

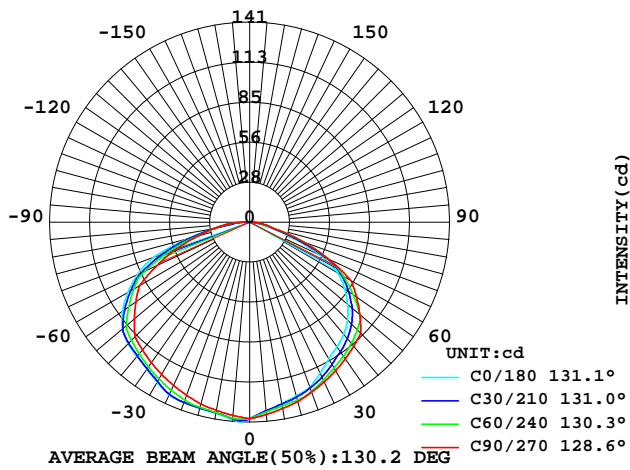
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

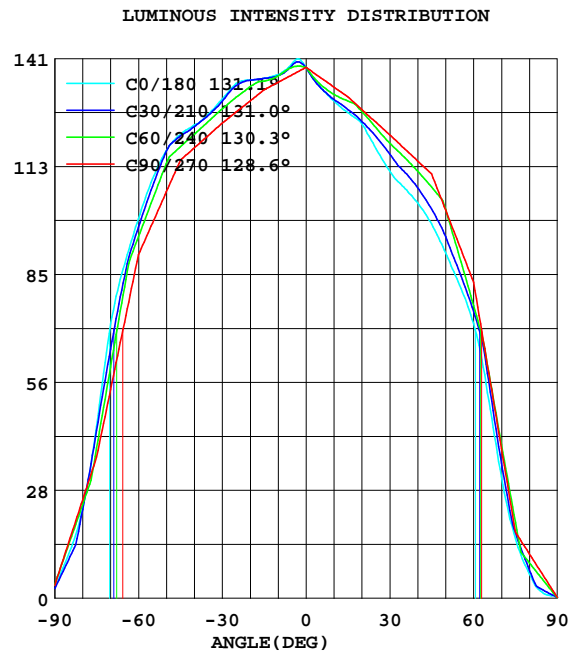
MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	141.1	Effective Flux(lm):	454.9
NOMINAL POWER(W):	10	MAXIMUM(C, $\gamma$ ):	0, 3.0	EEI	0.242
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.6
NOMINAL FLUX(lm):	461.8	$\eta$ street_up(%):	0.0	Current(A)	0.047
TEST FLUX(lm):	461.8	$\eta$ street_down(%):	51.7	Power(W)	9.950
LAMPS QUANTITY:	1	$\eta$ house_up(%):	0.0	Power Factor	0.946
TOTAL FLUX(lm):	461.8	$\eta$ house_down(%):	48.3	EEFICIENCY(lm/W)	46.4

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2021年05月19日

Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

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## Color Temperature Data List

