

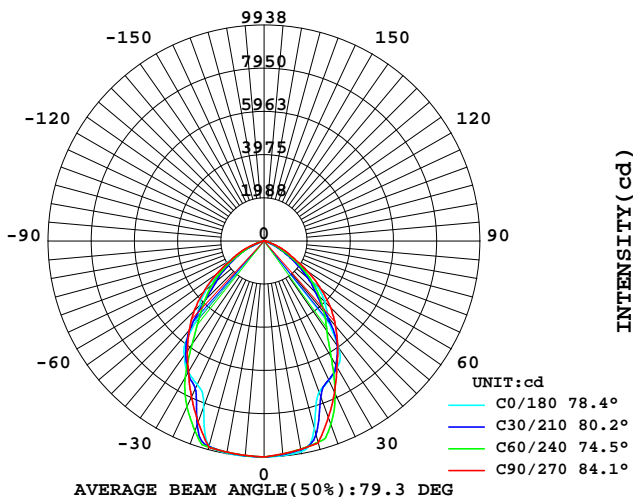
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

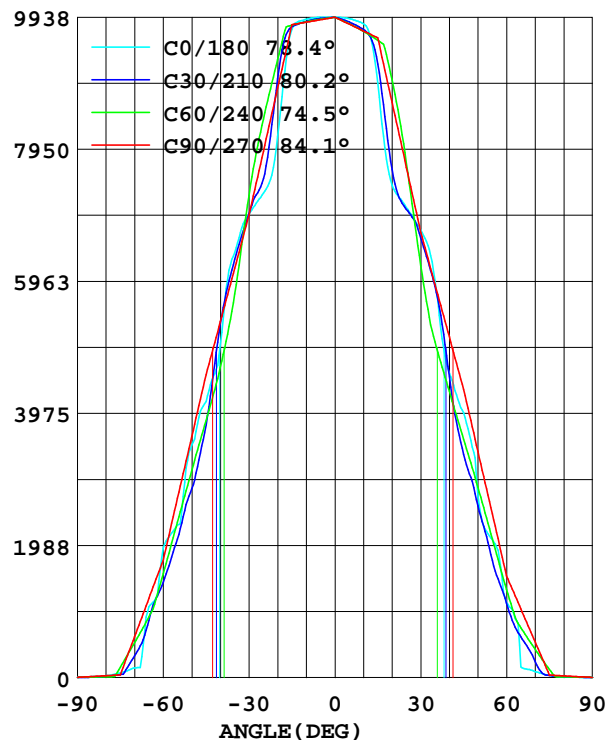
MANUFACTURER: LI TIAN	Address:	
NAME: 新款工矿灯200W无透镜	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	9938	S/MH(C0/180)	1.05
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.08
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	16727	Voltage(V)	219.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	83.6	Current(A)	0.929
NOMINAL FLUX(lm)	16727.5	η up(%)	0.0	Power(W)	200.1
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.982
TEST VOLTAGE(V)	219.3	Effective Flux(lm)	16204.5	EEI	0.168

