

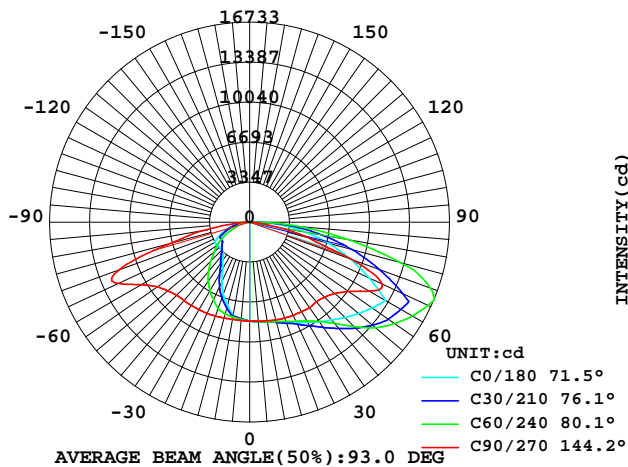
# STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

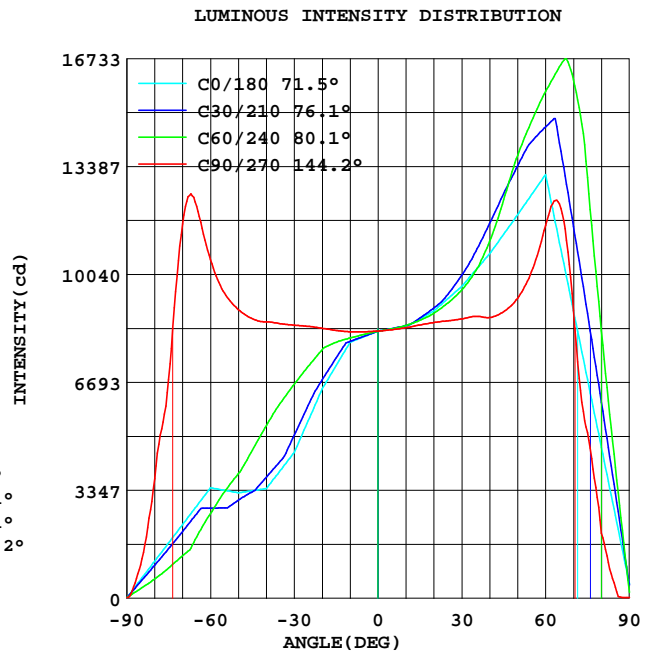
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:	飞利浦	Imax(cd):	16833	Effective Flux(lm):	41772.7
NOMINAL POWER(W):	300	MAXIMUM(C, γ):	120, 68.5	EEI	0.097
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.1
NOMINAL FLUX(lm):	42589.1	η street_up(%):	0.0	Current(A)	1.374
TEST FLUX(lm):	42589	η street_down(%):	49.5	Power(W)	297.6
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.988
TOTAL FLUX(lm):	42589	η house_down(%):	50.5	EEFICIENCY(lm/W)	143.1

