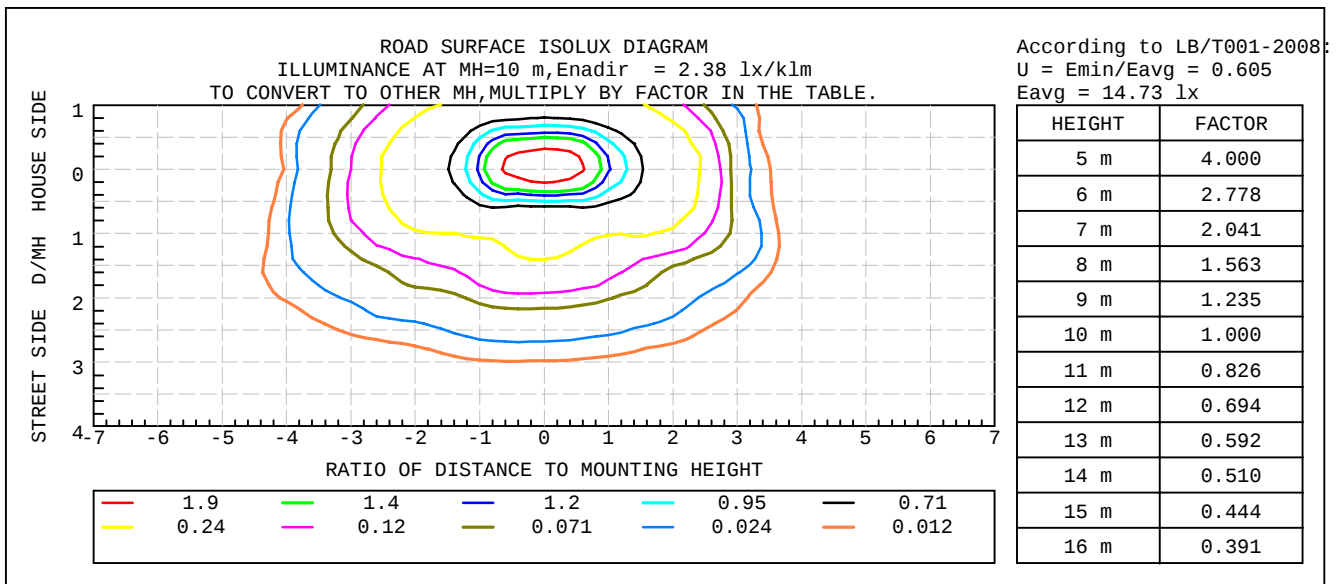
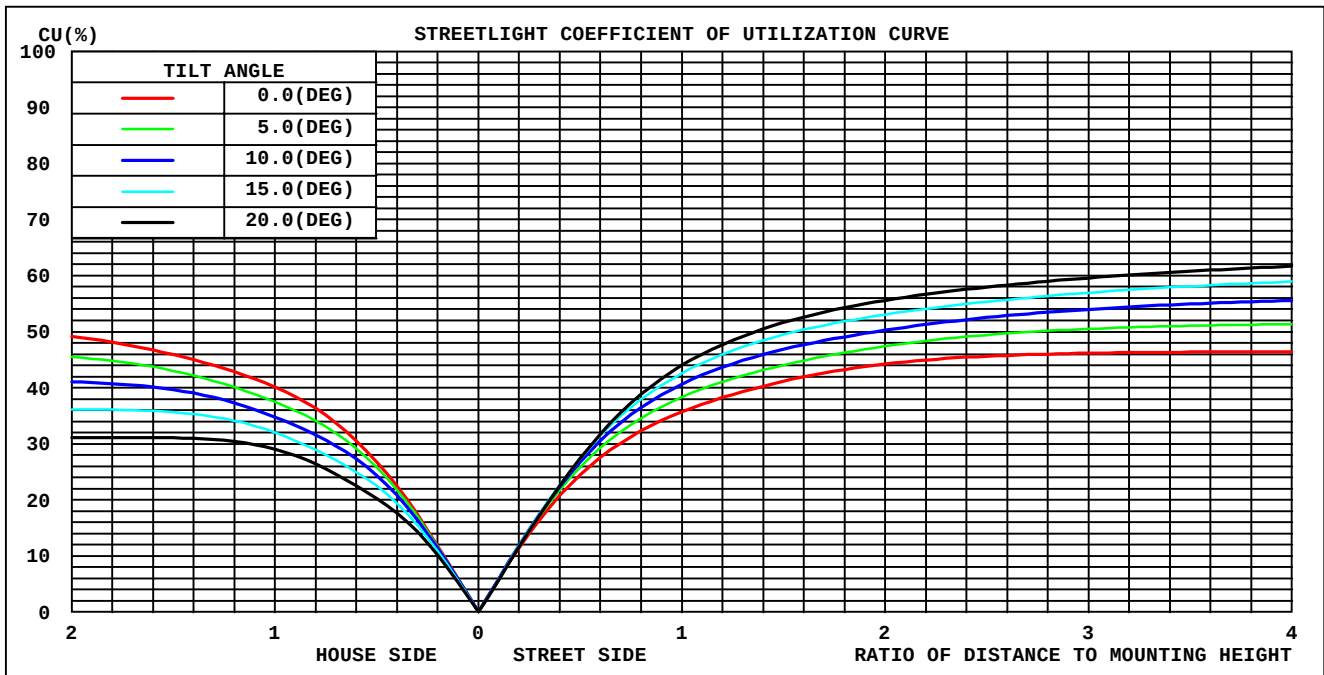
IES:Type II - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:83.01cd/klm
 Max.At90:1.080cd/klm
 Max.80-90:83.01cd/klm
 NRB 5101:Semi limited[20.7%]

