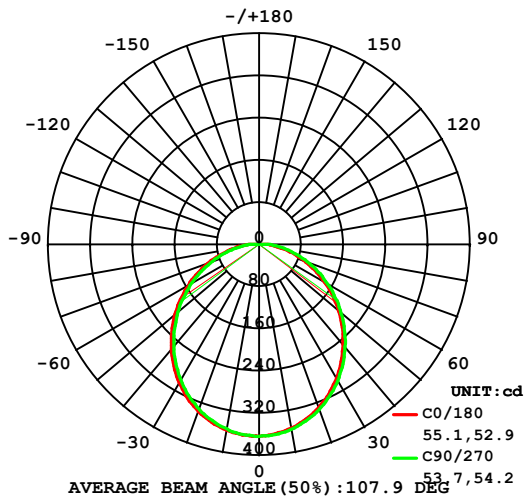


LUMINAIRE PHOTOMETRIC TEST REPORT

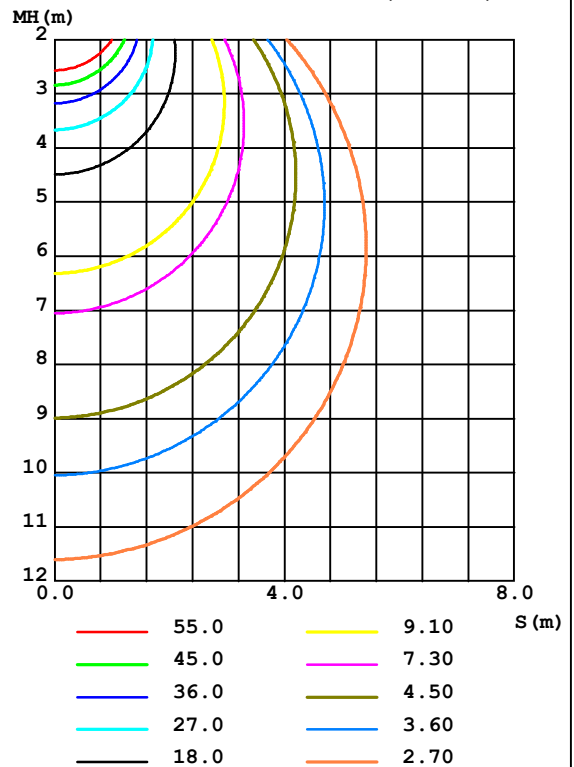
Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.43 lm/W			
MODEL	LT-US-DX615W2278E-01	I _{max} (cd)	364.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1018.8	η UP,DN(C0-180)	0.3,49.7
NOMINAL FLUX(lm)	1018.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.7
LAMPS INSIDE	1	η up (%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down (%)	99.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

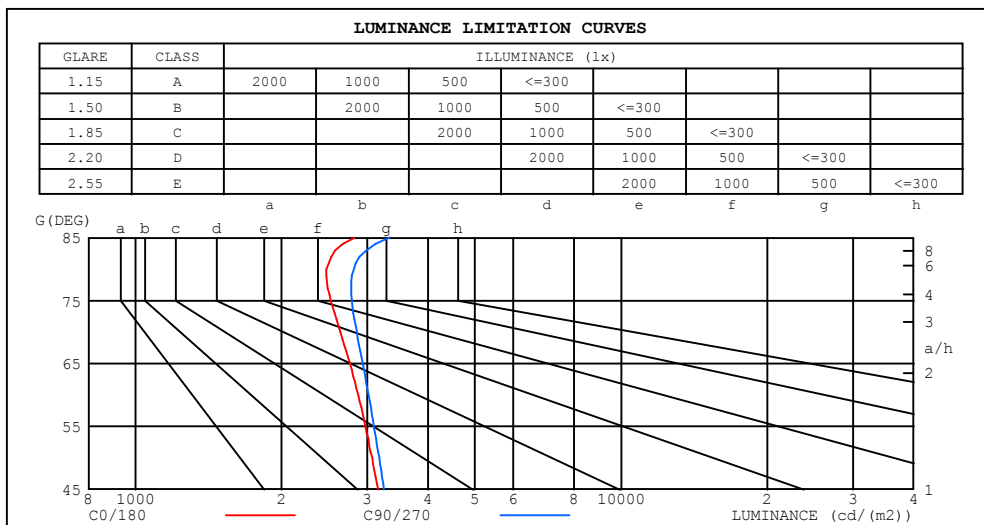
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	354.1	354.7	356.0	357.7	357.8	357.0	355.5	354.6	0- 10	34.34	34.34	3.37,3.37
20	330.2	331.1	333.6	336.0	336.7	335.2	332.9	331.1	10- 20	97.69	132.0	13,13
30	293.6	295.2	298.6	301.9	303.4	301.0	297.3	295.0	20- 30	146.1	278.2	27.3,27.3
40	248.3	250.1	254.3	258.1	259.3	256.6	252.4	249.9	30- 40	173.2	451.4	44.3,44.3
50	197.6	199.5	204.0	208.0	209.0	205.4	201.3	198.7	40- 50	176.6	627.9	61.6,61.6
60	143.6	146.4	150.8	154.5	155.2	151.7	147.5	145.2	50- 60	157.7	785.6	77.1,77.1
70	90.42	93.06	97.65	100.9	101.5	97.88	93.85	91.81	60- 70	121.3	906.9	89,89
