

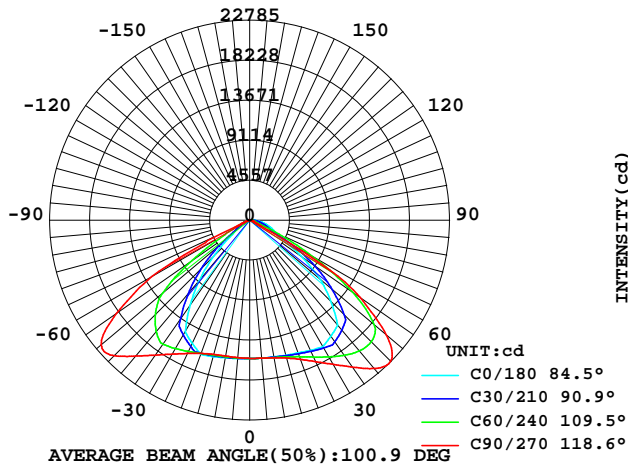
# STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

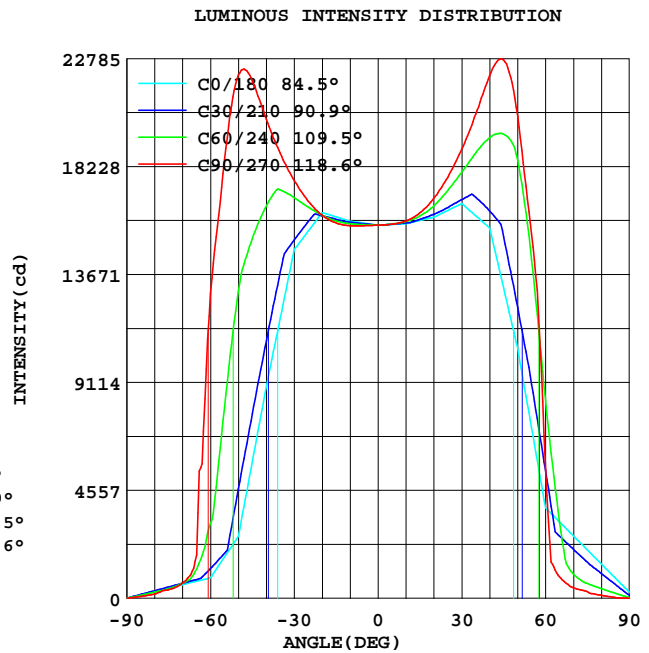
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-90X120	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:	飞利浦	Imax(cd):	22785	Effective Flux(lm):	44941.7
NOMINAL POWER(W):	300	MAXIMUM(C, γ):	270, 44.0	EEI	0.090
RATED VOLTAGE(V):	218	EFFICIENCY(%):	100.0	Voltage(V)	219.0
NOMINAL FLUX(lm):	46849.1	η street_up(%):	0.0	Current(A)	1.379
TEST FLUX(lm):	46849	η street_down(%):	50.1	Power(W)	298.3
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.988
TOTAL FLUX(lm):	46849	η house_down(%):	49.9	EEFICIENCY(lm/W)	157.0

