

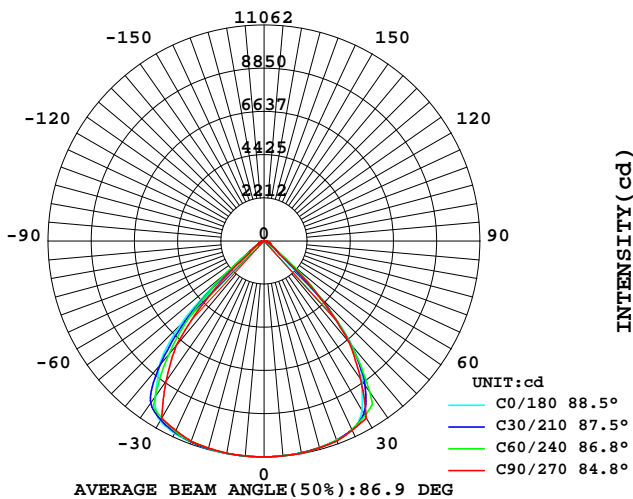
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

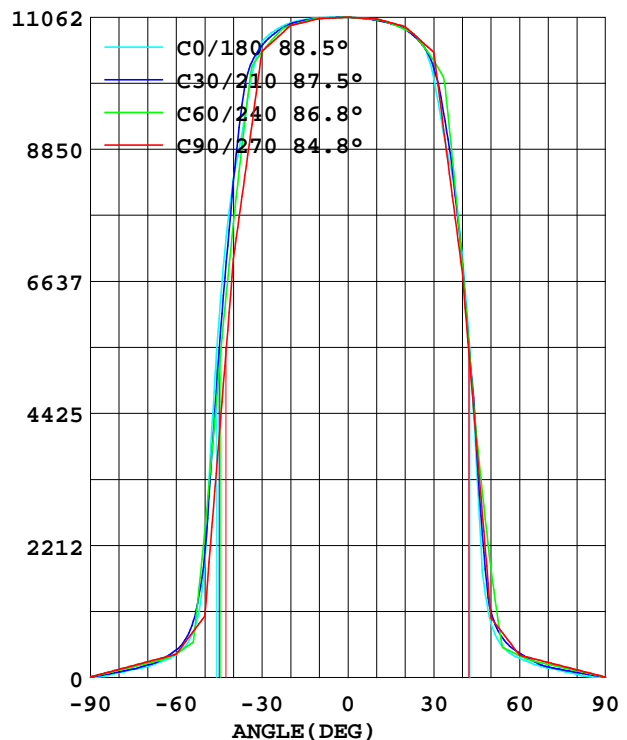
MANUFACTURER: LI TIAN	Address:	
NAME: 新款工矿灯140W无透镜	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	11062	S/MH(C0/180)	1.33
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	138	TOTAL FLUX(lm)	19494	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	141.0	Current(A)	0.645
NOMINAL FLUX(lm)	19494.0	η up(%)	0.0	Power(W)	138.3
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.976
TEST VOLTAGE(V)	219.6	Effective Flux(lm)	18477.0	EEI	0.102