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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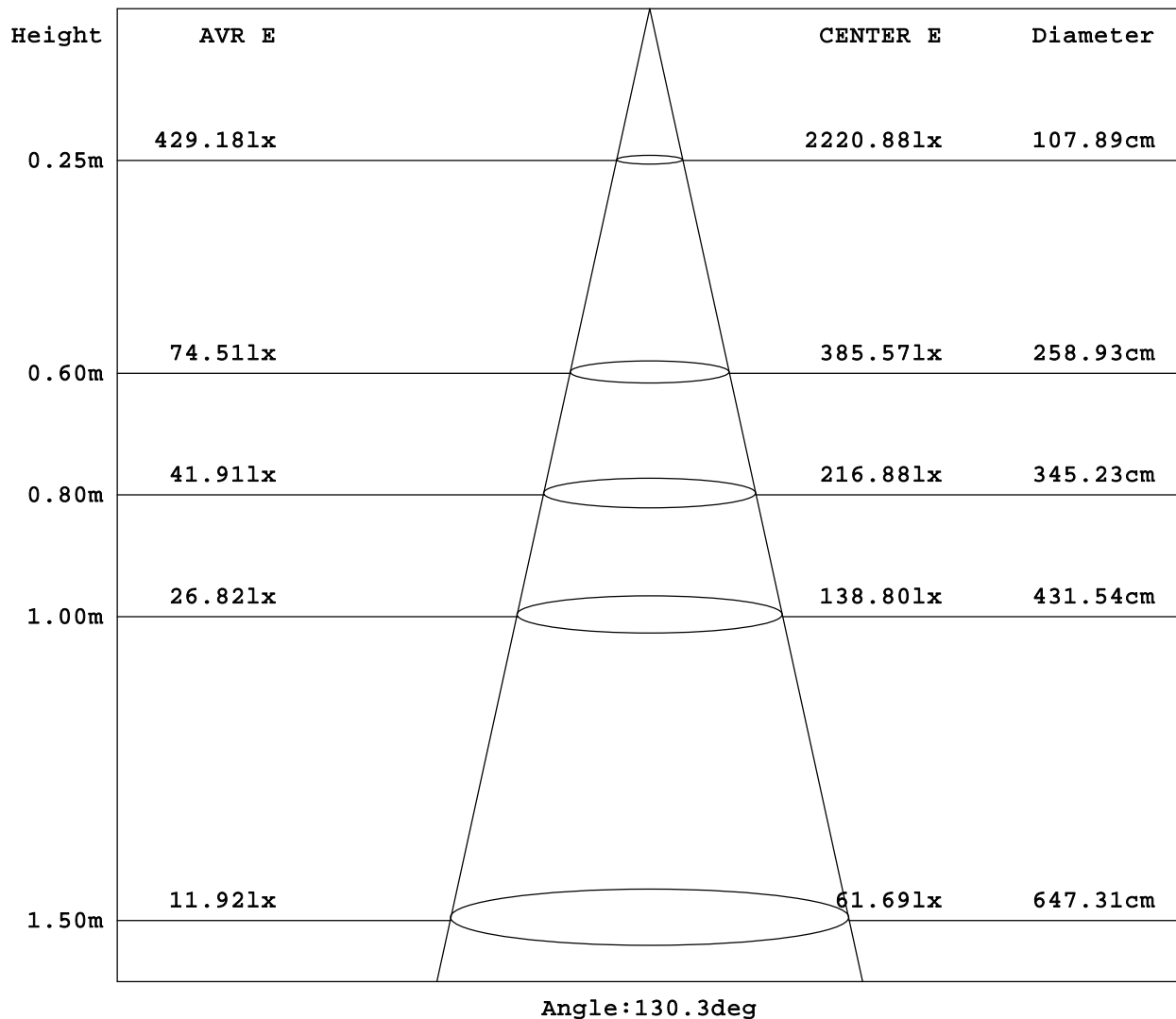
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2021年05月19日

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## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月19日