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年11月28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: LI TIAN	Address:	
NAME: L TOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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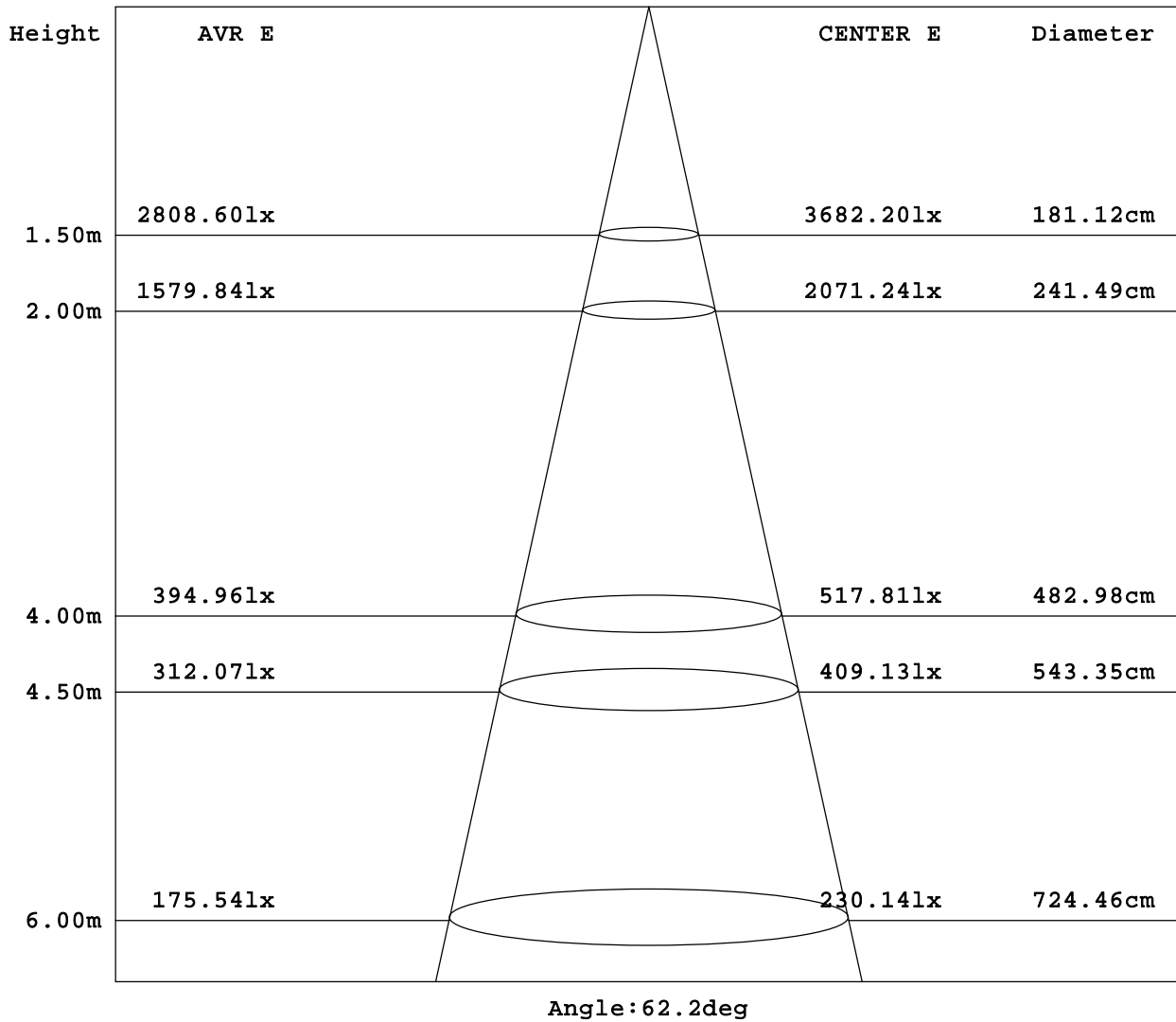
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Temperature:25.3DEG  
Operators:  
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Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
Temperature: 25.3DEG  
Operators:  
Test Date: 2018年11月28日

