

HOME



SUBURBANAS



11-HP-LX100W-CW

LÀMPARA DE 100W CON SUPRESOR DE PICOS.

PARA EXTERIORES

DETALLES DE PRODUCTO

ELÉCTRICOS

Wattaje:	100W
Voltaje:	AC 85-305V
Frecuencia:	50/60 HZ
Factor de Poder:	>0.95
Distorsión armónica total (THD):	N/A

DESEMPEÑO LUMÍNICO

Lúmenes:	11,000
Lúmenes por Watt (Lm/W):	110
Temperatura de color (CCT):	6,000°K
Índice de Color (CRI):	80
Ángulo Beam:	70*140°
Distribución de la luz:	N/A
Tecnología 3 pasos:	N/A
Clase energética:	A

AMBIENTAL

Temperatura de operación:	-20°C ~ 40°C
Para su uso en:	interiores/exteriores
Contenido Mercurio (Hg):	0 (cero)
Índice de protección:	IP65*

*Protegido contra filtraciones de agua. Penetración limitada permitida.

FICHA TÉCNICA

CARACTERÍSTICAS

- Iluminación LED.
- Para jardines, estacionamientos, caminos.
- Fabricado en aleación de aluminio y vidrio.
- Para interiores y exteriores.
- Reflector interior blanco.
- Diseño ultradelgado favorece la disipación del calor.
- Solo en luz blanca.
- Con supresor de picos.

APLICACIONES

Ilumina carreteras, calles principales, calles adyacentes, jardines, áreas residenciales y estacionamientos.

EXPECTATIVA DE VIDA

Tiempo promedio (Horas):	50,000
Garantía (Años):	5

CERTIFICACIONES

CE, RoHS

COMPONENTES

Fuente de luz LED: LED SMD 2835 EPISTAR con lupa o curva tipo 2

FABRICACIÓN

Material: Aleación de aluminio, vidrio
Fuente de Poder: A corriente eléctrica
Acabado: Cuerpo de la lámpara en color beige, pantalla de vidrio en negro con recuadro beige.

EMPAQUE

Caja de cartón:	Etiqueta
Dimensiones (mm):	Al: 520 x An: 225 x Pr: 105
Peso (kg):	3.520
País de Origen:	China

MEDIDAS

Dimensiones (mm):	Al: 500 x An: 215 x Pr: 60
Peso (kg):	3.105

NOTA:

- 100 LEDs SMD 2835 Epistar de alta luminosidad.

CARACTERÍSTICAS

11- HP-LX100W-CW

LÀMPARA DE 100W CON SUPRESOR DE PICOS.



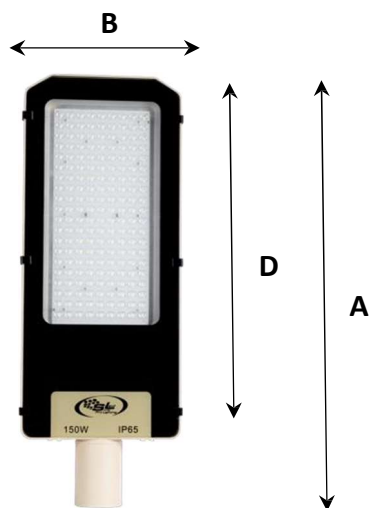
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NOTA:

- Empacado en caja de cartón, con unicel.

DIMENSIONES



DIMENSIONES				
CLAVE	A	B	C	D
11-HP-LX100W-CW	500 mm	215 mm	60 mm	420 mm

TOMAS

11-HP-LX100W-CW

LÀMPARA DE 100W CON SUPRESOR DE PICOS.

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APLICADA



FRONTAL



SUPRESOR



TRASERA



SERIE

11-HP-LX100W-CW

LÀMPARA DE 100W CON SUPRESOR DE PICOS.