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
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 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



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C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 22DEG
Operators: ROMAN
Test Date: 2019-03-21

g Range: 0 - 90DEG
g Interval: 0.5DEG
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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:

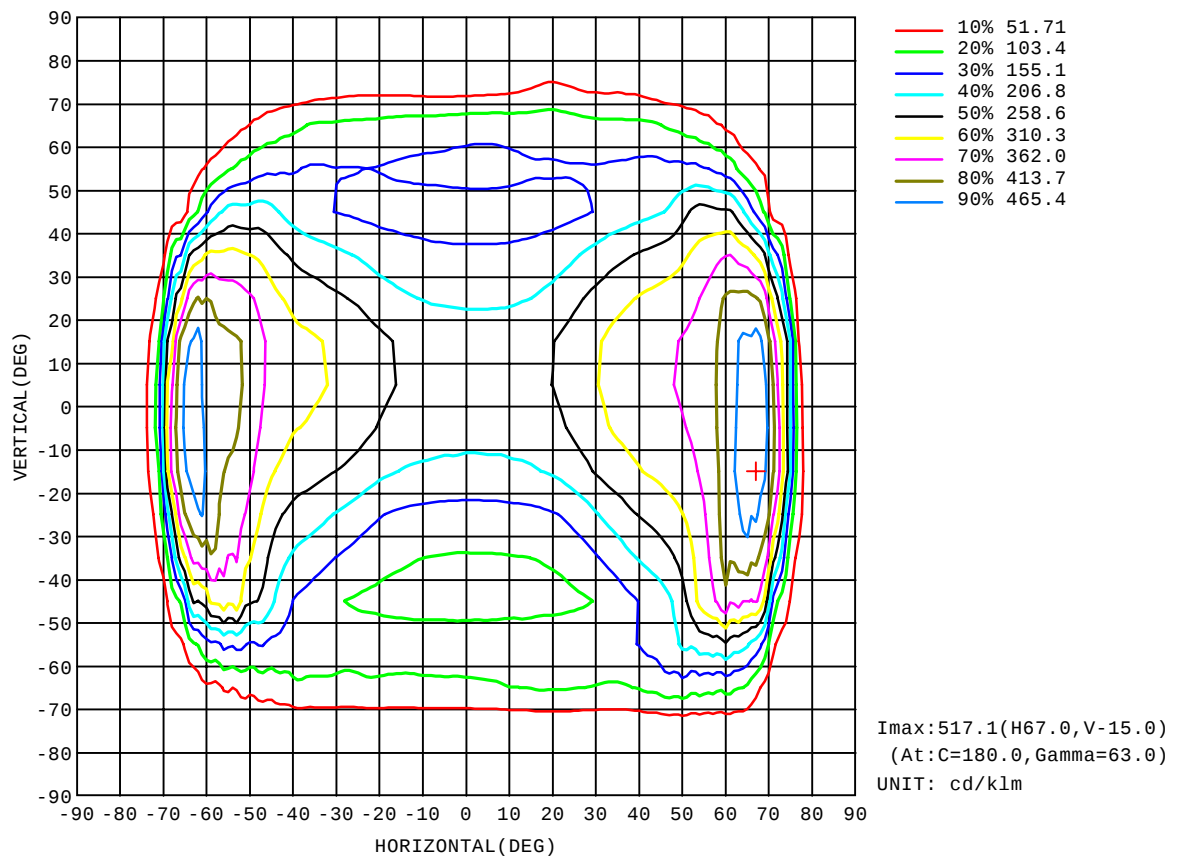
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
5	240.0	228.9	223.6	230.9	241.6	240.5	236.7	238.1	0- 5	5.644	5.644	0.57,0.56
10	241.7	218.6	208.9	221.1	247.0	240.7	235.0	236.9	5- 10	16.63	22.28	2.27,2.23
15	247.5	211.1	194.2	213.1	254.7	244.3	233.4	238.1	10- 15	27.25	49.52	5.04,4.95
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		