80	42.95	45.25	48.81	51.31	51.89	48.53	45.22	43.78	70- 80	74.69	981.6	96.3,96.3
90	11.68	12.73	14.39	14.47	15.88	14.09	11.74	11.67	80- 90	31.24	1013	99.4,99.4
100	0.1908	0.1815	0.2158	0.1566	0.1284	0.1139	0.1491	0.1841	90-100	4.143	1017	99.8,99.8
110	0.2926	0.2973	0.2919	0.3120	0.2233	0.1889	0.2768	0.2646	100-110	0.2365	1017	99.8,99.8
120	0.3759	0.3912	0.3375	0.4301	0.3735	0.2273	0.3583	0.3252	110-120	0.3104	1018	99.9,99.9
130	0.4215	0.4677	0.3850	0.5165	0.4282	0.1519	0.4486	0.3764	120-130	0.3378	1018	99.9,99.9
140	0.4635	0.5061	0.4296	0.5445	0.4752	0.2806	0.4842	0.4408	130-140	0.3304	1018	99.9,99.9
150	0.3992	0.3987	0.4268	0.5707	0.4989	0.2873	0.5444	0.3062	140-150	0.2808	1018	100,100
160	0.4705	0.5512	0.4094	0.5065	0.3825	0.4114	0.5499	0.3324	150-160	0.2070	1019	100,100
170	0.2045	0.1011	0.2941	0.2017	0.2002	0.2674	0.1583	0.1931	160-170	0.1042	1019	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0195	1019	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2834	3340
80	2472	2811
75	2526	2788
70	2642	2855
65	2762	2936
60	2872	3017
55	2976	3096
50	3072	3174
45	3158	3248

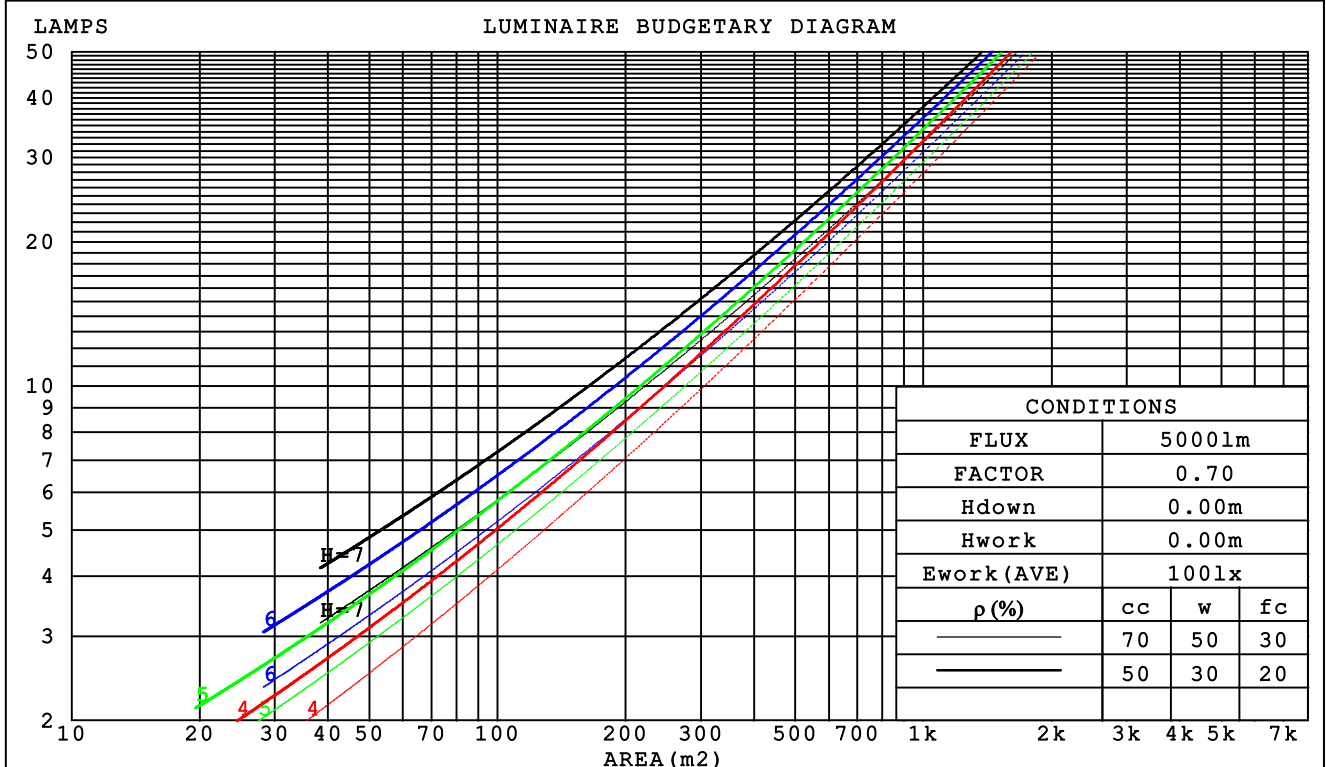
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Biao