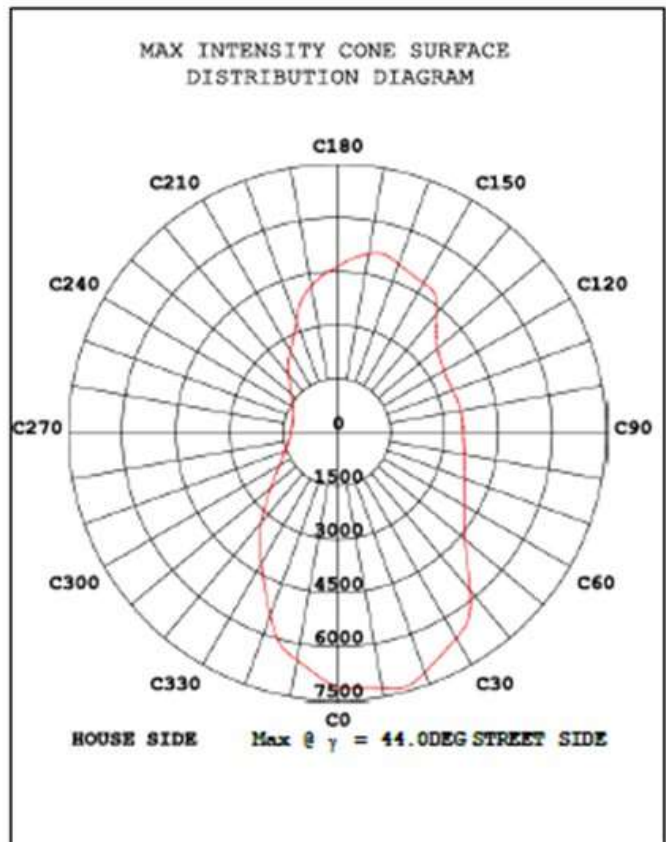
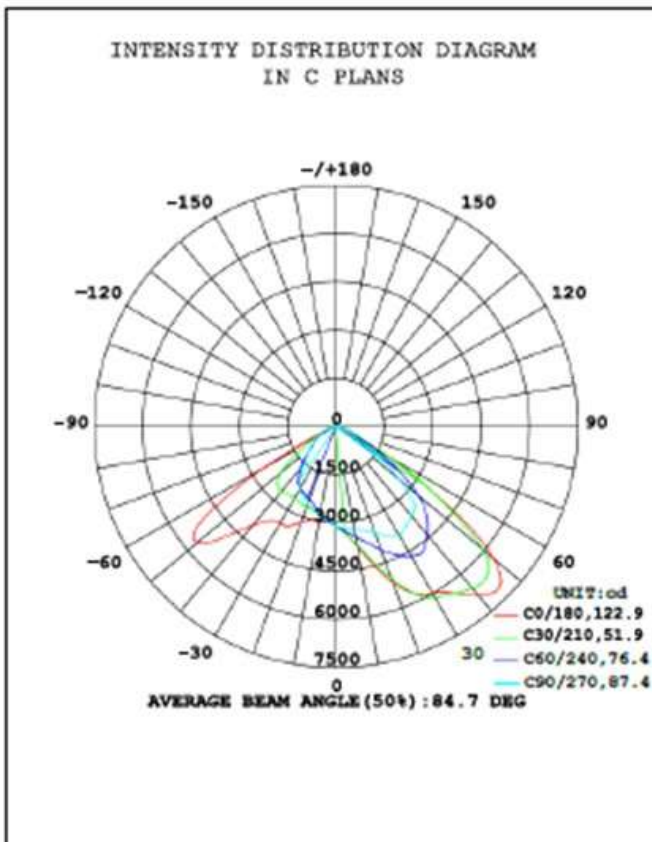
Supresor SPD-10KV

N (BU) In: 5KA	Imax: 10KA
L (BN) Uc: 350VAC	Up: 1200V
G (G/Y) Uoc: L-N: 10KV	L/N-G: 15KV

LX SERIES - 100W STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LX SERIES - 100W	I _{max} (cd)	7376	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	100.0	η street_down(%)	59.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11258	η house_up(%)	0.0
NOMINAL FLUX(lm)	11258.4	MAXIMUM @ (C, γ)	15,44.0	η house_down(%)	40.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	17.674

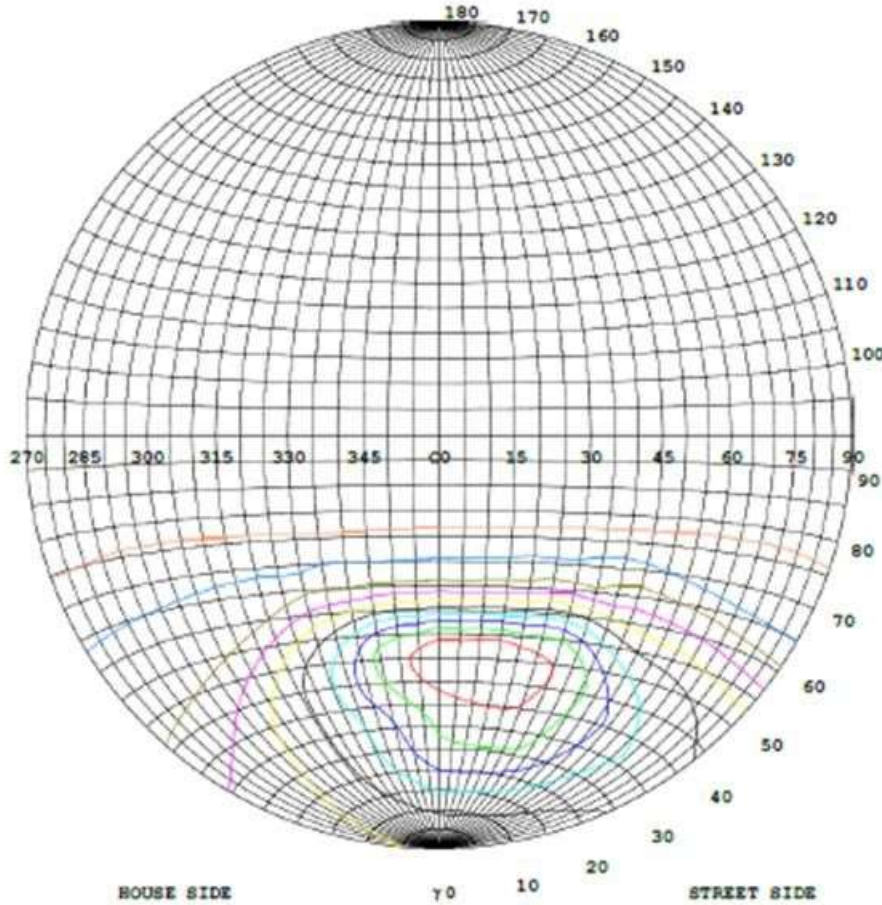


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:35.2DEG
Operators:
Test Date:2019-06-21