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年06月21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:	
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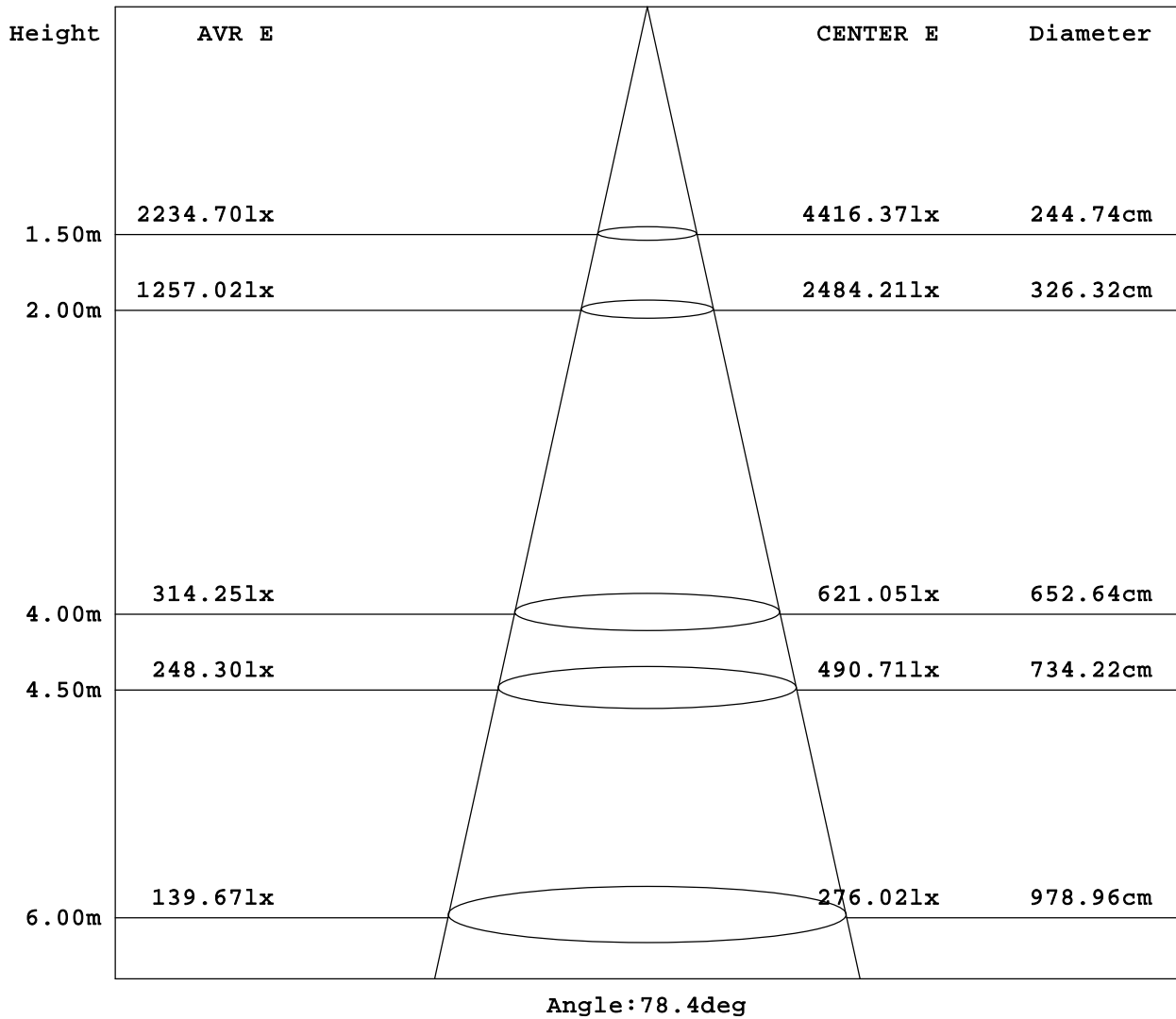
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Temperature:25.3DEG  
Operators:  
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

Report number:

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NAME: 新款工矿灯200W无透镜	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	9937	9912	9900	9896	9914	9849	9833	9865	0- 5	236.8	236.8
10.0	9905	9871	9862	9824	9839	9731	9730	9777	5- 10	704.5	941.3
15.0	9759	9802	9825	9697	8950	9531	9626	9661	10- 15	1153	2095
20.0	8142	9681	8870	8984	7405	8598	8652	9506	15- 20	1504	3599
25.0	7290	8191	7915	7214	7073	6930	7678	8089	20- 25	1691	5289
30.0	6973	6548	6961	6252	6737	6083	6704	6403	25- 30	1811	7101
35.0	6395	5721	6160	5554	5971	5379	5915	5561	30- 35	1871	8972
40.0	5000	4995	5360	4841	4578	4629	5126	4845	35- 40	1818	10790
45.0	4157	4073	4560	3901	3986	3656	4337	3986	40- 45	1640	12430
50.0	3499	3026	3629	2803	2735	2566	3401	2948	45- 50	1421	13852
55.0	2297	2116	2698	2049	2075	1907	2466	2042	50- 55	1126	14978
60.0	1954	1463	1767	1356	1131	1217	1530	1372	55- 60	830.1	15808
65.0	1068	803.0	1191	667.4	161.7	581.5	1033	714.4	60- 65	527.0	16335
70.0	145.3	350.2	615.8	283.0	90.51	269.8	535.5	309.5	65- 70	265.7	16601
75.0	68.57	148.1	40.24	129.7	34.28	127.9	38.25	141.5	70- 75	99.43	16700
80.0	26.23	7.747	28.26	7.439	10.25	8.600	26.34	7.639	75- 80	18.15	16718
85.0	14.55	5.684	16.28	5.604	5.071	6.378	14.44	5.741	80- 85	6.171	16724
90.0	7.056	3.638	4.299	3.858	2.866	4.189	2.535	3.969	85- 90	3.107	16727
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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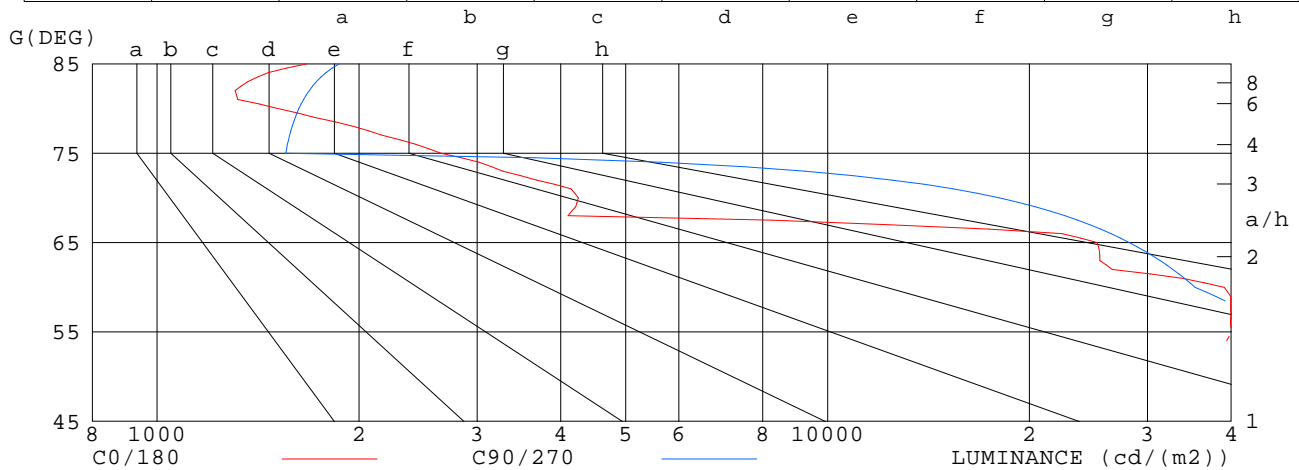
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: 新款工矿灯200W无透镜	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	1670	1868
80	1511	1627
75	2650	1555
70	4249	18005
65	25260	28191
60	39081	35340
55	40054	47038
50	54433	56456
45	58790	64487