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

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	811.3	814.8	826.4	831.4	835.0	836.2	832.6	818.2	0- 5	197.6	197.6
10.0	794.1	800.6	826.4	836.3	841.5	846.5	838.9	805.7	5- 10	589.7	787.3
15.0	721.7	775.8	830.4	848.1	866.2	864.3	847.5	780.8	10- 15	972.4	1760
20.0	649.3	715.8	837.1	875.2	890.8	896.9	855.1	720.5	15- 20	1335	3095
25.0	550.8	652.3	843.1	907.2	929.0	931.9	860.4	655.5	20- 25	1673	4768
30.0	452.2	577.4	846.7	957.6	967.1	988.6	866.3	579.5	25- 30	1983	6751
35.0	396.2	495.6	851.5	1034	1018	1076	874.3	496.4	30- 35	2285	9036
40.0	340.2	418.4	856.9	1131	1068	1177	870.5	414.6	35- 40	2602	11638
45.0	333.7	367.7	866.4	1248	1129	1285	888.6	359.6	40- 45	2943	14581
50.0	327.1	314.6	894.8	1374	1189	1403	930.2	302.7	45- 50	3337	17918
55.0	334.8	271.3	945.8	1463	1252	1483	1014	255.8	50- 55	3748	21665
60.0	342.5	227.2	1049	1541	1314	1556	1156	208.0	55- 60	4147	25813
65.0	285.6	213.2	1215	1586	1102	1605	1223	200.4	60- 65	4442	30255
70.0	228.7	183.9	1161	1472	890.9	1494	891.9	173.6	65- 70	4323	34578
75.0	171.8	135.7	678.5	1138	679.4	1156	513.6	126.3	70- 75	3558	38136
80.0	114.9	89.41	370.8	782.2	467.9	794.1	202.3	82.02	75- 80	2516	40652
85.0	58.10	45.22	103.4	409.0	256.5	415.9	34.16	41.09	80- 85	1437	42089
90.0	1.223	1.973	1.885	27.46	45.05	30.18	2.568	2.061	85- 90	500.3	42589
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: $\times 10\text{cd}$									UNIT:lm	

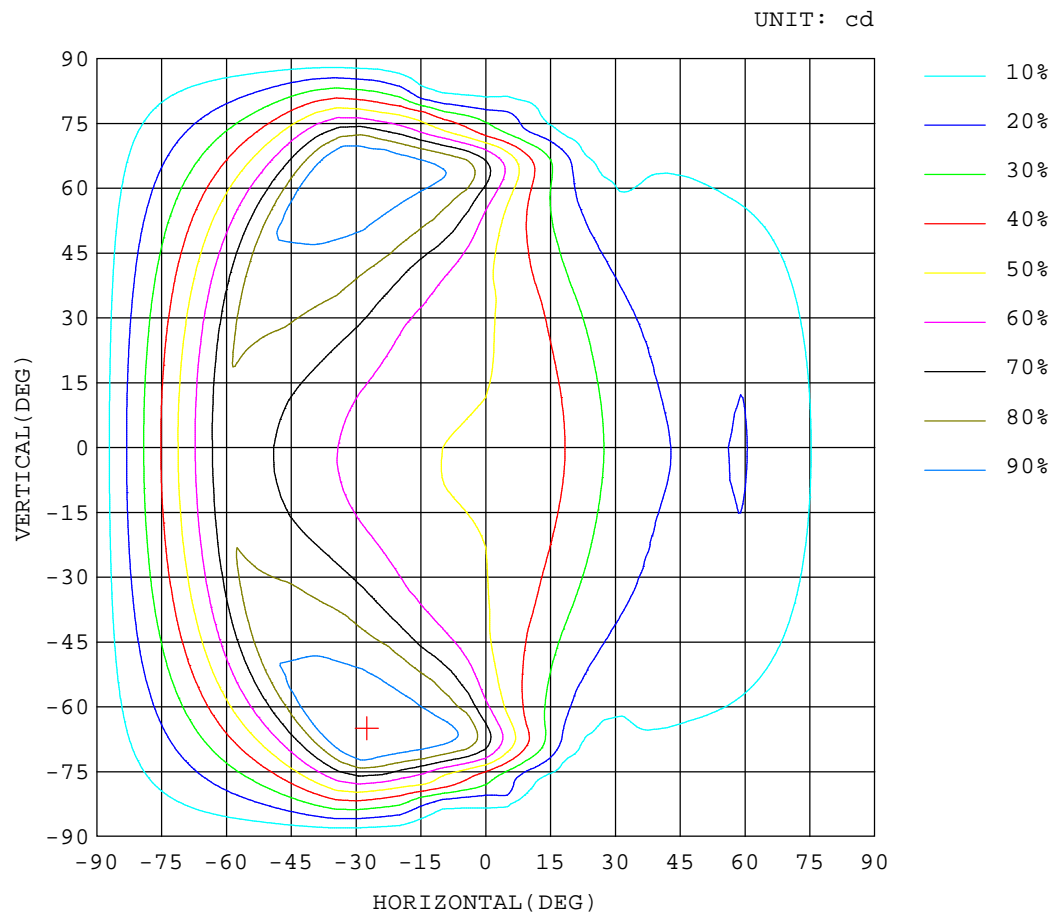
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 Operators:  
 Test Date:2018年11月28日