 Test Date: 09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.353
 Humidity: 49.3%
 Test Distance: 1.851m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Biao
 Test Date: 09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.353
 Humidity: 49.3%
 Test Distance: 1.851m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.322	.183	.058	.315	.179	.057	.301	.173	.055	.288	.166	.053	.277	.160	.052		
2.0	.297	.163	.050	.291	.160	.049	.279	.155	.048	.268	.150	.047	.257	.146	.046		
3.0	.273	.145	.044	.267	.143	.043	.257	.139	.042	.247	.135	.041	.238	.132	.041		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.186	.161	.138	.159	.138	.119	.109	.095	.082	.063	.055	.048	.020	.018	.015	
2.0	.178	.136	.102	.152	.117	.088	.104	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.170	.119	.078	.145	.103	.068	.100	.071	.048	.058	.042	.028	.019	.014	.009	
4.0	.162	.106	.063	.139	.091	.054	.095	.064	.038	.055	.037	.023	.018	.012	.007	
5.0	.154	.095	.052	.132	.082	.045	.091	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.044	.126	.075	.038	.087	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.140	.080	.038	.121	.069	.033	.083	.049	.023	.048	.029	.014	.016	.009	.005	
8.0	.134	.074	.033	.115	.064	.029	.080	.045	.021	.046	.027	.012	.015	.009	.004	
9.0	.127	.069	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.105	.056	.024	.073	.040	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm										
NAME: LT-US-DX615W2278E-01					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: hengte					SUR.:			Shielding Angle:		
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	16.4	18.0	16.7	18.2	18.4	16.6	18.1	16.9	18.3	18.6
3H	17.9	19.3	18.2	19.6	19.8	18.2	19.6	18.5	19.8	20.1
4H	18.6	19.9	18.9	20.2	20.4	18.9	20.2	19.2	20.5	20.8
6H	19.1	20.3	19.4	20.6	20.9	19.5	20.7	19.8	21.0	21.3
8H	19.3	20.5	19.6	20.8	21.1	19.7	20.9	20.1	21.2	21.5
12H	19.5	20.6	19.8	21.0	21.3	19.9	21.1	20.3	21.4	21.7
4H 2H	17.1	18.4	17.4	18.7	18.9	17.2	18.5	17.5	18.8	19.1
3H	18.8	19.9	19.1	20.2	20.6	19.0	20.1	19.3	20.5	20.8
4H	19.5	20.6	19.9	20.9	21.3	19.8	20.9	20.2	21.2	21.6
6H	20.2	21.1	20.6	21.5	21.9	20.5	21.5	20.9	21.9	22.2
8H	20.5	21.4	20.9	21.7	22.1	20.9	21.7	21.3	22.1	22.5
12H	20.7	21.5	21.1	21.9	22.4	21.2	22.0	21.6	22.4	22.8
8H 4H	19.8	20.7	20.3	21.1	21.5	20.1	21.0	20.5	21.4	21.8
6H	20.7	21.4	21.1	21.8	22.3	21.0	21.7	21.4	22.2	22.6