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-90X120	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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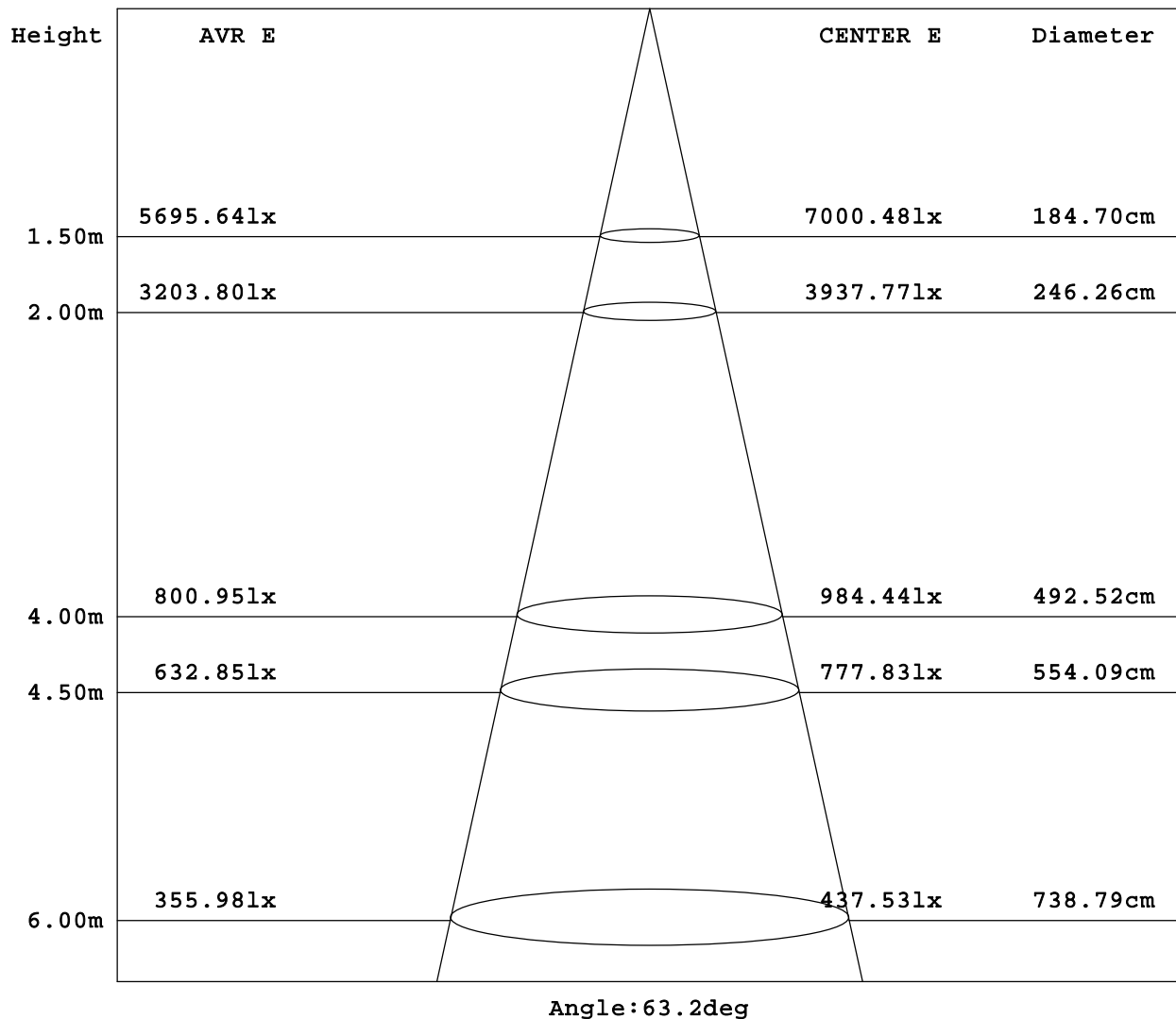
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年11月28日

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## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-90X120	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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 Humidity: 65.0%  
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 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-90X120	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	1583	1579	1573	1576	1578	1580	1579	1584	0- 5	377.2	377.2
10.0	1592	1585	1573	1577	1581	1587	1593	1596	5- 10	1132	1509
15.0	1610	1595	1584	1583	1595	1603	1627	1615	10- 15	1891	3400
20.0	1628	1612	1617	1602	1609	1637	1690	1644	15- 20	2664	6064
25.0	1550	1633	1676	1629	1638	1680	1778	1676	20- 25	3448	9512
30.0	1472	1608	1764	1667	1666	1729	1897	1656	25- 30	4221	13733
35.0	1184	1530	1878	1711	1615	1775	2046	1576	30- 35	4932	18665
40.0	895.0	1398	2021	1735	1563	1792	2206	1435	35- 40	5466	24130
45.0	578.5	1091	2184	1663	1309	1700	2273	1122	40- 45	5751	29881
50.0	262.0	762.7	2208	1548	1055	1558	2037	783.5	45- 50	5563	35444
55.0	174.3	439.0	1852	1221	718.1	1220	1538	430.3	50- 55	4705	40149
60.0	86.64	143.2	1289	852.7	381.6	804.9	543.1	124.0	55- 60	3249	43398
65.0	72.28	95.22	183.4	404.9	322.4	364.4	91.20	84.43	60- 65	1591	44989
70.0	57.92	63.12	64.91	135.5	263.1	131.1	44.15	58.28	65- 70	721.3	45710
75.0	43.55	46.50	36.42	95.45	203.8	94.65	27.58	42.63	70- 75	483.5	46194
80.0	29.19	30.53	18.08	62.30	144.6	63.07	12.64	28.17	75- 80	348.2	46542
85.0	14.83	15.32	7.915	33.70	85.34	33.80	3.351	14.20	80- 85	216.1	46758
90.0	0.474	0.441	0.717	6.692	26.07	6.339	1.047	0.529	85- 90	91.00	46849
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	