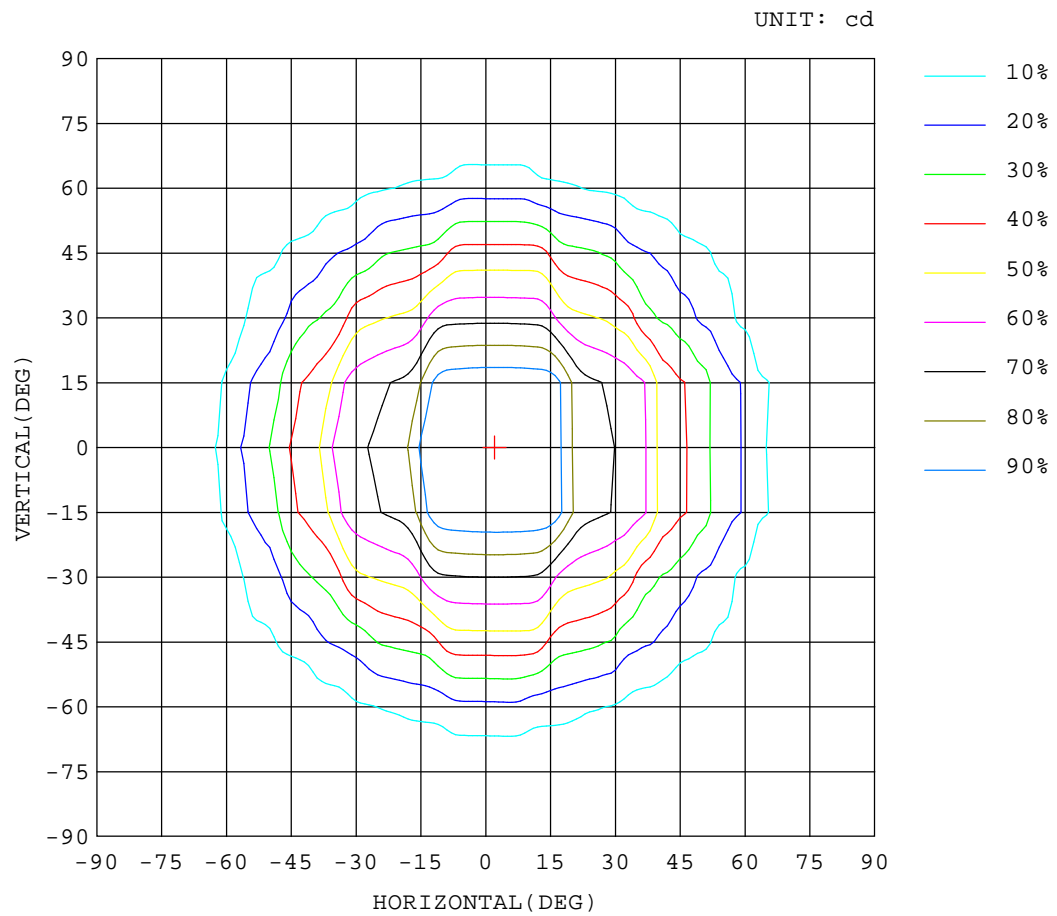
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## ISOCANDELA DIAGRAM

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## Uncorrected UGR Table

Report number:

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NAME: 新款工矿灯200W无透镜						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						25.1	26.3	25.3	26.5	26.7
4H						25.4	26.7	25.7	26.9	27.1
6H						25.8	27.0	26.1	27.2	27.4
8H						25.8	26.9	26.1	27.1	27.3
12H						25.7	26.7	26.0	26.9	27.2
4H 2H						25.6	26.6	25.9	26.9	27.1
4H 3H						25.6	26.5	25.9	26.8	27.1
4H 4H						25.5	26.6	25.8	26.8	27.0
4H 6H						25.9	26.9	26.3	27.1	27.4
4H 8H						25.9	26.7	26.2	27.0	27.3
4H 12H						25.9	26.5	26.2	26.9	27.2
8H 4H						25.8	26.4	26.1	26.8	27.2
8H 6H						25.7	26.2	26.1	26.6	27.0
8H 8H						25.6	26.1	26.1	26.5	27.0
8H 12H						25.6	26.0	26.1	26.4	26.9
12H 4H						25.7	26.3	26.1	26.7	27.1
12H 6H						25.6	26.1	26.1	26.5	27.0
12H 8H						25.6	26.0	26.1	26.4	26.9
Variations with the observer position at spacings:										
S = 1.0H		+ 1.2 / - 1.8				+ 0.8 / - 0.8				
1.5H		+ 1.1 / - 1.2				+ 0.9 / - 0.8				
2.0H		+ 2.1 / - 2.2				+ 2.3 / - 3.0				

CIE Pub.117 Corrected 16727 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.8)

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