V(β) Range:-75 - 75DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:56%
Test Distance:8.520m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:



Classification:

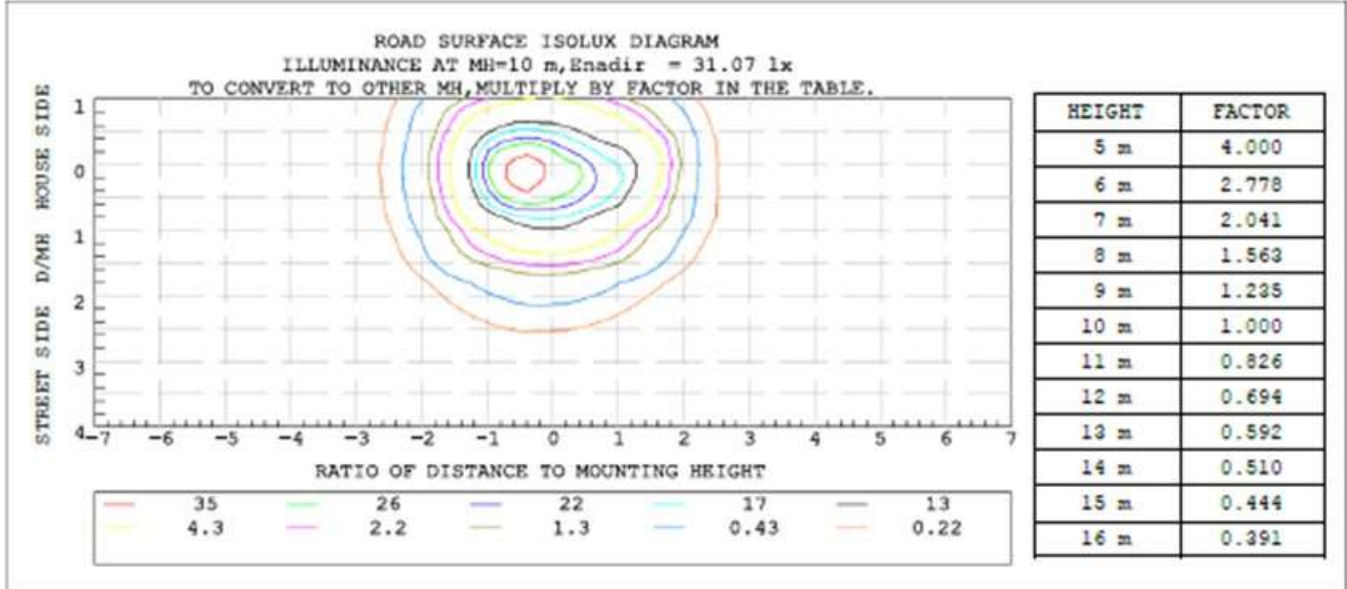
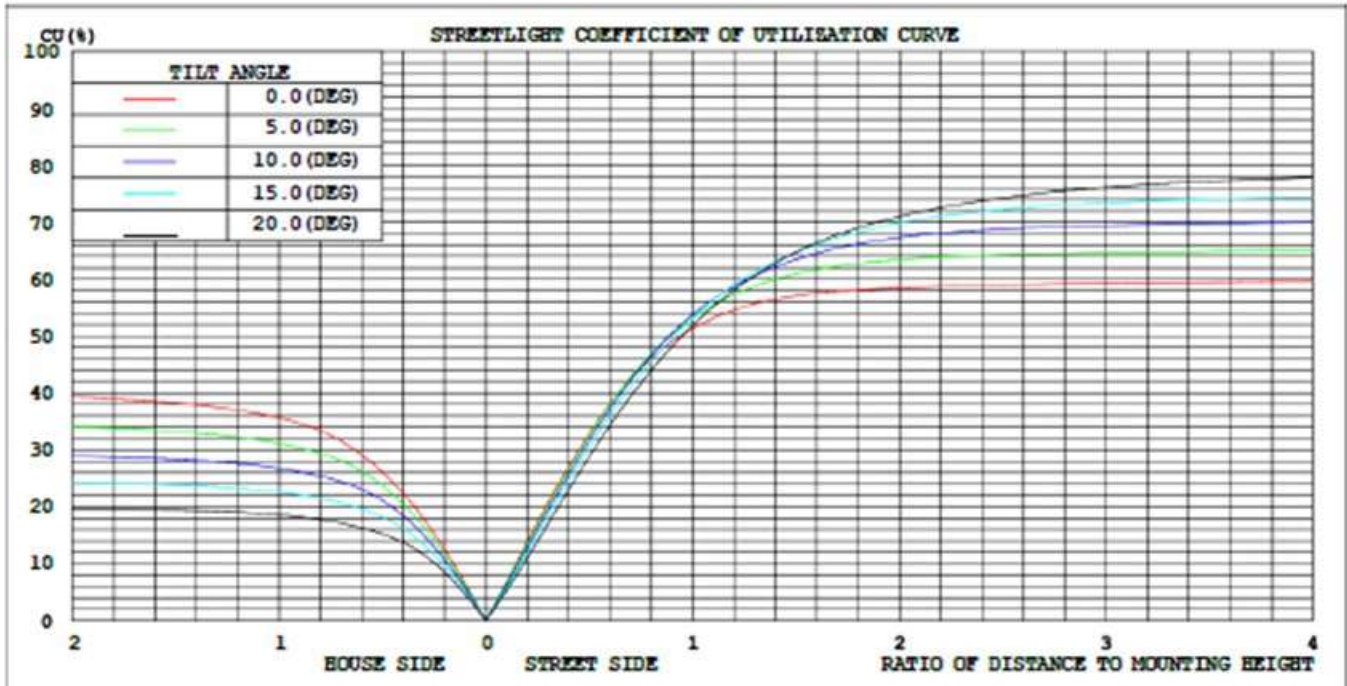
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:11.62cd/klm
 Max.At90:5.133cd/klm
 Max.80-90:11.62cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7376
— 90%	6638
— 80%	5900
— 70%	5163
— 60%	4425
— 50%	3688
— 40%	2950
— 30%	2213
— 20%	1475
— 10%	738
— 5%	369