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年06月20日

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

Color Temperature Data List

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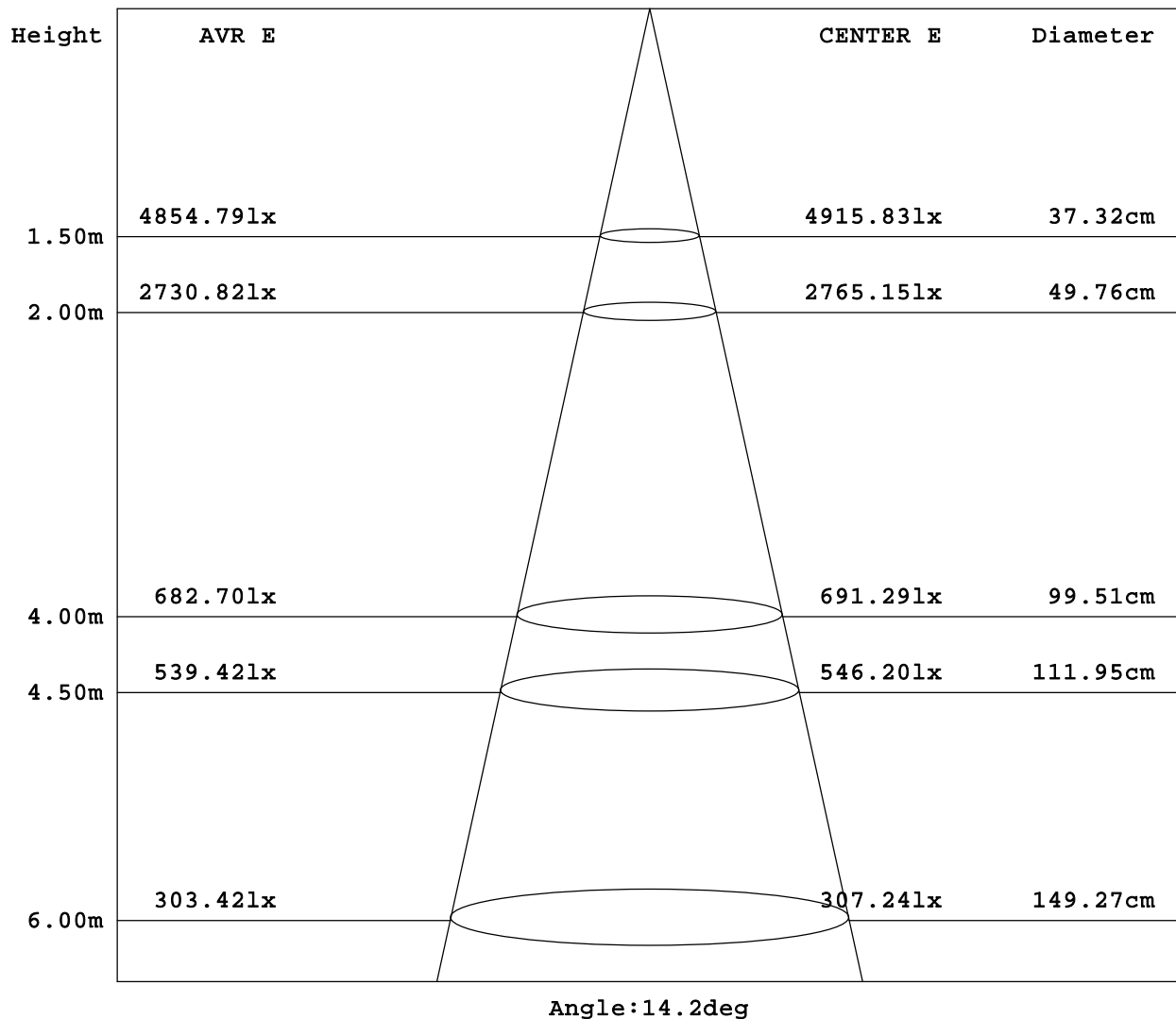
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1106	1105	1105	1104	1105	1104	1105	1105	0- 5	264.2	264.2
10.0	1105	1104	1104	1102	1102	1101	1103	1104	5- 10	789.8	1054
15.0	1102	1101	1098	1097	1097	1096	1097	1101	10- 15	1306	2360
20.0	1097	1092	1092	1086	1087	1084	1090	1092	15- 20	1804	4164
25.0	1086	1081	1071	1070	1070	1067	1069	1079	20- 25	2270	6434
30.0	1065	1053	1049	1034	1004	1030	1048	1051	25- 30	2680	9114
35.0	970.8	998.5	875.2	960.7	874.6	944.6	862.4	998.2	30- 35	2928	12041
40.0	835.7	879.9	701.3	792.7	706.7	755.3	677.3	880.2	35- 40	2822	14864
45.0	601.6	520.8	402.1	414.1	350.0	397.1	388.8	509.6	40- 45	2247	17111
50.0	190.7	165.5	102.9	114.3	90.71	111.2	100.2	147.1	45- 50	1198	18309
55.0	66.57	79.03	71.08	63.20	47.56	60.69	68.94	74.01	50- 55	428.5	18737
60.0	38.54	36.11	39.19	33.39	32.28	32.52	37.66	36.59	55- 60	230.8	18968
65.0	27.36	28.71	32.85	27.73	22.31	27.07	31.52	29.10	60- 65	164.8	19133
70.0	18.95	22.79	26.52	22.58	16.01	22.06	25.39	23.17	65- 70	130.1	19263
75.0	13.69	17.24	20.18	17.11	10.79	16.66	19.26	17.55	70- 75	99.97	19363
80.0	8.301	11.80	13.85	11.78	5.600	11.32	13.12	12.00	75- 80	71.22	19434
85.0	2.127	6.418	7.515	6.381	1.102	6.090	6.993	6.469	80- 85	42.78	19477
90.0	0.320	1.091	1.179	1.047	0.639	0.981	0.860	0.959	85- 90	16.86	19494
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:×10cd									UNIT:lm	

