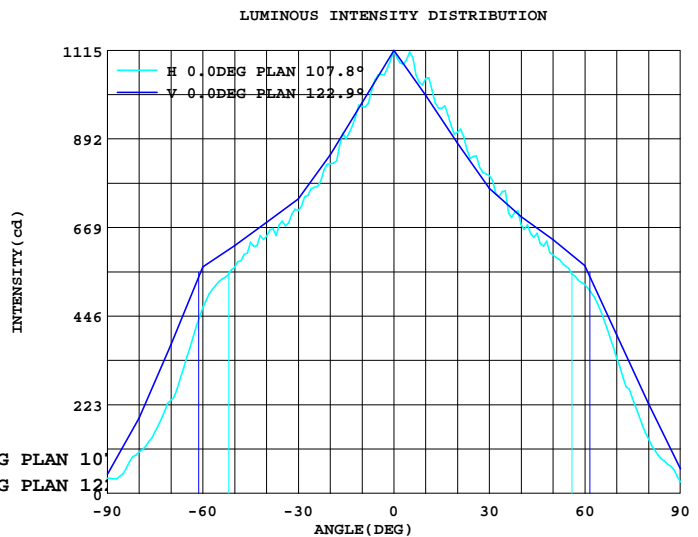
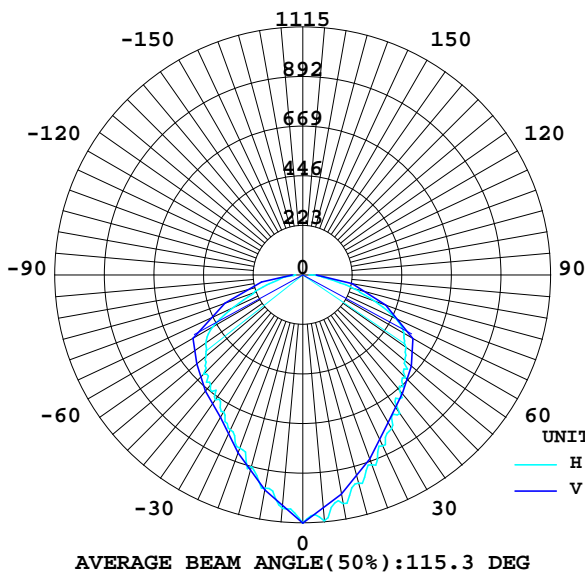


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	30	Imax(cd):	1115	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	97.9	Current(A)	0.142
NOMINAL FLUX(lm):	2968	Avail. FLUX(lm):	2907	Power(W)	29.42
TEST FLUX(lm):	2968	EFFICIENCY(%):	100.0	Power Factor(PF)	0.937
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	2968	EFFICIENCY(lm/W)	100.9
Effective Flux(lm) :	2906.6	θ @50%(H, V):	107.8,122.9DEG	EEL:	0.138



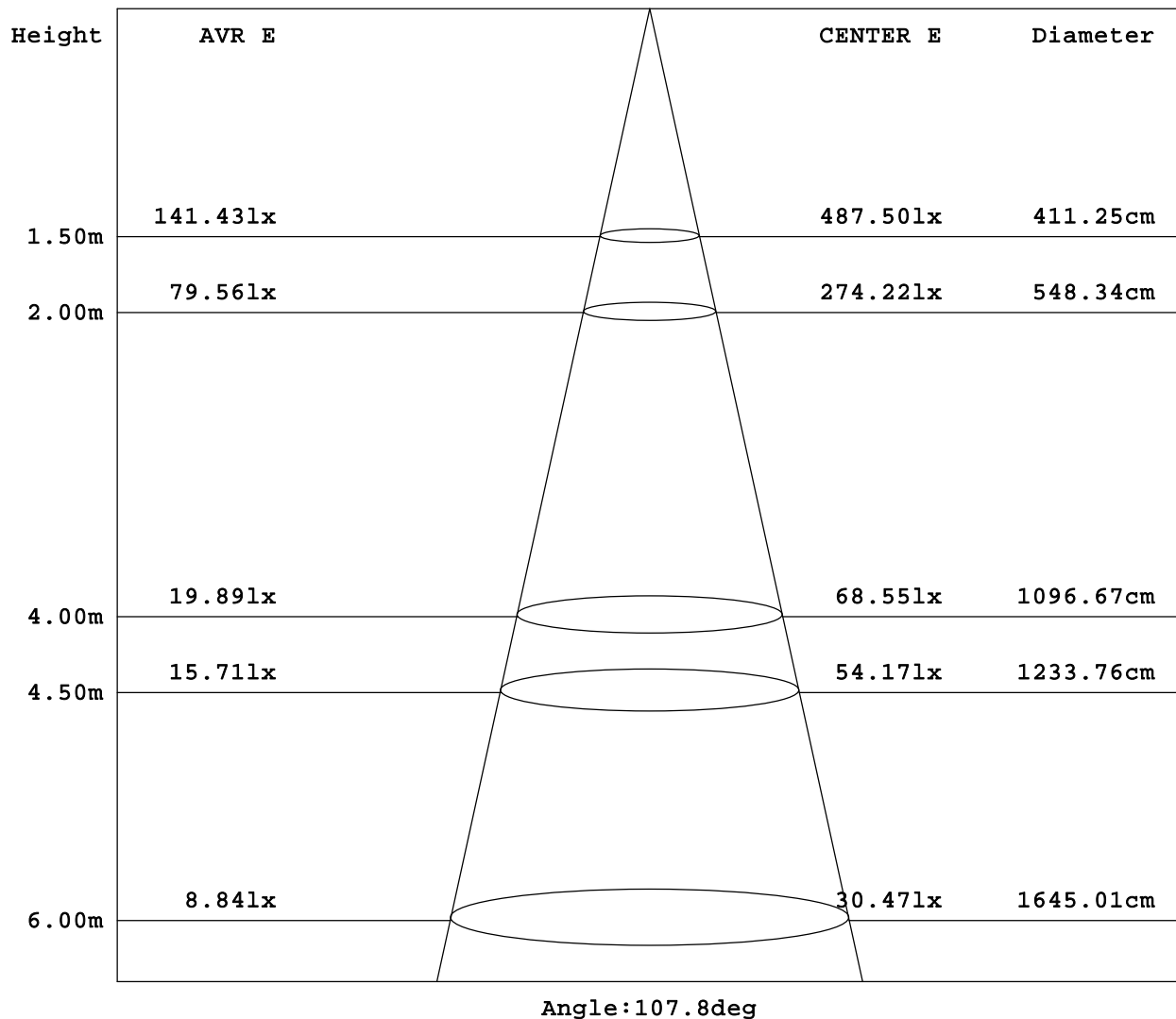
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年11月08日

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年11月08日