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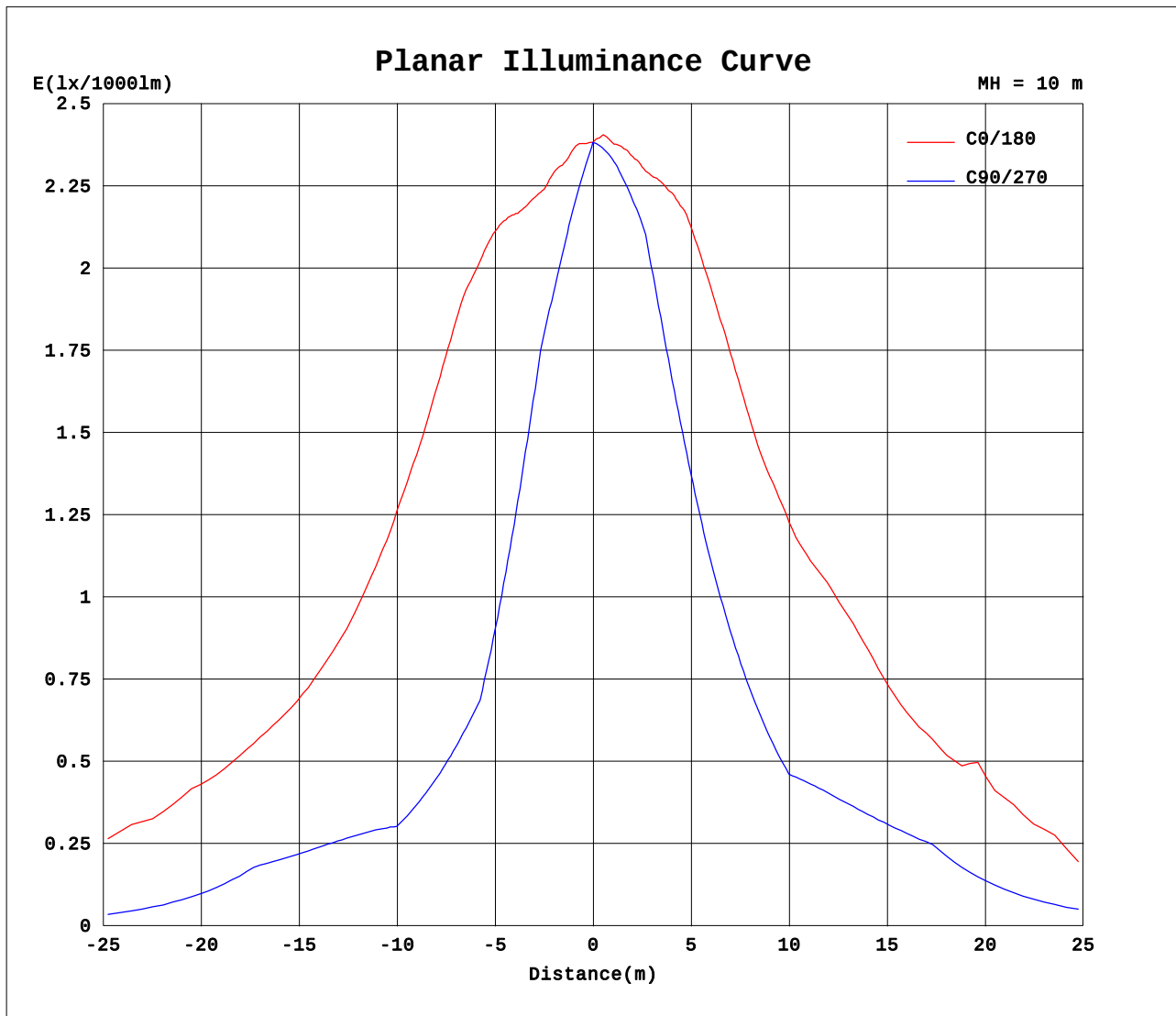
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Planar Illuminance Curve



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