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 Humidity:65.0%  
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 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	139.7	139.2	136.8	134.3	133.7	133.9	136.2	138.7	0- 5	3.287	3.287
10.0	136.9	136.5	134.9	131.6	130.0	131.0	133.6	135.3	5- 10	9.653	12.94
15.0	135.9	135.7	132.9	129.6	127.0	129.0	131.0	133.6	10- 15	15.74	28.68
20.0	135.4	135.5	130.0	127.6	124.0	126.9	127.7	132.7	15- 20	21.56	50.24
25.0	134.6	133.1	127.1	122.3	117.5	122.2	124.4	129.9	20- 25	26.84	77.08
30.0	130.5	129.6	124.2	117.3	111.6	118.2	121.1	125.9	25- 30	31.40	108.4
35.0	126.5	125.7	121.0	113.0	107.4	114.6	117.7	122.5	30- 35	35.38	143.8
40.0	123.8	123.0	117.7	108.8	103.4	111.0	114.3	119.7	35- 40	38.90	182.7
45.0	121.2	119.0	114.5	103.3	97.90	104.7	110.9	115.1	40- 45	41.81	224.6
50.0	117.0	113.9	106.3	97.06	90.29	97.62	101.5	109.3	45- 50	43.60	268.2
55.0	109.6	107.4	98.08	89.97	81.91	89.51	92.09	101.9	50- 55	43.57	311.7
60.0	99.22	96.09	89.85	76.71	71.88	73.27	82.68	88.38	55- 60	41.85	353.6
65.0	87.31	84.39	72.21	61.99	53.69	55.65	60.89	73.63	60- 65	37.76	391.4
70.0	71.77	67.11	54.57	44.89	31.75	37.42	39.10	54.61	65- 70	30.15	421.5
75.0	44.87	43.02	36.93	27.45	15.54	20.88	17.30	31.74	70- 75	20.41	441.9
80.0	23.48	21.24	25.76	12.78	6.394	7.484	11.61	11.92	75- 80	11.47	453.4
85.0	11.57	12.13	14.58	6.939	1.323	3.733	5.916	6.049	80- 85	6.043	459.4
90.0	3.417	3.197	3.417	1.323	0.441	0.110	0.221	0.221	85- 90	2.323	461.8
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

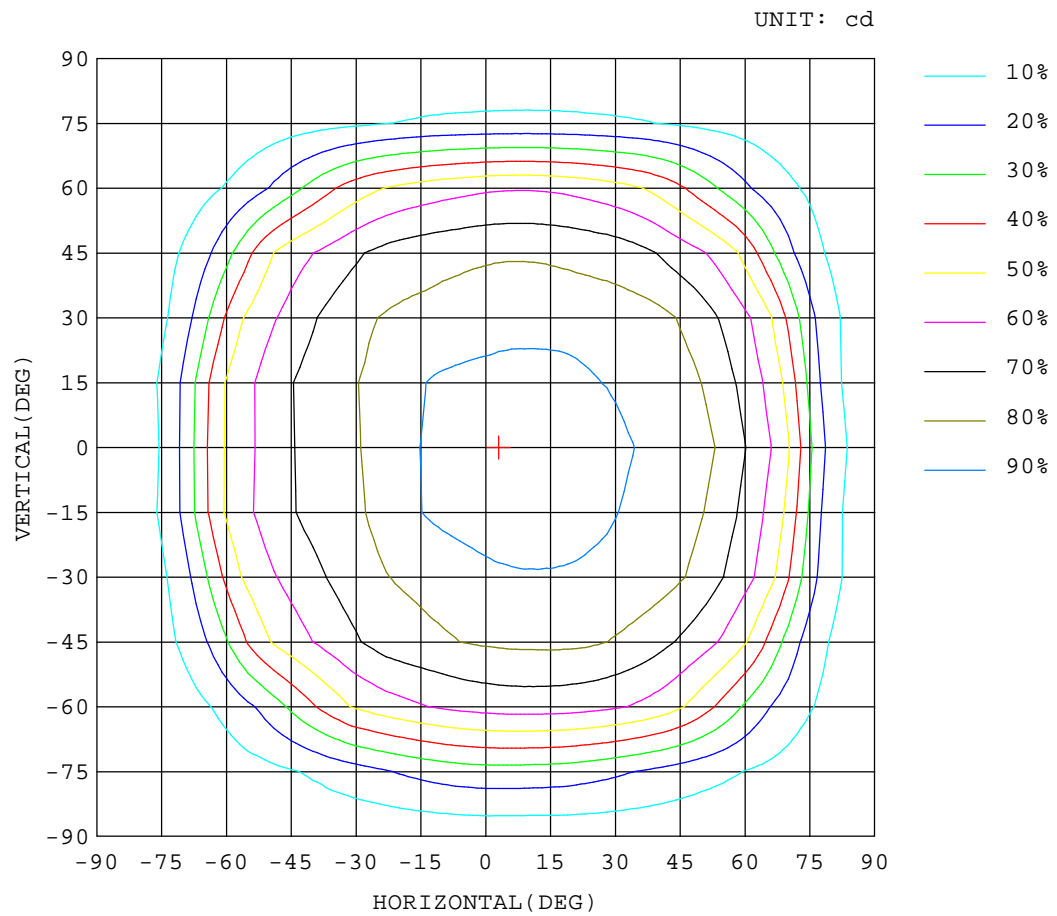
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月19日

