

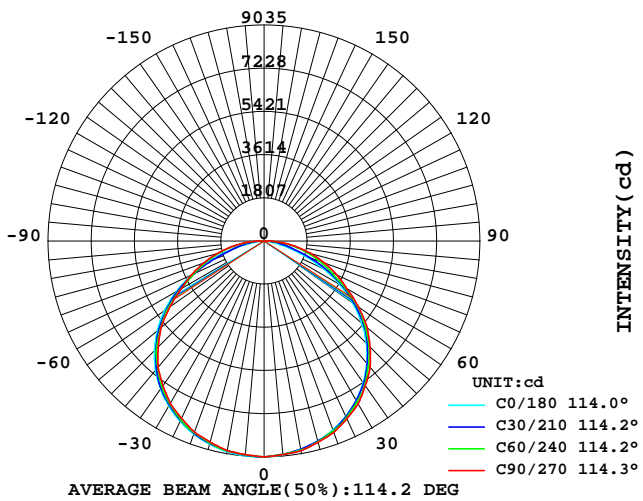
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

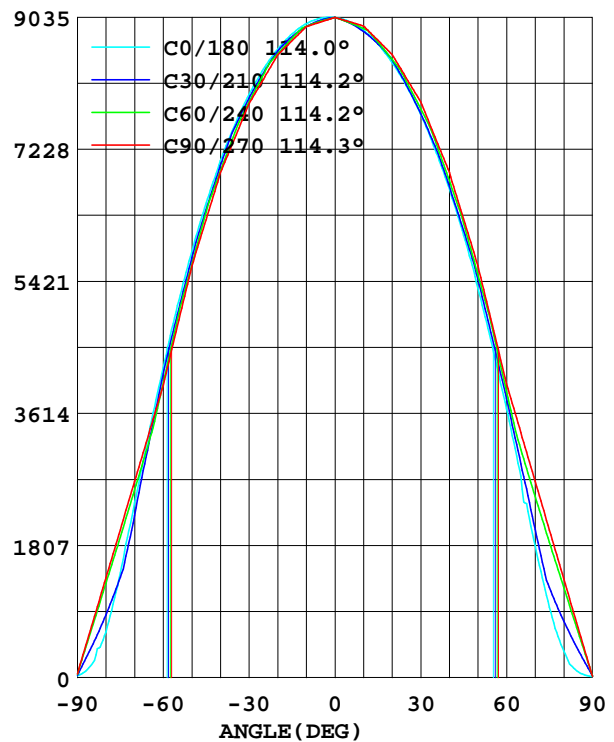
MANUFACTURER: LT TIAN LIGHTING	Address:	
NAME: LTC-200W-50K-UNV	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	9035	S/MH(C0/180)	1.31
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	194	TOTAL FLUX(lm)	26200	Voltage(V)	219.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	137.0	Current(A)	0.889
NOMINAL FLUX(lm)	26199.8	η up(%)	0.0	Power(W)	191.1
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.980
TEST VOLTAGE(V)	219.3	Effective Flux(lm)	25781.6	EEI	0.101

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年12月04日

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

Color Temperature Data List

Report number:

MANUFACTURER: LT TIAN	Address:	
NAME: LTC-200W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