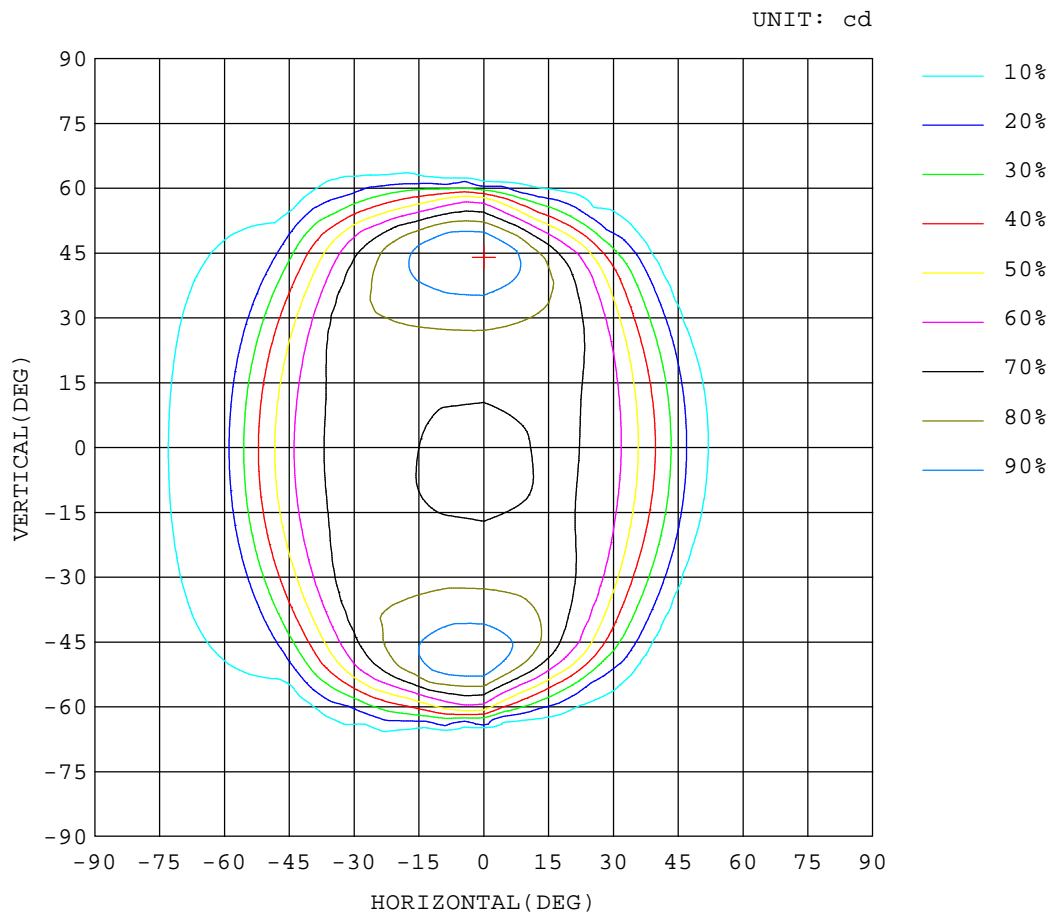
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 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年11月28日

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## ISOCANDELA DIAGRAM

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NAME: LTOK-300W-90X120	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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