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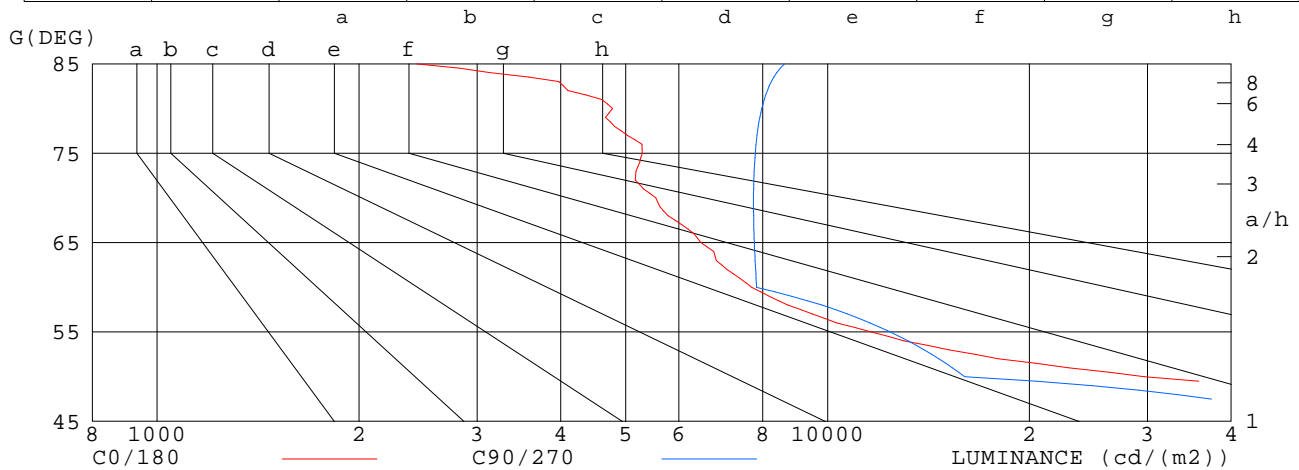
LUMINANCE LIMITATION CURVES

Report number:

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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	2441	8623
80	4781	7977
75	5291	7800
70	5541	7755
65	6475	7775
60	7709	7839
55	11608	12393
50	29678	16020
45	85089	56871