8H	21.1	21.7	21.5	22.2	22.6	21.4	22.1	21.9	22.5	23.0
12H	21.5	22.0	21.9	22.5	23.0	21.9	22.5	22.4	22.9	23.4
12H 4H	19.9	20.7	20.3	21.1	21.5	20.1	20.9	20.5	21.3	21.7
6H	20.8	21.4	21.2	21.9	22.3	21.1	21.7	21.5	22.2	22.6
8H	21.2	21.8	21.7	22.3	22.8	21.6	22.2	22.1	22.6	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 1019 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.1)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

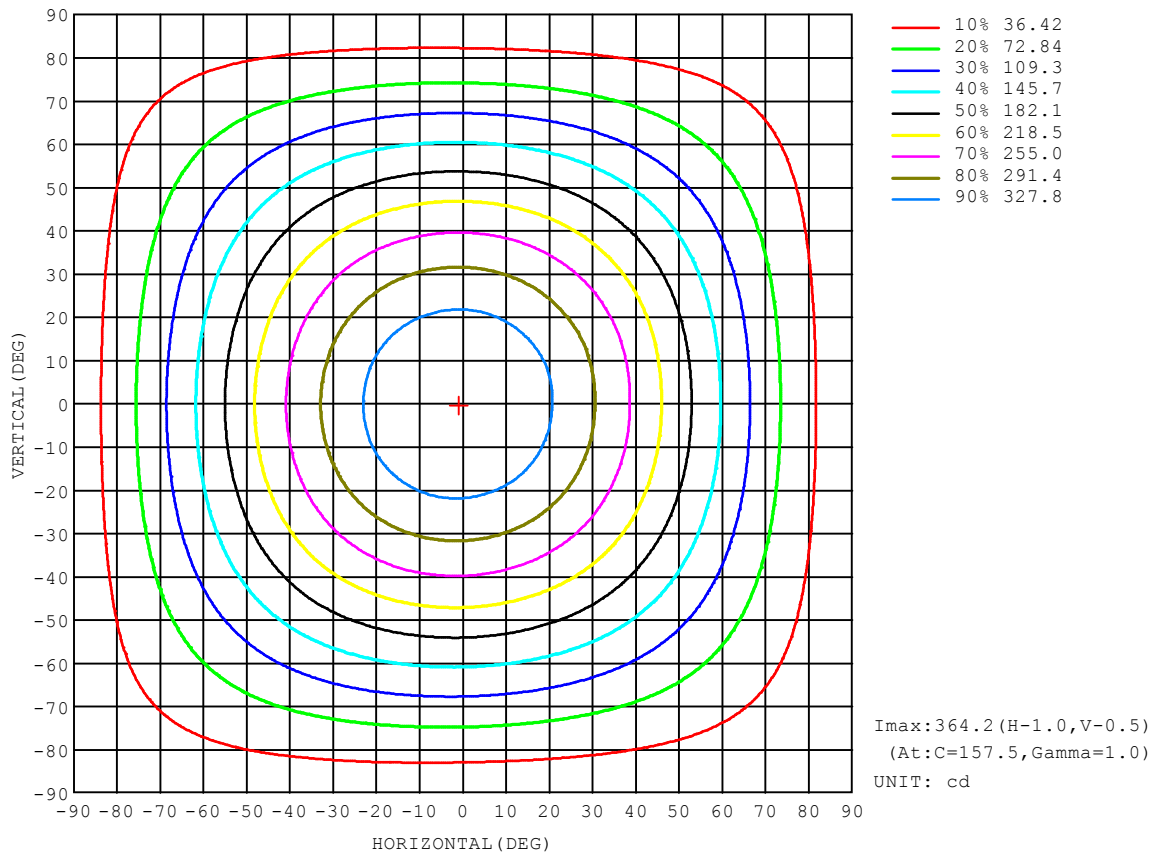
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	55	45	39	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	85	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

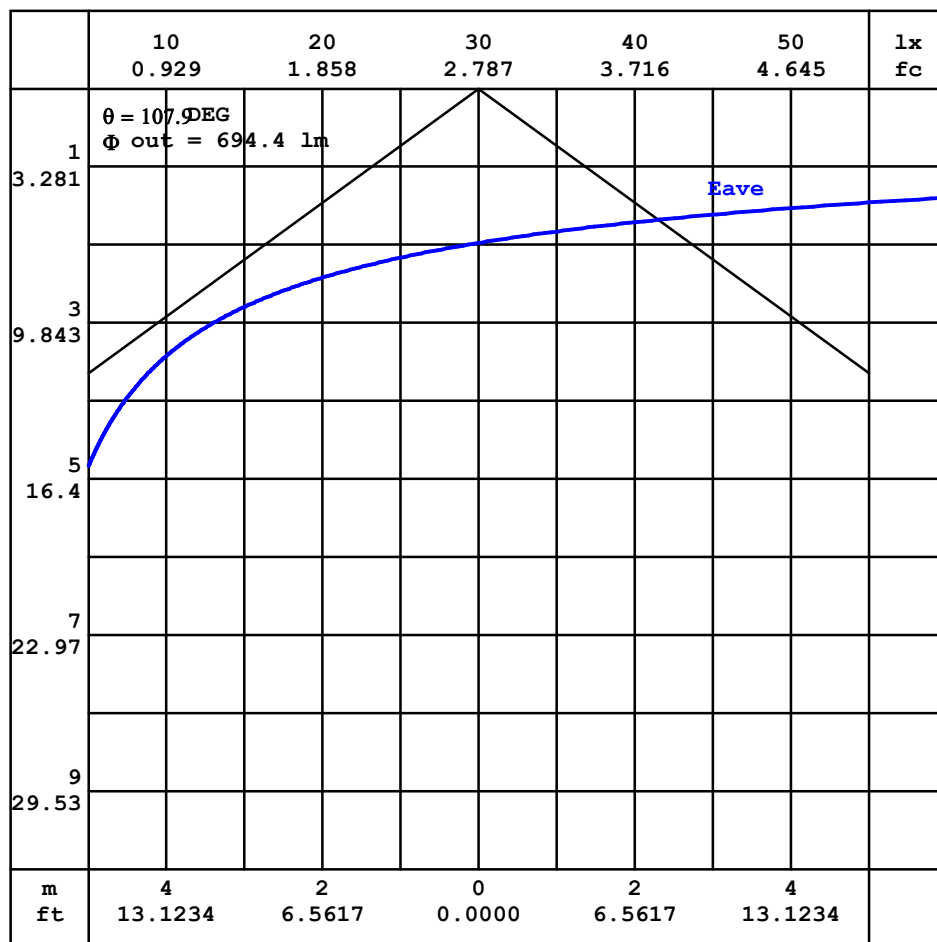


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:



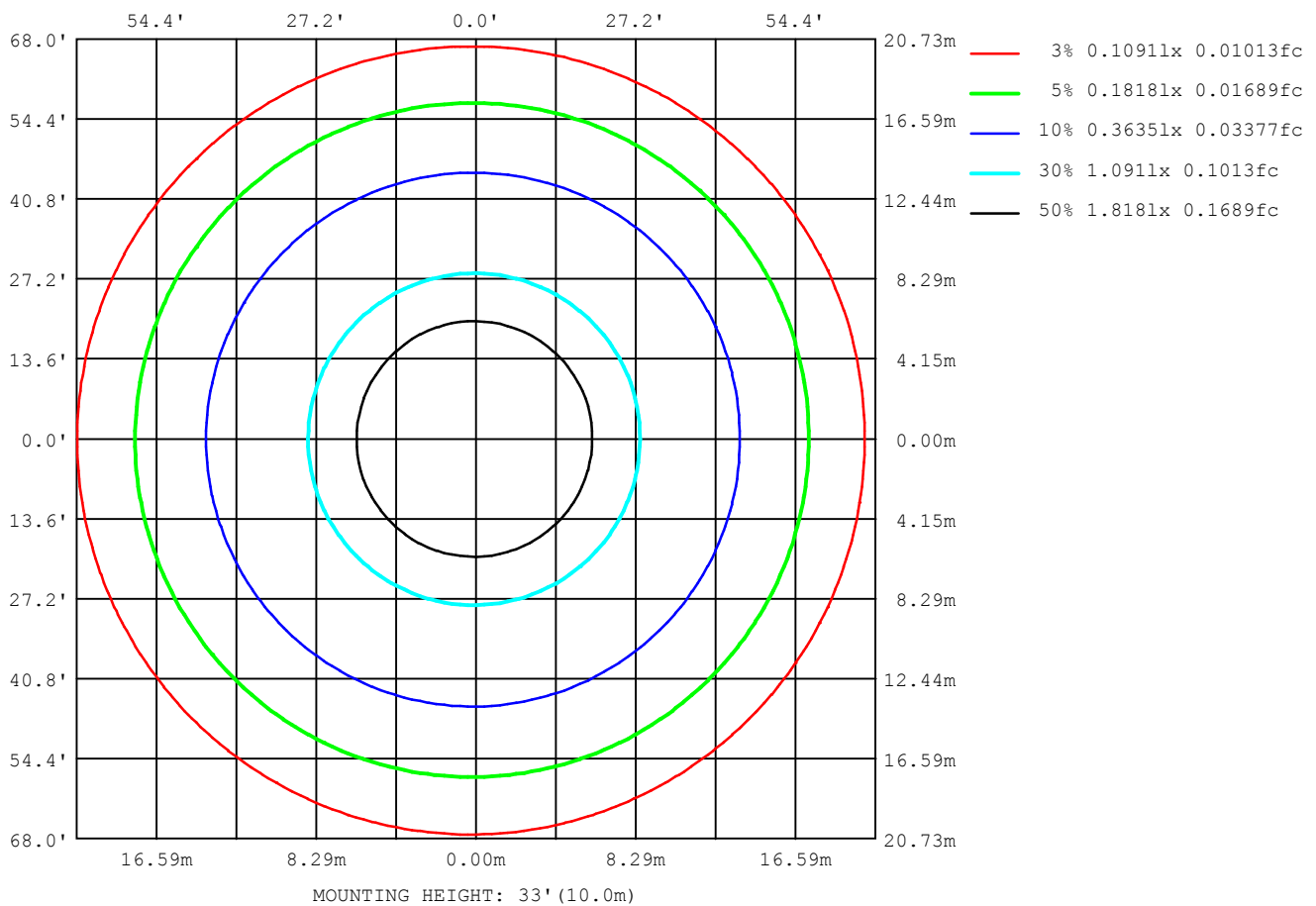
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Biao
Test Date: 09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance: 1.851m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators:Biao
 Test Date:09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
 Humidity: 49.3%
 Test Distance:1.851m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