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## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: L TOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月28日

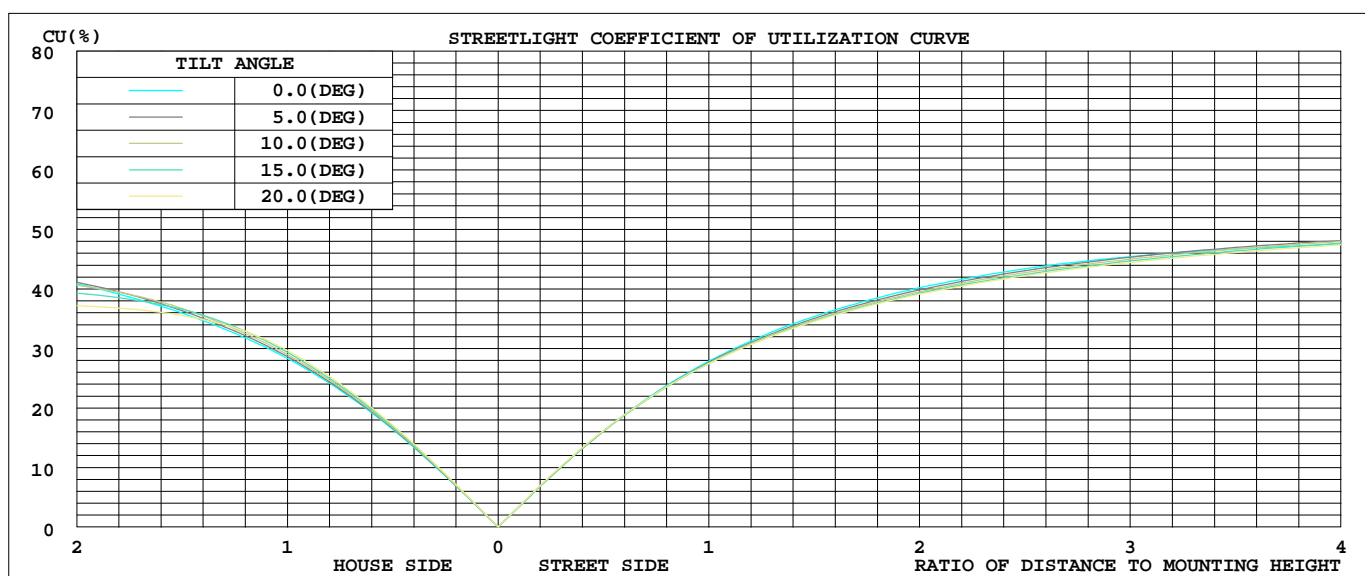
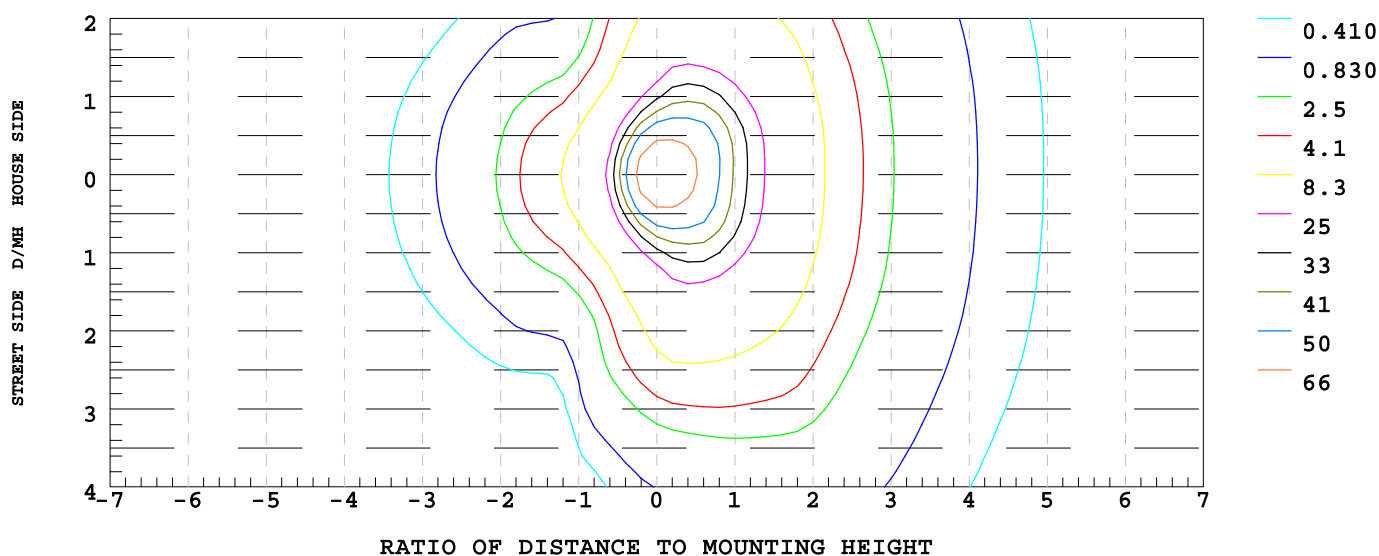
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Test Distance:10.500 m  
Remarks:

# ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-T4	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 82.85 lx



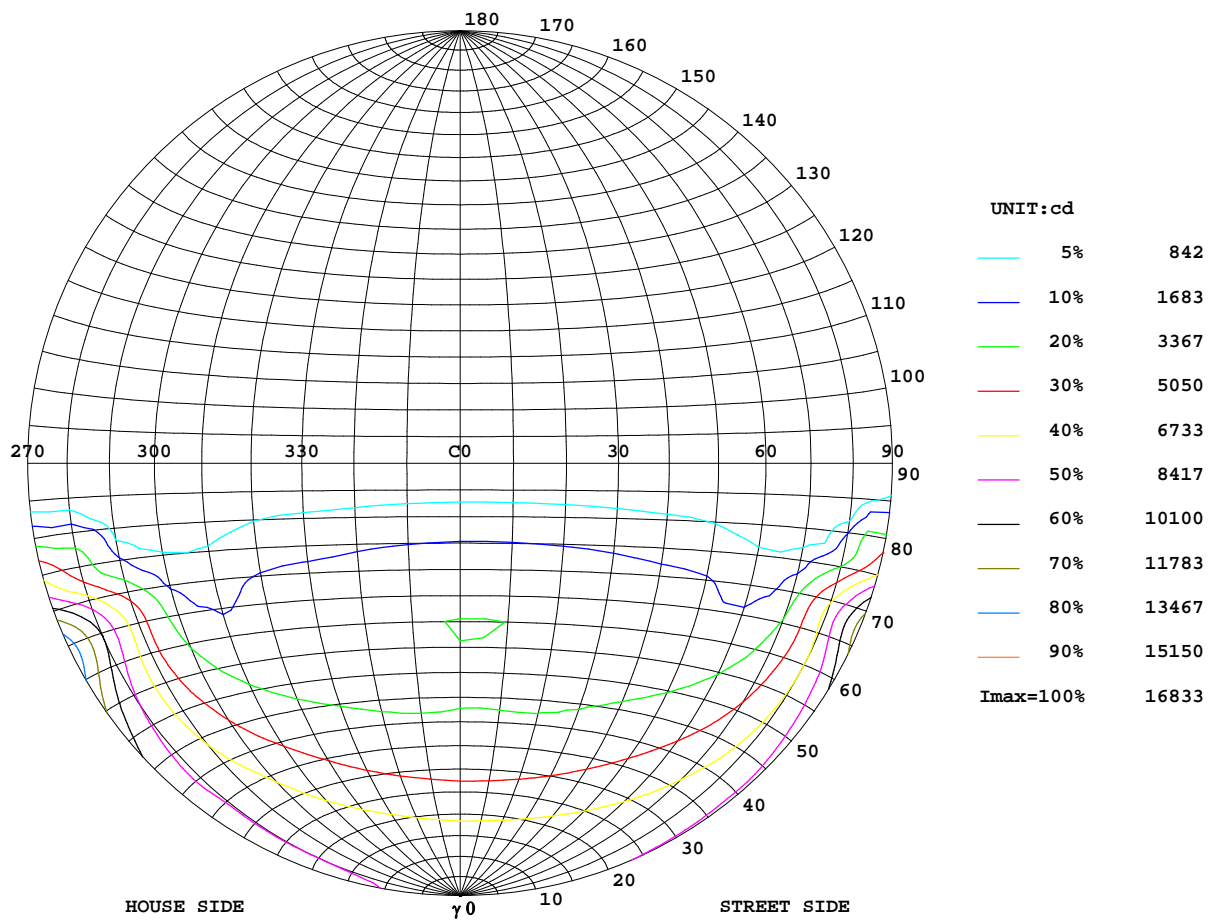
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Test System:HOP00 HPG1900  
Temperature:25.3DEG  
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Remarks:

## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-300W-T4						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				
x = 2H y = 2H						Viewed endwise				
3H						24.0	25.8	24.3	26.0	26.3
4H						26.3	27.9	26.6	28.2	28.4
6H						27.2	28.7	27.5	29.0	29.3
8H						27.9	29.4	28.2	29.7	30.0
12H						28.1	29.6	28.5	29.9	30.2
4H 2H						28.4	29.8	28.7	30.1	30.4
3H						28.3	30.0	28.5	30.3	30.5
4H						32.5	34.1	32.8	34.4	34.7
6H						33.7	35.2	34.0	35.5	35.8
8H						34.4	35.9	34.8	36.2	36.5
12H						34.7	36.1	35.0	36.4	36.8
4H 4H						34.8	36.2	35.1	36.5	36.8
3H						28.1	29.7	28.5	30.0	30.3
4H						24.6	26.2	24.9	26.4	26.7
6H						27.0	28.4	27.3	28.7	29.0
8H						28.0	29.3	28.4	29.7	30.0
12H						28.9	30.1	29.3	30.5	30.8
4H 8H						29.3	30.4	29.7	30.8	31.2
3H						29.6	30.6	30.0	31.0	31.4
4H						34.6	35.7	35.1	36.1	36.5
6H						28.2	29.3	28.7	29.7	30.1
8H						29.3	30.3	29.8	30.7	31.1
12H						29.8	30.7	30.3	31.1	31.5
4H 12H						30.2	31.0	30.7	31.4	31.9
3H						33.4	34.5	33.8	34.8	35.2
4H						34.2	35.1	34.7	35.5	36.0
6H						28.2	29.3	28.7	29.6	30.1
8H						29.4	30.2	29.9	30.6	31.1
12H						29.9	30.6	30.4	31.1	31.6
4H 12H						33.3	34.4	33.8	34.7	35.2
3H						34.2	35.0	34.7	35.4	35.9
4H						34.5	35.2	35.0	35.7	36.1
Variations with the observer position at spacings:										
S = 1.0H		+ 0.2 / - 0.2				+ 0.7 / - 0.4				
1.5H		+ 0.2 / - 0.2				+ 1.8 / - 2.0				
2.0H		+ 0.4 / - 0.5				+ 2.8 / - 3.7				

CIE Pub.117 Corrected 42589 lm Total Lamp Luminous Flux.(8log(F/F0) = 13.0)

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