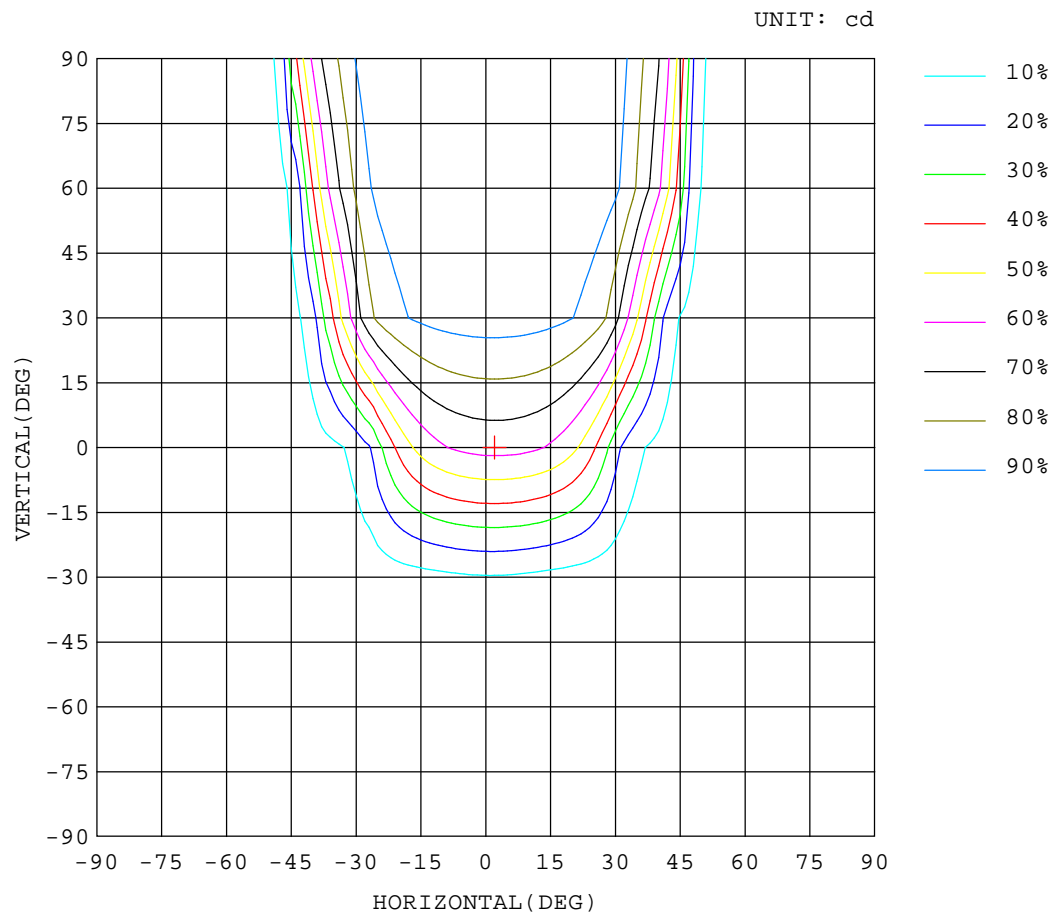
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ISOCANDELA DIAGRAM

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Uncorrected UGR Table

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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		24.4	25.5	24.6	25.7	25.9	23.6	24.8	23.8	24.9	25.1
3H		24.2	25.3	24.5	25.5	25.7	23.5	24.6	23.8	24.8	25.0
4H		24.2	25.2	24.5	25.4	25.7	23.5	24.5	23.8	24.7	25.0
6H		24.1	25.1	24.4	25.3	25.6	23.5	24.4	23.8	24.7	25.0
8H		24.1	25.0	24.4	25.2	25.5	23.5	24.4	23.8	24.7	24.9
12H		24.0	24.9	24.4	25.2	25.5	23.5	24.4	23.8	24.6	24.9
4H 2H		24.1	25.1	24.4	25.4	25.6	23.4	24.4	23.7	24.6	24.8
3H		24.0	24.9	24.4	25.2	25.5	23.3	24.2	23.7	24.5	24.8
4H		24.0	24.8	24.4	25.1	25.4	23.4	24.2	23.7	24.5	24.8
6H		23.9	24.6	24.3	25.0	25.3	23.4	24.1	23.8	24.5	24.8
8H		23.9	24.6	24.3	24.9	25.3	23.5	24.1	23.9	24.4	24.8
12H		23.9	24.5	24.3	24.8	25.2	23.5	24.1	23.9	24.4	24.8
8H 4H		23.9	24.5	24.3	24.9	25.3	23.3	23.9	23.7	24.3	24.7
6H		23.9	24.4	24.3	24.8	25.2	23.4	23.9	23.8	24.3	24.7
8H		23.9	24.3	24.3	24.7	25.2	23.5	23.9	23.9	24.3	24.8
12H		23.8	24.2	24.3	24.7	25.1	23.5	23.9	24.0	24.3	24.8
12H 4H		23.9	24.4	24.3	24.8	25.2	23.3	23.8	23.7	24.2	24.6
6H		23.9	24.3	24.3	24.7	25.2	23.4	23.8	23.8	24.2	24.7
8H		23.8	24.2	24.3	24.7	25.1	23.4	23.8	23.9	24.3	24.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.6 / - 6.8					+ 2.5 / - 5.0				
1.5H		+ 2.7 / - 6.5					+ 2.8 / - 5.8				
2.0H		+ 6.6 / - 5.8					+ 5.1 / - 3.5				

CIE Pub.117 Corrected 19494 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.3)

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