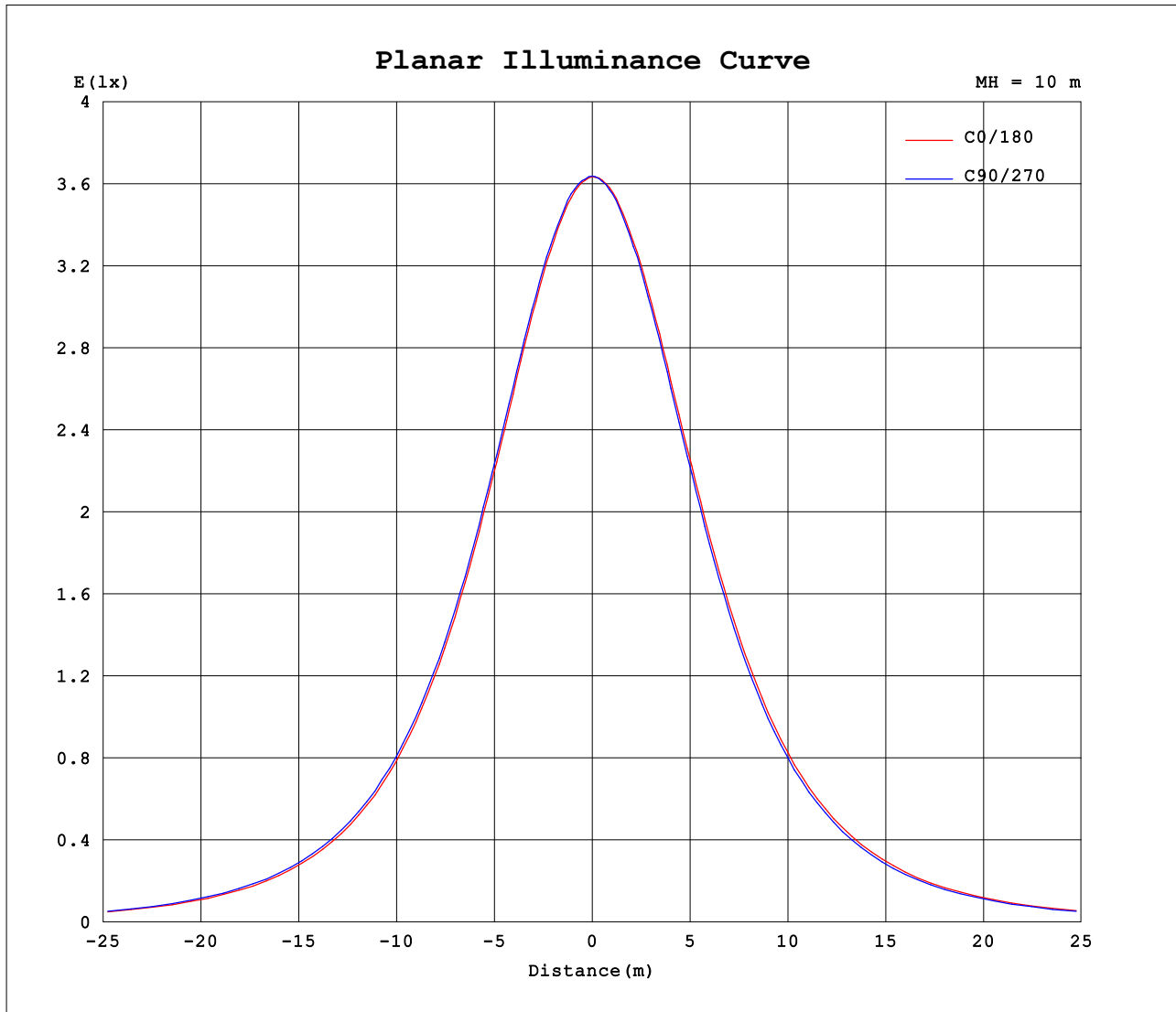
AvgL	cd/m2
L_0~180 (65) av	2900
L_0~180 (75) av	2725
L_0~180 (85) av	3222
L_90~270 (65) av	2894
L_90~270 (75) av	2713
L_90~270 (85) av	3163
L_45 (65) av	2898
L_45 (75) av	2722
L_45 (85) av	3196

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Biao
 Test Date: 09 June 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.353
 Humidity: 49.3%
 Test Distance: 1.851m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1296A P:14.67W PF:0.9430 Freq:60.01Hz Lamp Flux:1018.81x1 lm		
NAME: LT-US-DX615W2278E-01	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: hengte	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	364	364	364	364	364	364	364	364	364	364	364	364	364	364	364	364			
5	361	361	361	362	362	362	362	363	363	362	362	362	361	362	361	361			
10	354	354	355	355	356	357	358	358	358	357	357	357	356	356	355	354			
15	344	344	345	345	347	348	348	349	349	349	348	347	346	345	345	344			
20	330	330	331	332	334	336	336	337	337	336	335	334	333	332	331	331			
25	313	313	314	316	318	319	321	321	321	321	320	318	317	316	314	314			
30	294	294	295	297	299	301	302	303	303	302	301	299	297	296	295	295			