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

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI TIAN	Address:		
NAME: LT-GC	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

		AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
		0.10	0.41	0.66	0.76	0.83	0.92	1.13	1.56	1.77	1.53	1.04	0.75	0.73	0.72	0.68	0.55	0.39	0.10	14.6	0.00		
VERTICAL (DEG)	90	0.05	0.42	1.23	2.07	2.79	3.99	5.64	7.35	8.89	9.55	8.89	7.08	5.09	3.39	2.11	1.25	0.62	0.19	70.6	65.6		
	80	0.19	0.79	1.36	3.01	5.07	7.94	10.6	13.0	14.4	14.5	13.4	11.2	8.35	6.02	3.66	1.50	0.74	0.11	116	113		
	70	0.15	0.79	1.97	4.29	7.82	12.0	15.8	18.5	19.7	20.2	19.9	17.8	14.1	9.49	5.56	2.96	0.92	0.20	173	171		
	60	0.21	0.77	2.96	6.63	11.4	14.7	16.7	18.7	20.3	20.6	19.8	17.6	15.1	12.0	7.15	3.17	0.90	0.16	189	188		
	50	0.13	1.00	3.28	7.55	11.7	14.6	18.2	20.9	21.5	22.0	21.4	19.3	16.2	12.6	9.50	4.74	1.45	0.21	207	206		
	40	0.24	1.40	4.50	9.21	12.5	16.3	19.4	22.3	24.1	24.2	22.7	20.3	16.8	12.8	9.25	4.67	1.55	0.25	223	223		
	30	0.19	1.21	4.09	8.90	12.8	16.6	20.2	24.8	27.2	27.8	25.8	21.9	17.9	13.9	9.81	6.02	1.93	0.25	242	242		
	-30	0.17	1.52	5.31	9.57	13.7	17.1	22.4	27.6	31.8	31.7	27.7	22.8	18.0	13.4	9.63	5.34	1.53	0.27	260	260		
		0.20	1.28	4.31	9.19	13.2	16.9	21.2	26.5	32.2	33.8	29.4	24.0	18.6	14.0	9.97	6.08	2.10	0.26	264	263		
		0.19	1.48	5.12	9.49	13.5	17.1	21.2	25.1	28.1	28.0	25.3	21.2	17.0	13.2	9.44	5.06	1.57	0.25	243	242		