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:35.2DEG
 Operators:
 Test Date:2019-06-21

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:56%
 Test Distance:8.520m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 35.2DEG
Operators:
Test Date: 2019-06-21

V(β) Range: -75 - 75DEG
V(β) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity: 56%
Test Distance: 8.520m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:

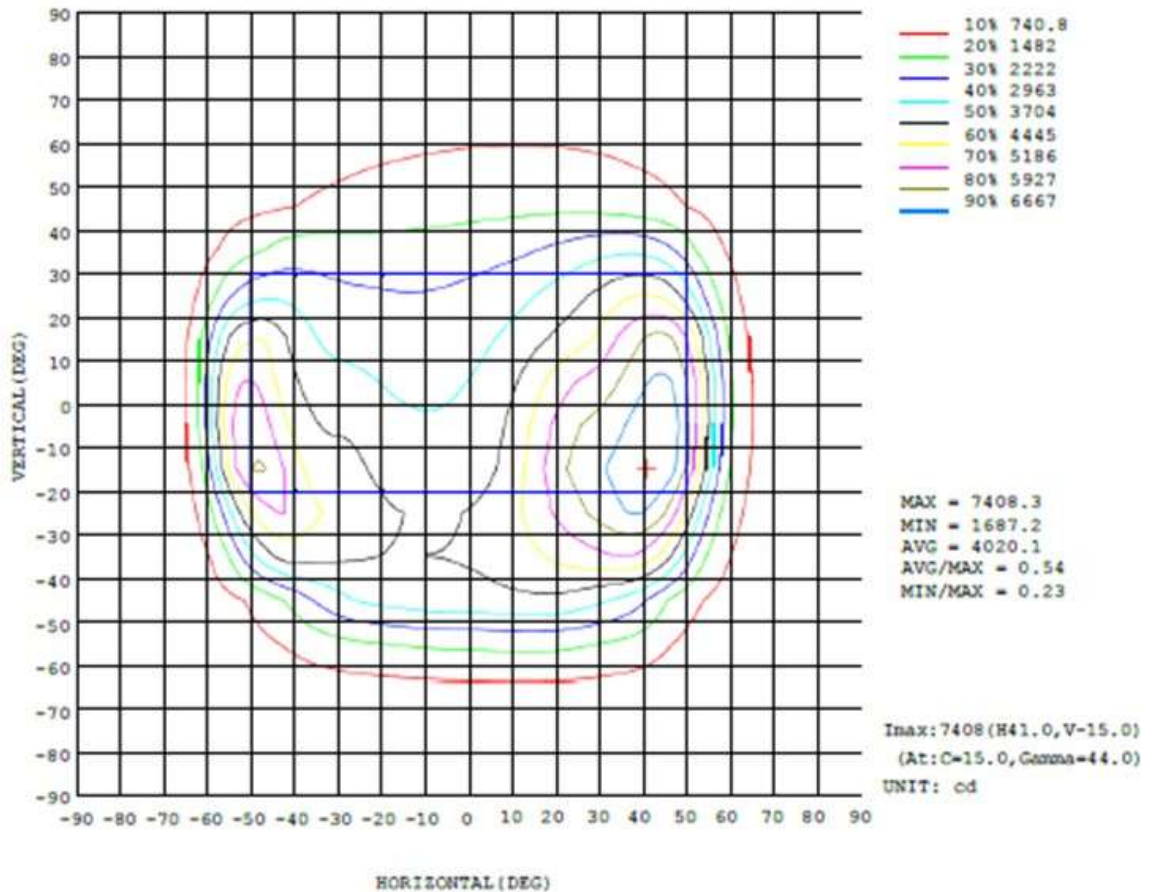
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φzone	Φtotal	%lum, lamp
10	3777	3615	3264	3093	2944	2739	2829	3257	0- 10	299.8	299.8	2.66,2.66
20	5168	4590	3538	3329	3172	2482	2541	3428	10- 20	950.3	1250	11.1,11.1
30	5984	5424	3927	3788	3472	2353	2245	3418	20- 30	1709	2959	26.3,26.3
40	6854	5598	3634	4178	4023	2164	1569	3229	30- 40	2414	5373	47.7,47.7
50	6368	4014	2559	3171	5634	1331	1044	1980	40- 50	2874	8247	73.2,73.2
60	1840	1806	702.7	1381	2545	622.7	672.3	879.2	50- 60	2064	10310	91.6,91.6
70	448.1	450.4	399.5	365.4	347.8	298.3	353.1	413.9	60- 70	689.7	11000	97.7,97.7
80	130.9	118.9	0	88.70	77.62	58.65	0	85.68	70- 80	239.4	11239	99.8,99.8
90	57.79	0	0	0	42.14	0	0	0	80- 90	19.06	11258	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			
DMG	LUMINOUS INTENSITY:cd									UNIT:lm		