35	272	272	273	276	277	280	281	282	282	281	280	278	276	274	274	273			
40	248	249	250	252	254	257	258	259	259	258	257	254	252	251	250	250			
45	223	224	225	227	230	232	234	234	235	233	231	229	227	226	225	225			
50	198	198	200	202	204	206	208	208	209	207	205	203	201	200	199	199			
55	171	172	173	175	178	180	181	182	182	181	179	176	174	173	172	172			
60	144	145	146	149	151	153	154	155	155	154	152	150	148	146	145	145			
65	117	118	120	122	124	126	128	128	128	127	124	122	121	119	118	118			
70	90.4	91.4	93.1	95.3	97.6	99.6	101	101	102	99.9	97.9	95.8	93.9	92.7	91.8	91.6			
75	65.4	66.2	68.0	70.0	72.1	74.0	75.1	75.3	75.6	74.1	72.0	70.0	68.3	67.2	66.7	66.3			
80	43.0	43.8	45.3	47.0	48.8	50.4	51.3	51.4	51.9	50.4	48.5	46.8	45.2	44.3	43.8	43.7			
85	24.7	25.5	26.6	27.8	29.1	30.3	31.0	31.1	31.5	30.2	28.8	27.3	26.0	25.4	25.1	25.2			
90	11.7	11.1	12.7	13.6	14.4	15.1	14.5	14.7	15.9	15.1	14.1	12.7	11.7	11.8	11.7	11.8			
95	1.75	0.21	1.89	1.92	2.06	2.24	2.20	2.01	1.82	1.77	1.53	1.22	0.73	0.64	0.48	0.42			
100	0.19	0.15	0.18	0.16	0.22	0.17	0.16	0.16	0.13	0.14	0.11	0.15	0.15	0.14	0.18	0.19			
105	0.25	0.23	0.24	0.25	0.27	0.23	0.26	0.25	0.18	0.17	0.16	0.22	0.21	0.21	0.24	0.25			