		0.16	1.15	3.70	8.66	12.5	16.1	18.9	22.1	23.4	23.7	22.5	20.1	16.6	13.3	9.44	5.41	1.80	0.27	220	220		
		0.17	1.11	4.05	8.55	12.2	15.9	18.1	20.1	20.9	21.0	19.8	18.0	15.6	12.1	8.55	3.82	1.34	0.19	202	201		
		0.17	0.86	2.44	6.35	11.0	14.0	17.2	18.7	19.4	19.4	18.9	17.1	14.6	11.5	7.93	3.80	1.15	0.17	185	184		
		0.11	0.85	2.57	5.07	9.39	13.0	15.0	17.0	18.1	18.0	16.9	15.1	13.0	9.56	5.01	2.27	0.79	0.12	162	161		
		0.10	0.68	1.44	2.76	4.99	8.63	12.4	15.0	16.2	16.4	15.5	13.2	9.77	6.23	3.71	2.04	0.85	0.25	130	128		
	-70	0.11	0.57	0.97	1.60	2.97	3.95	5.34	7.03	8.18	8.13	6.93	5.19	3.77	2.94	1.13	0.50	0.36	0.08	59.8	52.5		
-80	0.07	0.34	0.53	0.57	0.50	0.73	1.14	1.87	2.73	2.89	2.26	1.54	1.04	0.69	0.92	0.86	0.41	0.17	19.3	6.30			
-90																							
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																							
Φ t	2.71	16.6	50.5	104	159	211	261	309	340	344	319	275	223	168	114	60.1	20.4	3.49	2968				
Φ a	0.08	10.5	45.8	101	157	209	259	306	337	342	317	273	221	166	111	56.5	15.7	0.63		2907			

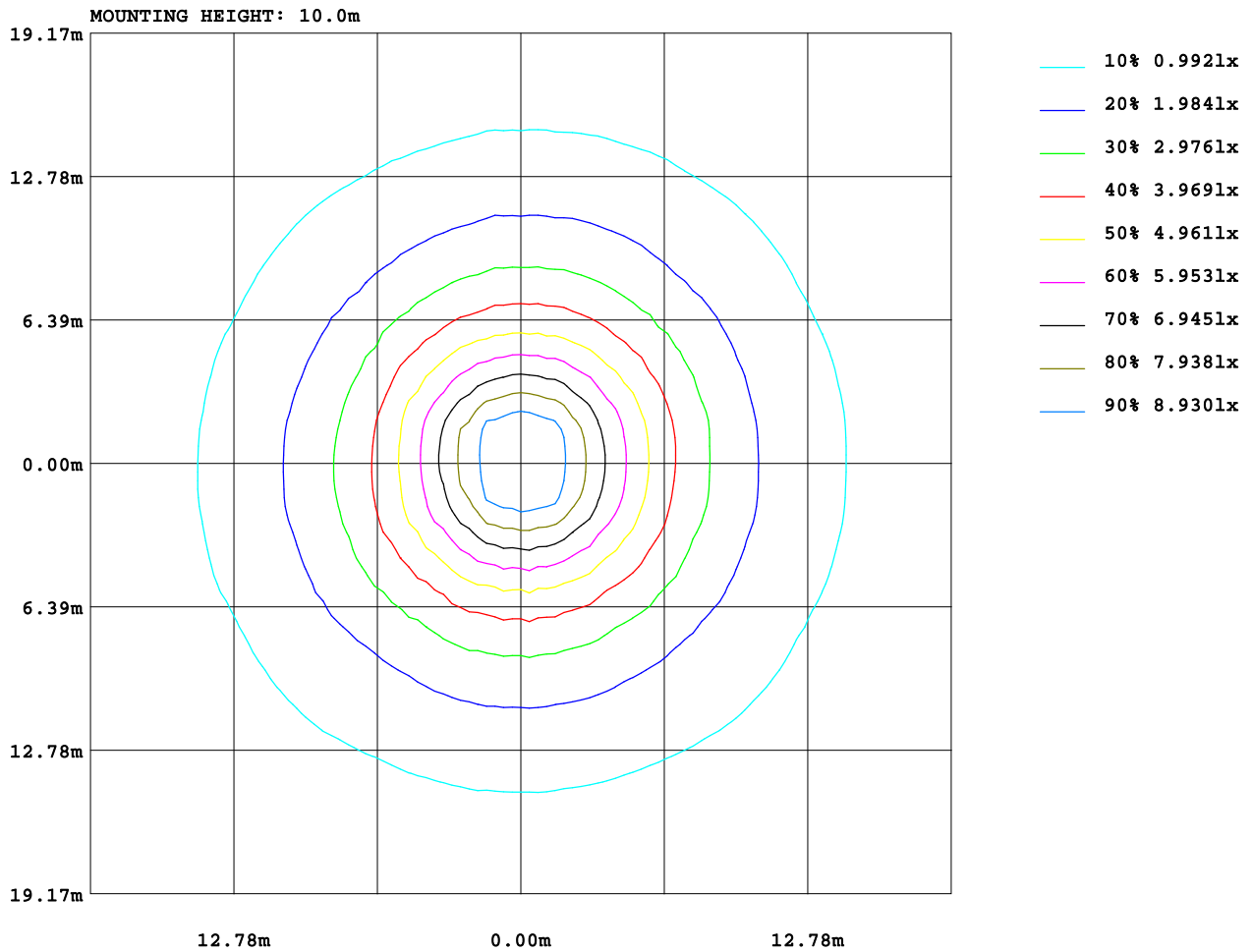
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年11月08日

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: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



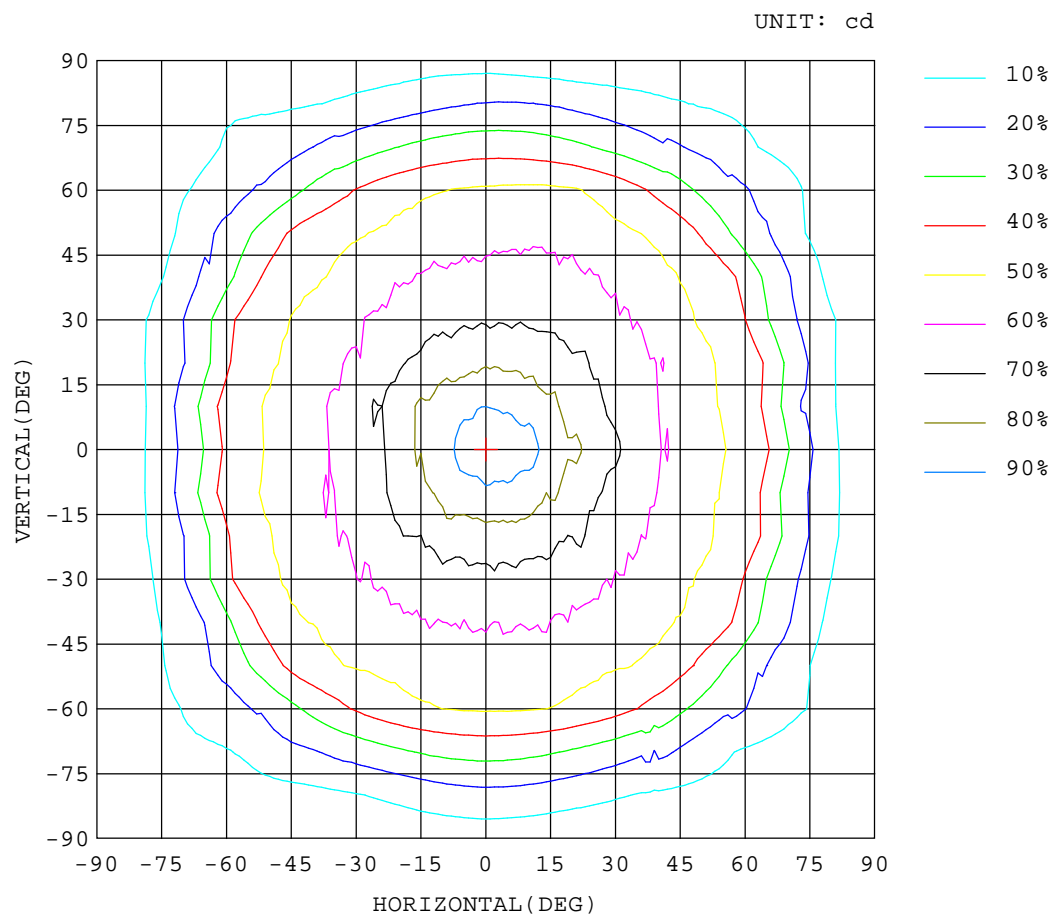