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:35.2DEG
 Operators:
 Test Date:2019-06-21

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:56%
 Test Distance:8.520m (K=1.0000)
 Remarks:

ISOCANDELA DIAGRAM

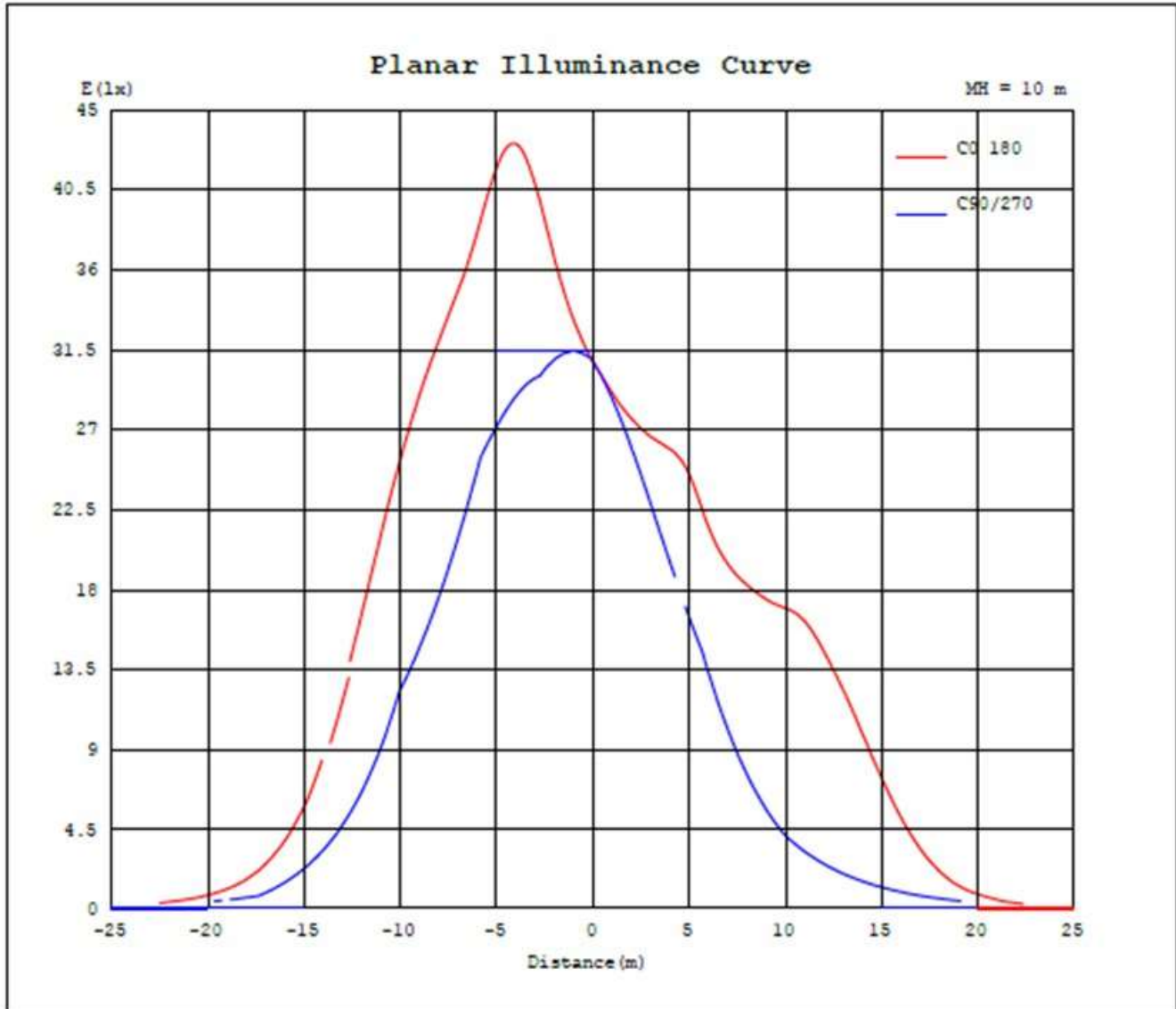
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NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:



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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:35.2DEG
Operators:
Test Date:2019-06-21

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:56%
Test Distance:8.520m [K=1.0000]
Remarks:

Planar Illuminance Curve



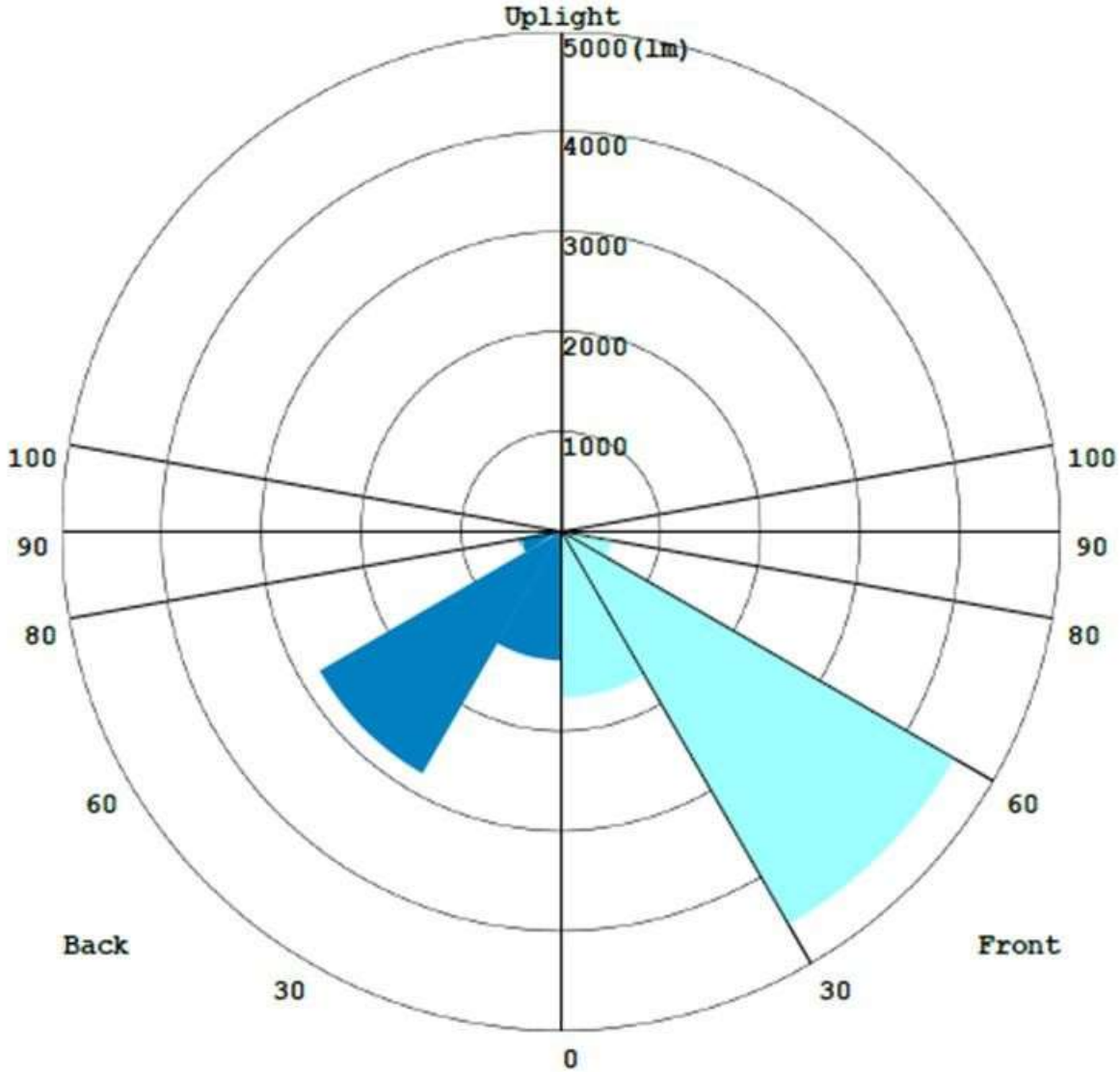
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H(β) Interval: 1.0DEG
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Temperature:35.2DEG
Operators:
Test Date:2019-06-21

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V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:56%
Test Distance:8.520m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:35.2DEG
 Operators:
 Test Date:2019-06-21

V(β) Range:-75 - 75DEG
 V(β) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
 Humidity:56%
 Test Distance:8.520m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: LX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:027
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1668	14.8
FM - Front-Medium(30-60)	4552.8	40.4
FH - Front-High(60-80)	514	4.6
FVH - Front-Very High(80-90)	11.154	0.1
Total Forward Light	6745.9	59.9

BL - Back-Low(0-30)	1290.7	11.5
BM - Back-Medium(30-60)	2798.9	24.9
BH - Back-High(60-80)	415.03	3.7
BVH - Back-Very High(80-90)	7.909	0.1
Total Back Light	4512.5	40.1

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	B3-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4512.5	0	4512.5
Street Side	6745.9	0	6745.9

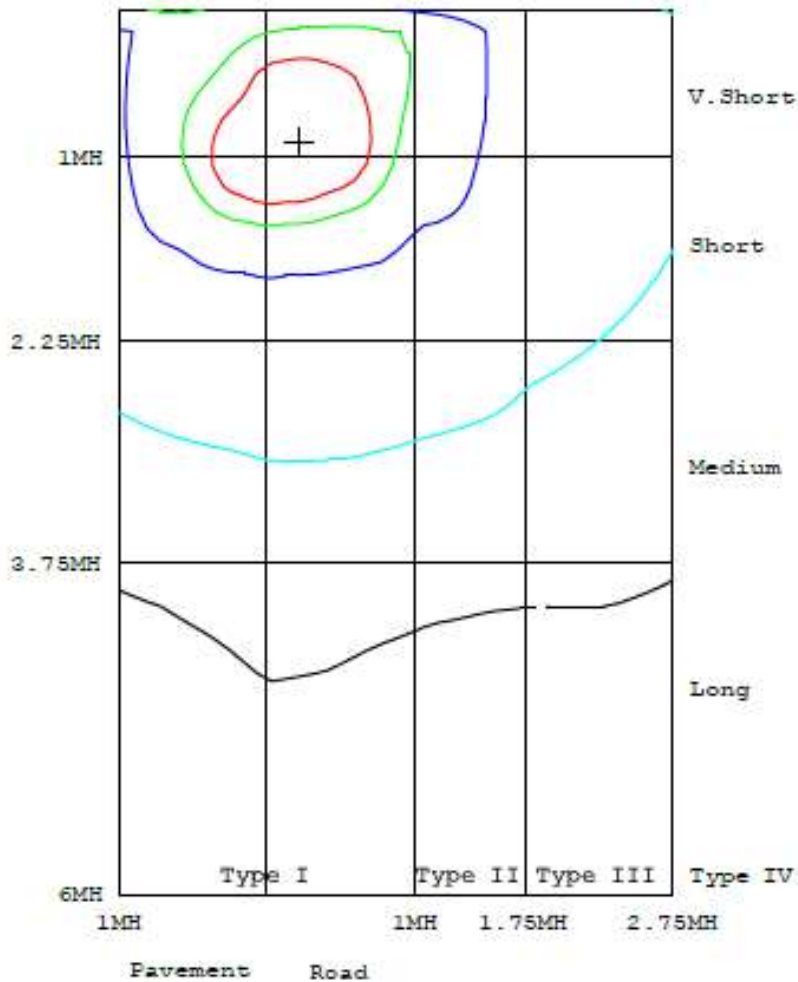
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Test Speed: HIGH
Temperature:35.2DEG
Operators:
Test Date:2019-06-21