Test Set: 5.0deg/s B-Beta (TYPE B)  
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 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



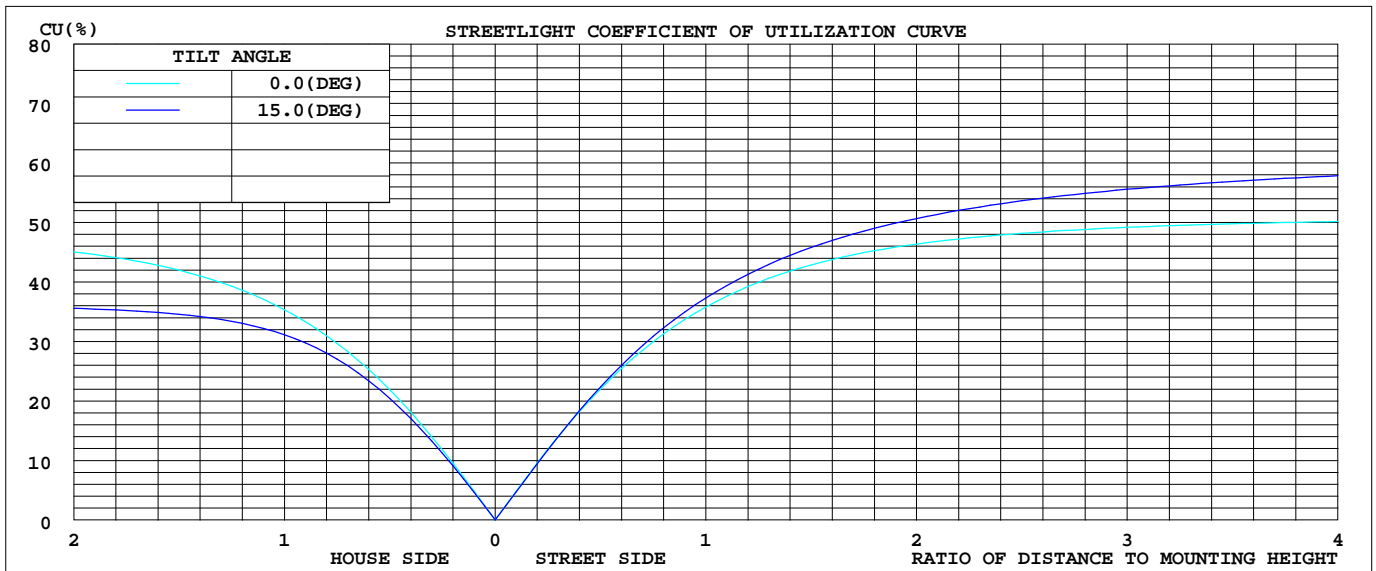
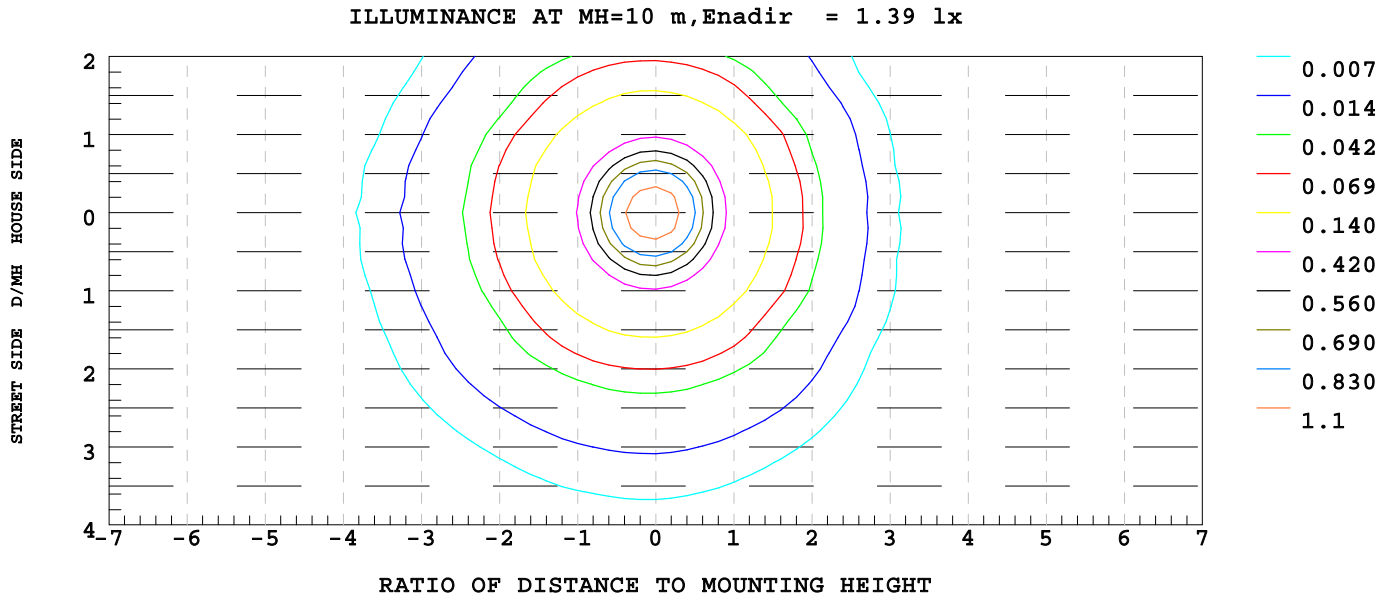
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Operators:  
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Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