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年11月08日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年11月08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: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1097	1057	1033	1027	1055	1033	1050	1064	0- 5	25.49	25.49
10.0	1046	988.6	969.8	993.3	972.7	993.7	1002	995.9	5- 10	72.67	98.16
15.0	975.7	958.5	908.4	896.8	906.5	919.8	938.7	970.0	10- 15	113.7	211.9
20.0	916.2	874.8	847.0	846.9	831.3	873.7	875.2	884.3	15- 20	147.6	359.5
25.0	848.9	807.9	795.4	789.5	772.3	803.9	824.0	831.9	20- 25	175.2	534.8
30.0	787.4	782.1	743.8	753.8	722.2	754.9	772.8	783.4	25- 30	197.9	732.8
35.0	705.4	710.5	708.3	698.6	673.5	703.8	733.1	738.4	30- 35	215.7	948.5
40.0	664.4	689.0	672.8	659.1	662.4	668.2	693.4	710.3	35- 40	231.5	1180
45.0	628.8	651.0	648.4	639.4	622.0	627.5	668.5	668.7	40- 45	245.3	1425
50.0	593.1	605.3	624.1	605.5	582.8	591.7	643.6	625.9	45- 50	253.9	1679
55.0	551.3	575.7	596.6	566.4	539.1	547.6	608.4	591.4	50- 55	256.1	1936
60.0	516.0	535.1	569.1	516.4	485.4	501.7	573.2	543.9	55- 60	254.2	2190
65.0	437.3	442.9	471.2	421.6	366.8	413.4	485.6	455.9	60- 65	237.3	2427
70.0	317.6	340.5	373.3	314.9	242.1	310.7	398.0	349.4	65- 70	194.3	2621
75.0	217.4	245.3	281.1	210.7	170.8	204.8	312.8	255.5	70- 75	145.6	2767
80.0	120.3	142.2	189.0	125.1	109.6	136.1	227.7	166.4	75- 80	101.1	2868
85.0	73.09	73.63	118.6	70.02	63.61	83.36	144.8	91.67	80- 85	63.35	2932