V(β) Range:-75 - 75DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:56%
Test Distance:8.520m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test: U:220.51V I:0.4620A P:99.782W PF:0.9794 Freq:49.99Hz Lamp Flux:11258.4xl lm		
NAME: IX SERIES - 100W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 027
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



70 513257 366248 146656 366262 183.31

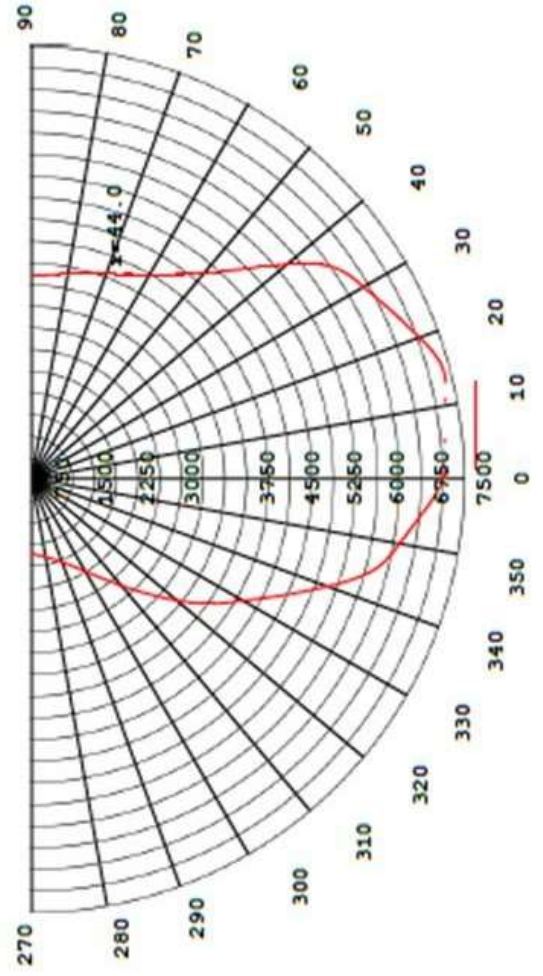
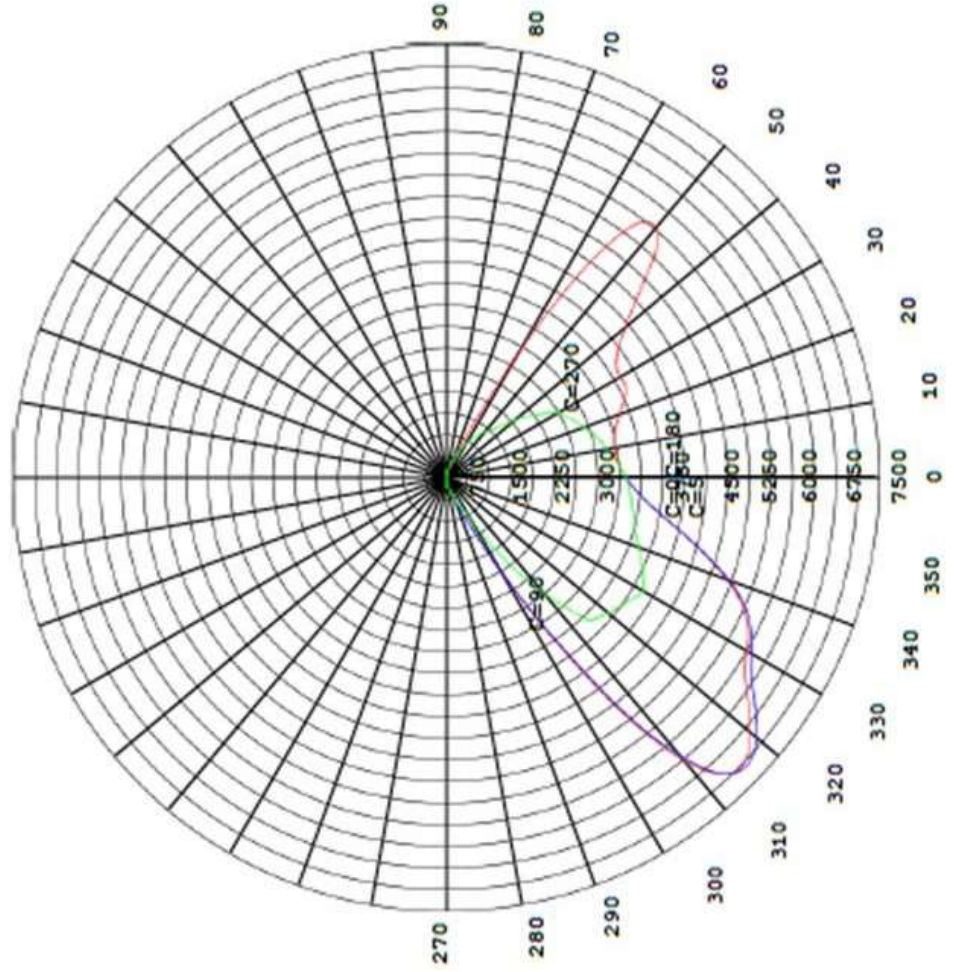
H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 35.2DEG
Operators:
Test Date: 2019-06-21