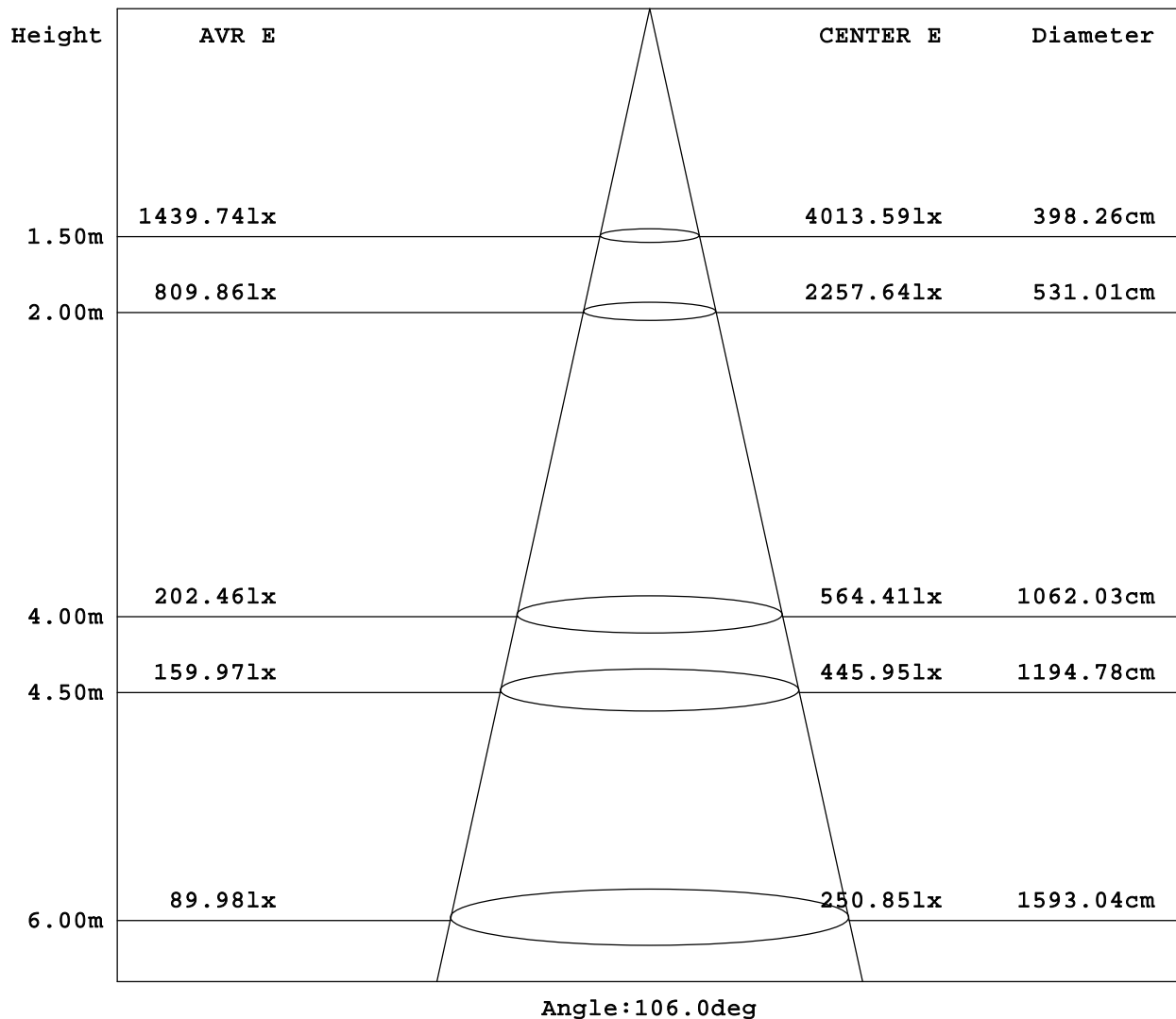
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Temperature:25.3DEG
Operators:
Test Date:2018年12月04日

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LT TIAN	Address:	
NAME: LTC-200W	TYPE:	WEIGHT:
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Test System:HOP00 HPG1900
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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LT TIAN	Address:	
NAME: LTC-200W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	9019	8985	8968	8955	8976	8958	8973	8989	0- 5	215.1	215.1
10.0	8947	8905	8906	8850	8857	8856	8915	8912	5- 10	638.9	854.0
15.0	8805	8773	8712	8692	8669	8701	8720	8783	10- 15	1045	1899
20.0	8594	8538	8517	8427	8411	8434	8525	8546	15- 20	1419	3318
25.0	8326	8273	8184	8124	8097	8132	8200	8282	20- 25	1751	5069
30.0	7977	7915	7851	7740	7701	7747	7875	7929	25- 30	2029	7097
35.0	7556	7466	7379	7278	7225	7292	7393	7487	30- 35	2242	9340
40.0	7072	6974	6906	6777	6684	6797	6911	7002	35- 40	2379	11719
45.0	6492	6366	6266	6134	6051	6150	6272	6393	40- 45	2434	14153
50.0	5825	5732	5627	5474	5323	5489	5633	5753	45- 50	2397	16550
55.0	5090	4921	4812	4674	4535	4696	4825	4935	50- 55	2263	18813
60.0	4244	4086	3998	3863	3678	3893	4018	4094	55- 60	2031	20844
65.0	3335	3142	3340	2943	2755	2979	3351	3155	60- 65	1726	22570
70.0	2389	2333	2681	2175	1801	2216	2684	2342	65- 70	1382	23952
75.0	1436	1725	2023	1594	963.2	1624	2017	1725	70- 75	1026	24978
80.0	624.4	1142	1365	1055	364.5	1070	1349	1137	75- 80	688.4	25666
85.0	176.6	586.1	706.9	541.2	80.26	539.6	682.2	575.4	80- 85	395.0	26061
90.0	22.05	41.12	48.73	44.98	13.89	23.81	15.10	24.36	85- 90	138.3	26200
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	