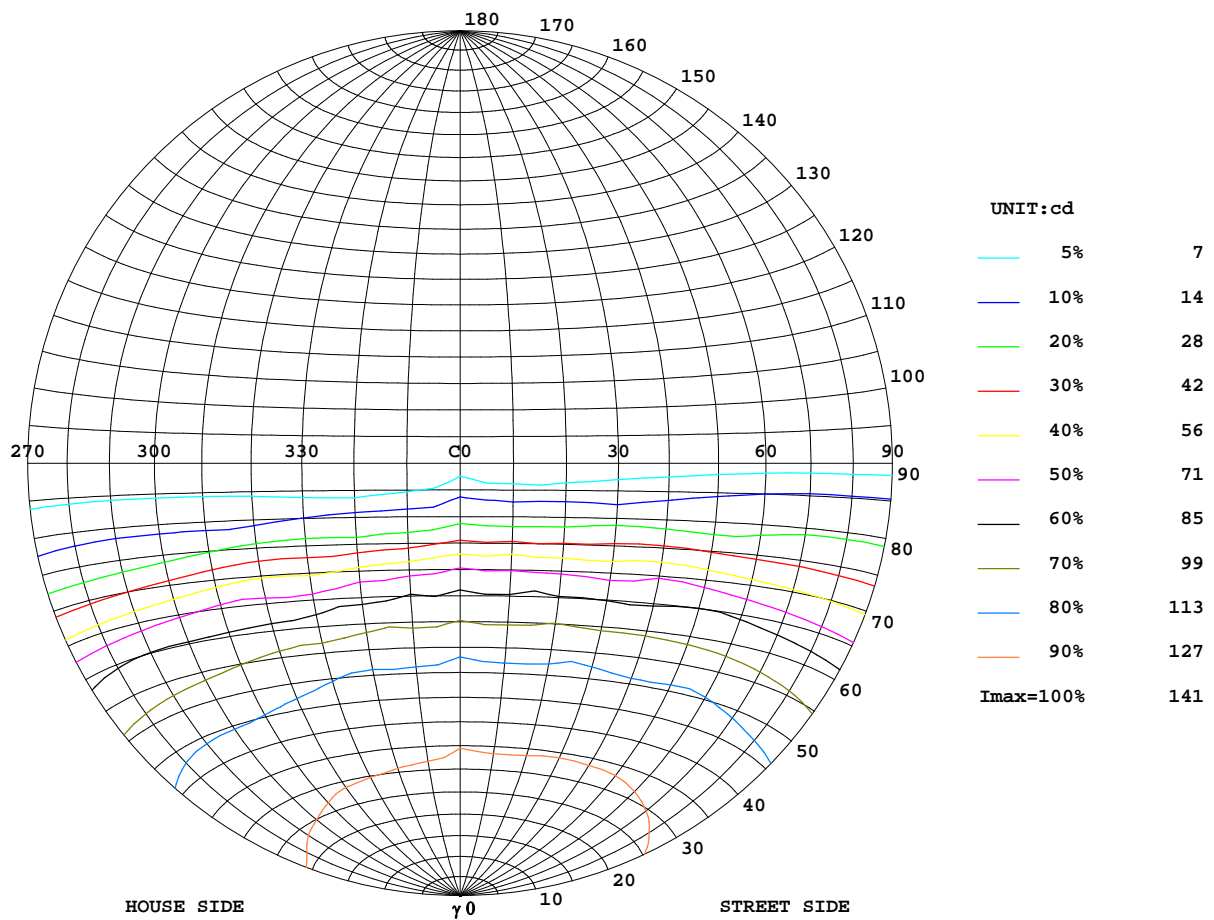
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月19日