V(β) Range: -75 - 75DEG
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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity: 56%
Test Distance: 8.520m [K=1.0000]
Remarks:

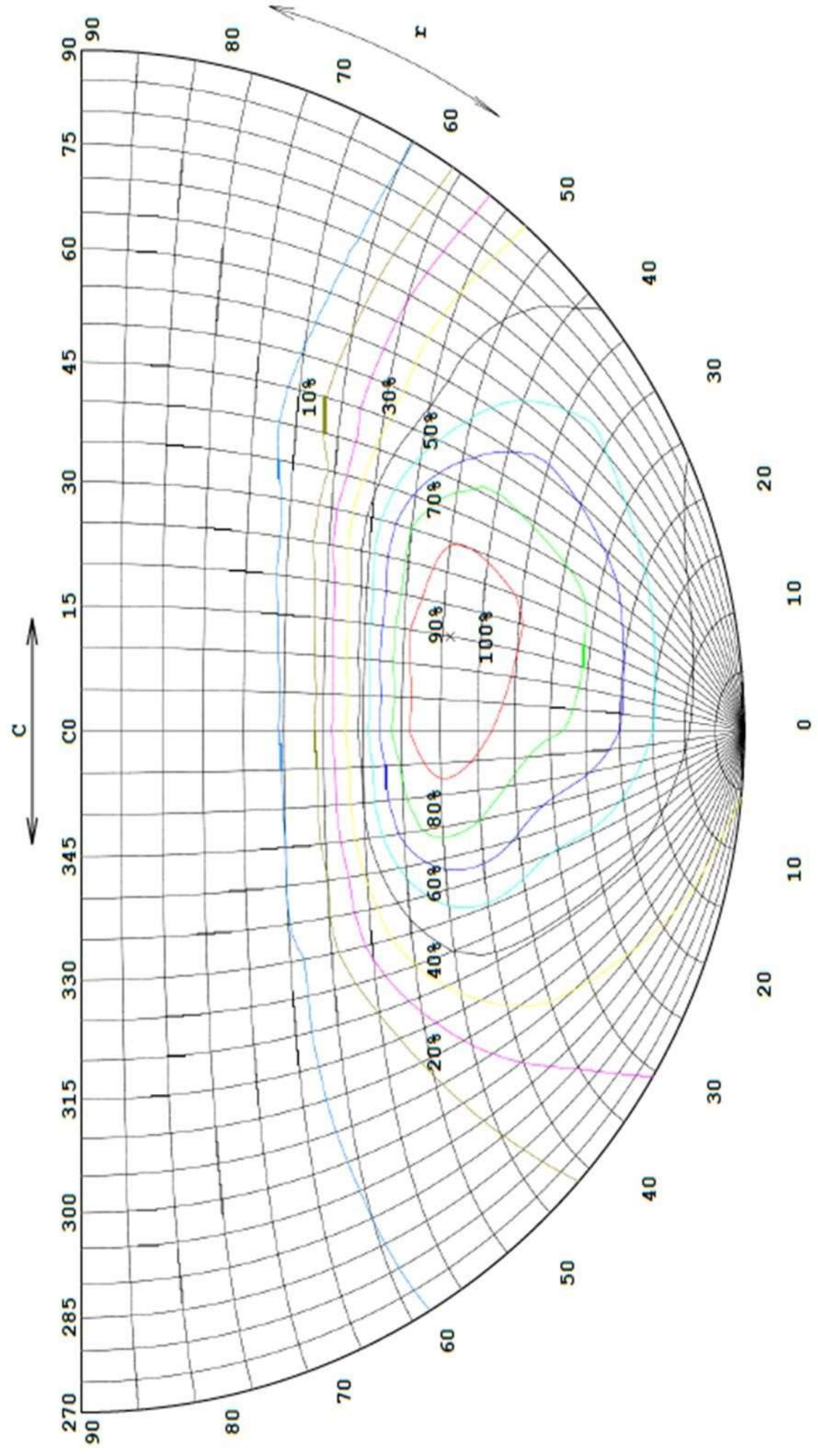
FLUX DATA:

LOR: 100.0 %
 STREET DOWN: 6746 lm
 STREET UP: 0 lm
 HOUSE DOWN: 4513 lm
 HOUSE UP: 0 lm

I (cd)



$I_{max}(100\%) = 7376 \text{ cd}$



$E_{max}(100\%) = 31.07 \text{ lx}$ $H = 10\text{m}$