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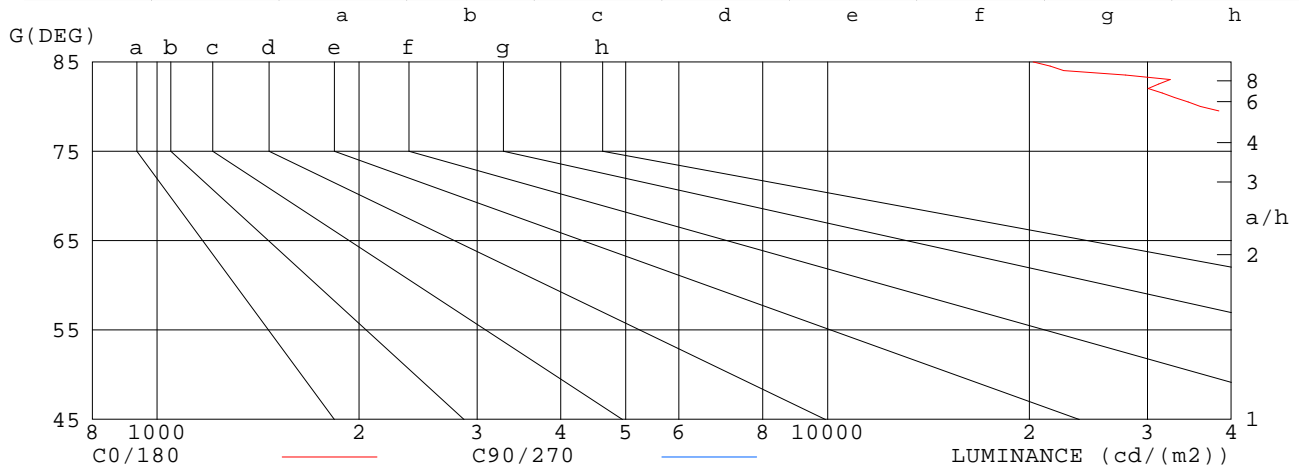
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LT TIAN	Address:	
NAME: LTC-200W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	20265	81108
80	35961	78612
75	55487	78172
70	69853	78400
65	78912	79022
60	84873	79956
55	88738	83899
50	90625	87536
45	91809	88620