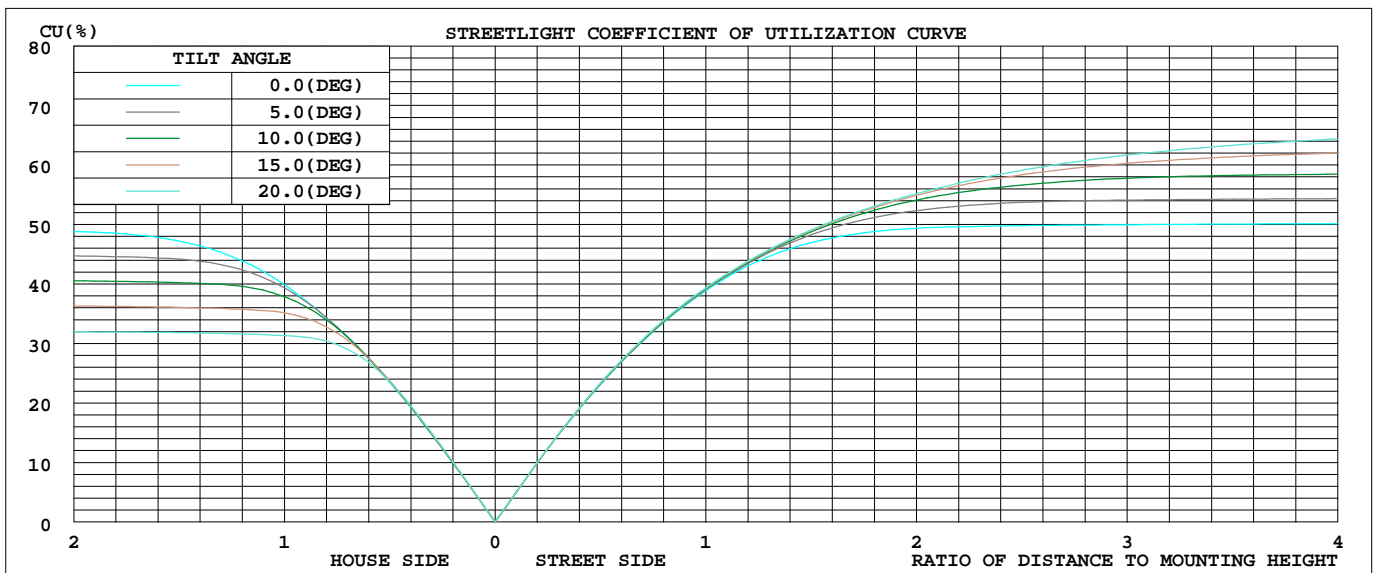
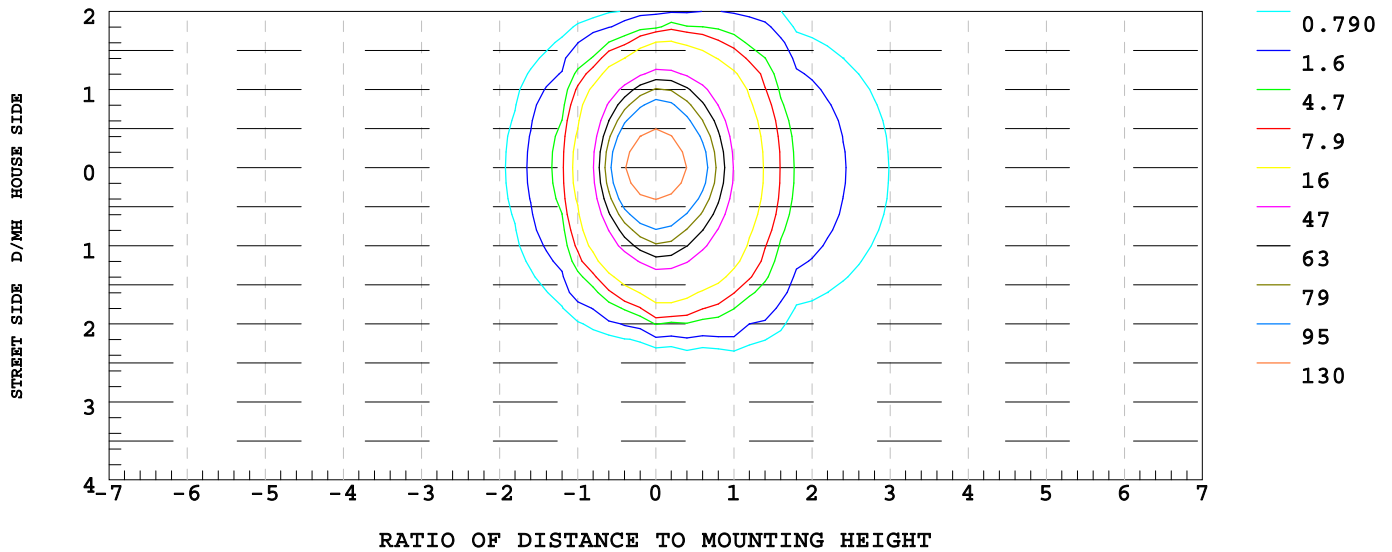
Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-300W-90X120	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 157.51 lx