90.0	13.11	44.32	48.28	54.90	37.26	40.79	61.85	35.05	85- 90	36.23	2968
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	

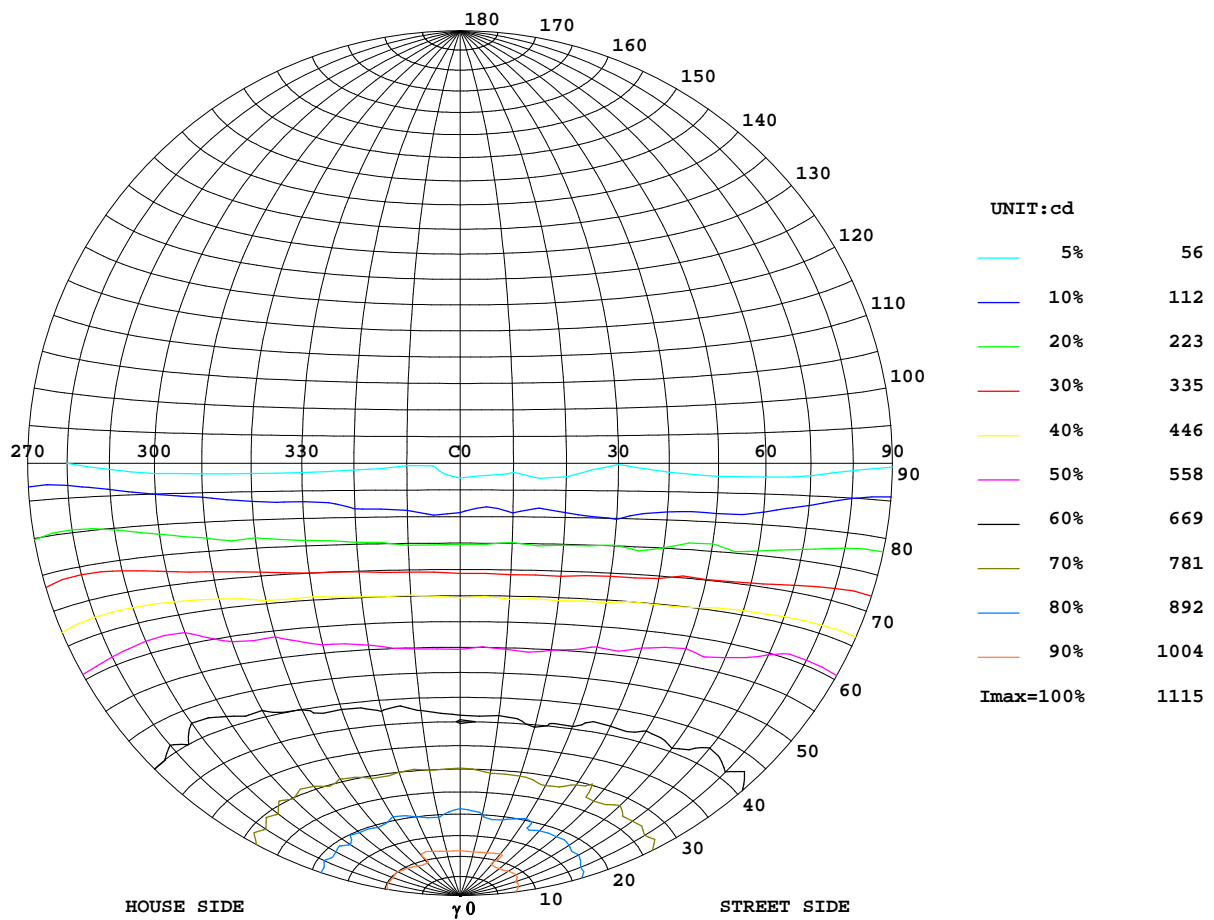
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年11月08日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年11月08日

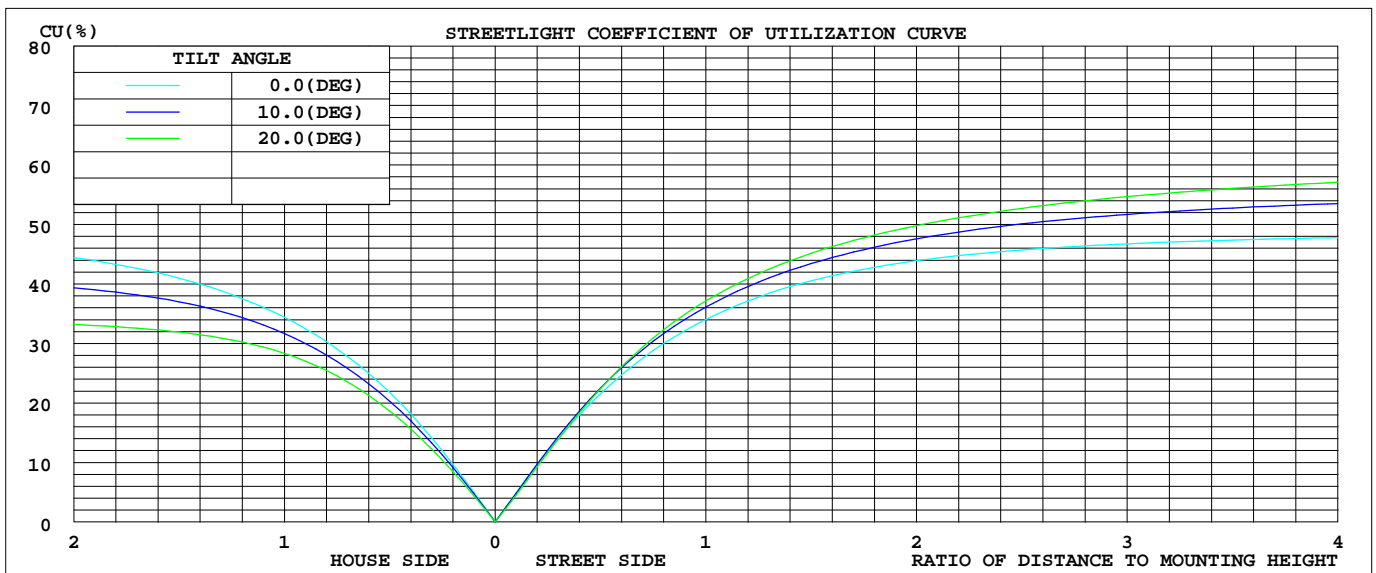
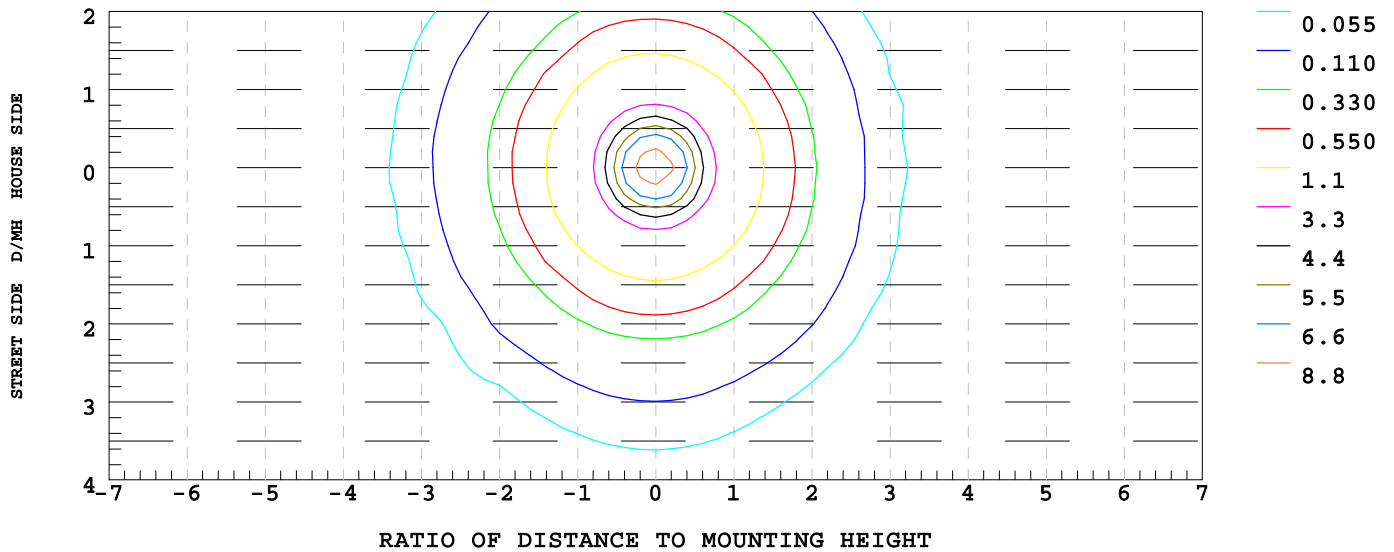
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 10.97 lx



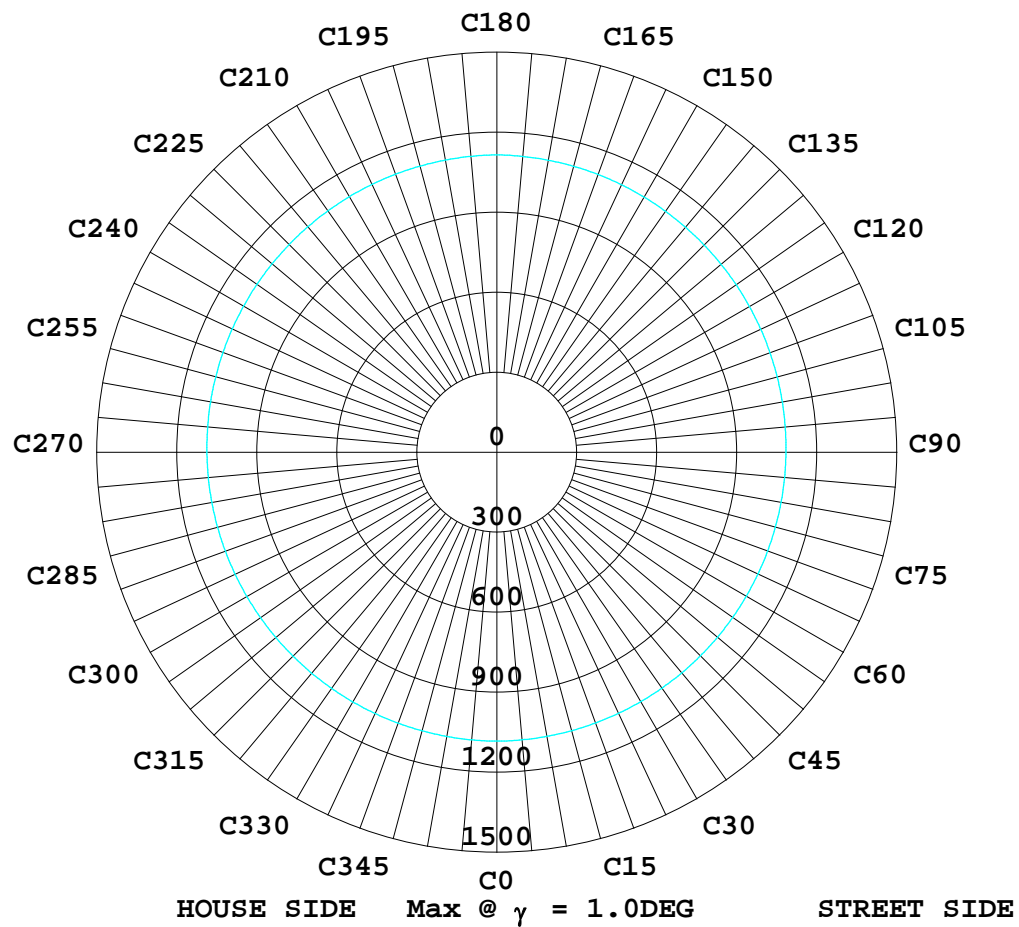
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年11月08日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GC	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
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