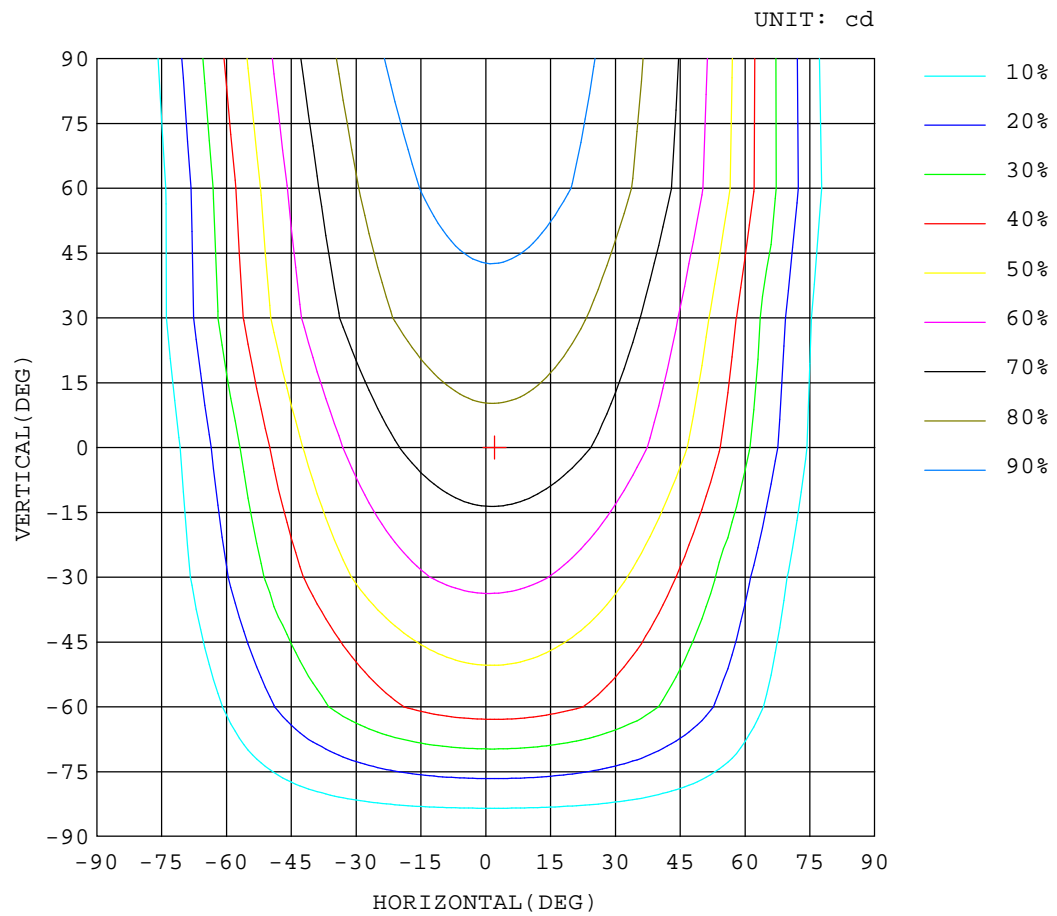
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ISOCANDELA DIAGRAM

Report number:

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Uncorrected UGR Table

Report number:

MANUFACTURER: LT TIAN						Address:				
NAME: LTC-200W						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	28.5	30.0	28.8	30.2	30.4	28.3	29.9	28.6	30.1	30.3
3H	29.8	31.2	30.1	31.4	31.7	29.9	31.3	30.2	31.6	31.8
4H	30.2	31.5	30.5	31.8	32.0	30.7	32.0	31.0	32.3	32.5
6H	30.3	31.6	30.6	31.8	32.1	31.3	32.6	31.6	32.8	33.1
8H	30.3	31.5	30.7	31.8	32.1	31.5	32.8	31.9	33.0	33.3
12H	30.3	31.5	30.6	31.8	32.1	31.7	32.9	32.1	33.2	33.5
4H 2H	29.0	30.4	29.3	30.6	30.9	28.9	30.2	29.2	30.5	30.7
3H	30.4	31.6	30.8	31.9	32.2	30.7	31.9	31.1	32.2	32.5
4H	30.9	32.0	31.3	32.3	32.6	31.6	32.6	32.0	33.0	33.3
6H	31.1	32.1	31.5	32.4	32.8	32.4	33.3	32.8	33.7	34.0
8H	31.1	32.0	31.5	32.4	32.8	32.7	33.6	33.1	33.9	34.3
12H	31.1	31.9	31.5	32.3	32.7	32.9	33.8	33.4	34.1	34.5
8H 4H	31.2	32.1	31.6	32.4	32.8	31.8	32.7	32.2	33.1	33.4
6H	31.5	32.3	32.0	32.7	33.1	32.8	33.5	33.2	33.9	34.4
8H	31.6	32.3	32.1	32.7	33.1	33.2	33.9	33.7	34.3	34.8
12H	31.6	32.2	32.1	32.6	33.1	33.6	34.2	34.1	34.6	35.1
12H 4H	31.2	32.0	31.7	32.4	32.8	31.8	32.6	32.2	33.0	33.4
6H	31.6	32.3	32.1	32.7	33.2	32.8	33.5	33.3	33.9	34.4
8H	31.8	32.3	32.3	32.8	33.3	33.3	33.9	33.8	34.3	34.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 26200 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.3)

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