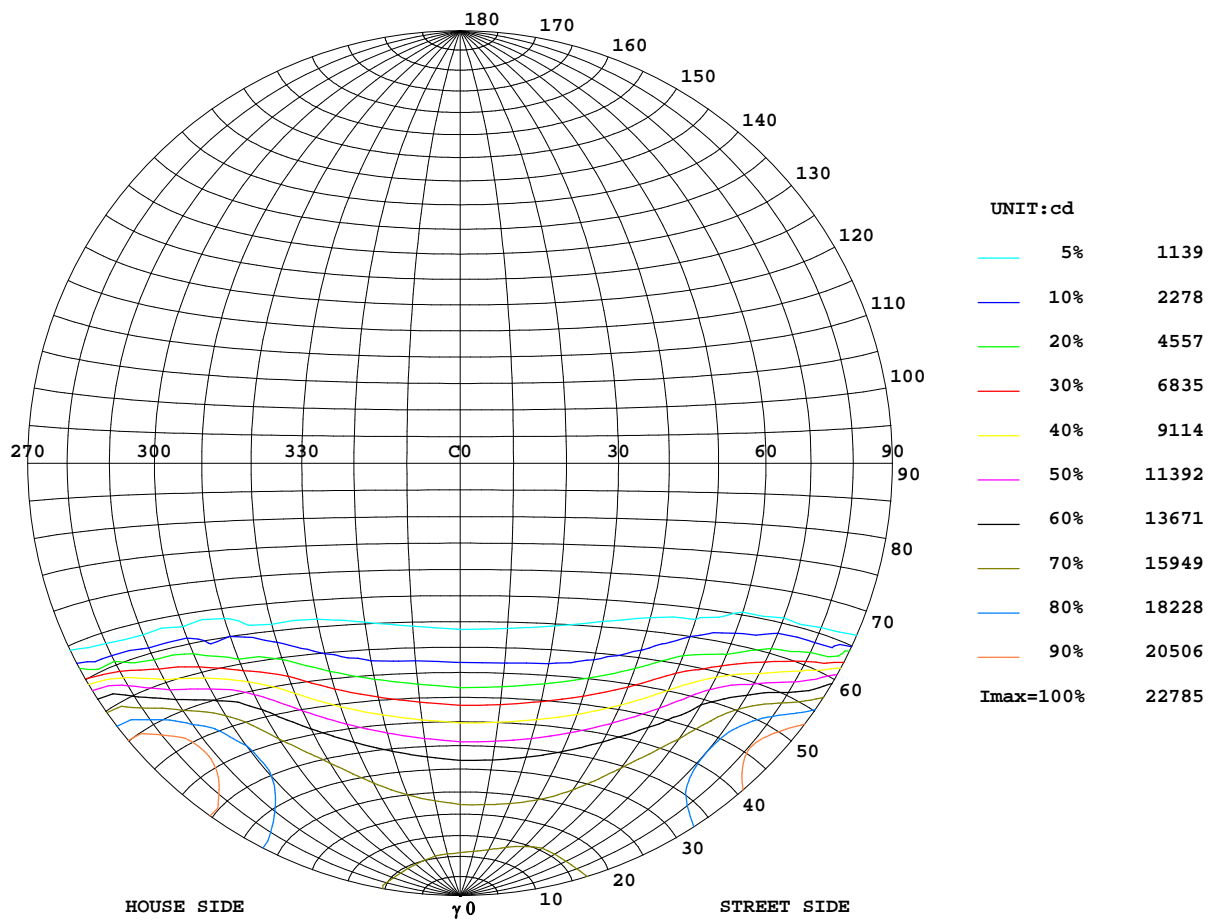
Test System:HOP00 HPG1900  
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Operators:  
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Remarks:

## Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-300W-90X120						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						31.8	33.2	32.0	33.4	33.6
4H						31.6	32.9	31.9	33.1	33.4
6H						31.5	32.7	31.8	33.0	33.2
8H						31.4	32.6	31.8	32.8	33.1
12H						31.4	32.5	31.7	32.8	33.0
24.2 25.6 24.4 25.8 26.0						31.3	32.4	31.7	32.7	33.0
4H 2H						31.5	32.7	31.8	33.0	33.2
3H						31.3	32.4	31.7	32.7	33.0
4H						31.3	32.2	31.6	32.5	32.9
6H						31.2	32.0	31.6	32.4	32.7
8H						31.2	31.9	31.6	32.3	32.7
12H						31.1	31.8	31.5	32.2	32.6
8H 4H						31.2	31.9	31.6	32.3	32.7
6H						31.1	31.7	31.5	32.1	32.6
8H						31.1	31.6	31.5	32.0	32.5
12H						31.0	31.5	31.5	32.0	32.4
12H 4H						31.1	31.8	31.5	32.2	32.6
6H						31.1	31.6	31.5	32.0	32.5
8H						31.0	31.5	31.5	32.0	32.4
Variations with the observer position at spacings:										
S = 1.0H		+ 1.7 / - 3.3				+ 1.3 / - 1.0				
1.5H		+ 1.9 / - 3.2				+ 3.1 / - 4.1				
2.0H		+ 2.8 / - 3.0				+ 4.0 / - 9.1				

CIE Pub.117 Corrected 46849 lm Total Lamp Luminous Flux.(8log(F/F0) = 13.4)

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