Test Set: 5.0deg/s B-Beta (TYPE B)  
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NAME: LT-YZ-300-10w	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



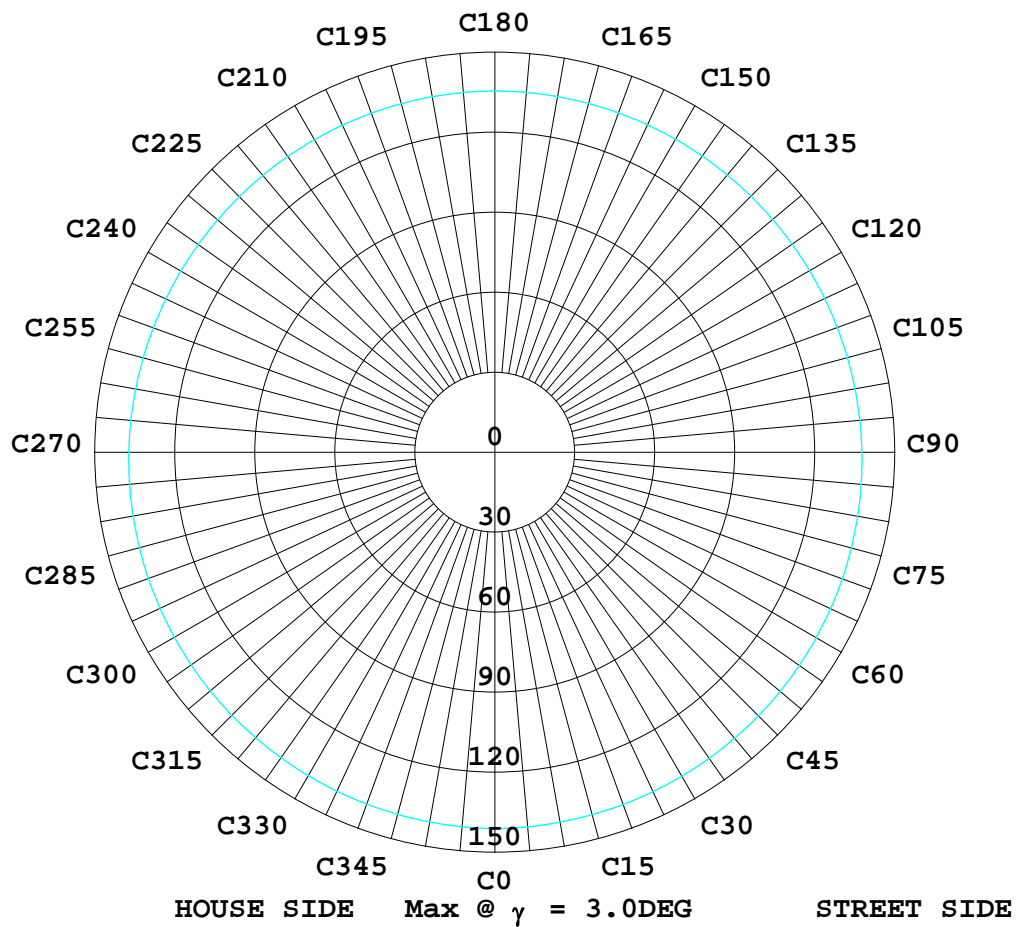
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Operators:  
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Remarks:



## Uncorrected UGR Table

Report number:

MANUFACTURER: LITIAN						Address:				
NAME: LT-YZ-300-10w						TYPE:			WEIGHT:	
SPECIFICATION:						DIMENSION:			SERIAL No.:	
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.0	17.6	16.3	17.8	18.0	15.6	17.2	15.9	17.4	17.6
3H	18.0	19.5	18.3	19.7	20.0	17.2	18.7	17.5	18.9	19.2
4H	18.7	20.1	19.0	20.3	20.6	17.8	19.2	18.1	19.5	19.7
6H	19.0	20.3	19.3	20.6	20.9	18.3	19.6	18.6	19.9	20.2
8H	19.1	20.4	19.4	20.7	20.9	18.5	19.8	18.9	20.1	20.4
12H	19.2	20.4	19.5	20.7	21.0	18.7	19.9	19.0	20.2	20.5
4H 2H	16.8	18.1	17.1	18.4	18.7	16.5	17.9	16.8	18.1	18.4
3H	18.9	20.1	19.3	20.4	20.7	18.2	19.5	18.6	19.8	20.1
4H	19.6	20.8	20.0	21.1	21.4	18.9	20.0	19.3	20.3	20.7
6H	20.1	21.0	20.5	21.4	21.8	19.5	20.5	19.9	20.9	21.2
8H	20.2	21.1	20.6	21.5	21.9	19.8	20.7	20.2	21.1	21.5
12H	20.3	21.1	20.7	21.5	21.9	20.0	20.9	20.5	21.3	21.7
8H 4H	19.9	20.8	20.3	21.2	21.5	19.2	20.1	19.6	20.5	20.9
6H	20.4	21.2	20.9	21.6	22.0	20.0	20.7	20.4	21.1	21.6
8H	20.6	21.3	21.1	21.7	22.1	20.4	21.0	20.8	21.5	21.9
12H	20.7	21.3	21.2	21.8	22.3	20.7	21.3	21.2	21.8	22.2
12H 4H	19.9	20.7	20.3	21.1	21.5	19.2	20.1	19.7	20.5	20.9
6H	20.5	21.1	20.9	21.6	22.0	20.0	20.7	20.5	21.1	21.6
8H	20.7	21.3	21.2	21.7	22.2	20.5	21.0	20.9	21.5	22.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 461.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

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