110	0.29	0.29	0.30	0.28	0.29	0.29	0.31	0.31	0.22	0.19	0.19	0.27	0.28	0.27	0.26	0.28			
115	0.34	0.36	0.34	0.32	0.31	0.34	0.37	0.36	0.30	0.20	0.21	0.33	0.34	0.32	0.27	0.30			
120	0.38	0.42	0.39	0.35	0.34	0.39	0.43	0.41	0.37	0.23	0.23	0.32	0.36	0.36	0.33	0.33			
125	0.36	0.47	0.44	0.40	0.36	0.42	0.48	0.46	0.40	0.25	0.15	0.39	0.42	0.35	0.32	0.36			
130	0.42	0.50	0.47	0.43	0.38	0.44	0.52	0.50	0.43	0.27	0.15	0.42	0.45	0.30	0.38	0.38			
135	0.46	0.52	0.49	0.43	0.41	0.47	0.54	0.52	0.45	0.29	0.27	0.45	0.44	0.31	0.42	0.41			
140	0.46	0.54	0.51	0.40	0.43	0.49	0.54	0.52	0.48	0.28	0.28	0.48	0.48	0.38	0.44	0.35			
145	0.44	0.54	0.53	0.38	0.36	0.51	0.55	0.53	0.49	0.32	0.29	0.50	0.41	0.47	0.46	0.44			
150	0.40	0.44	0.40	0.31	0.43	0.51	0.57	0.54	0.50	0.46	0.29	0.52	0.54	0.52	0.31	0.41			
155	0.45	0.45	0.55	0.35	0.48	0.47	0.57	0.55	0.42	0.37	0.31	0.52	0.56	0.54	0.31	0.34			
160	0.47	0.54	0.55	0.36	0.41	0.31	0.51	0.48	0.38	0.38	0.41	0.33	0.55	0.54	0.33	0.27			
165	0.39	0.47	0.37	0.46	0.38	0.32	0.47	0.42	0.39	0.39	0.34	0.35	0.50	0.51	0.28	0.26			
170	0.20	0.06	0.10	0.38	0.29	0.28	0.20	0.20	0.20	0.20	0.27	0.34	0.16	0.16	0.19	0.34			
175	0.18	0.09	0.18	0.32	0.23	0.20	0.12	0.19	0.23	0.22	0.20	0.23	0.09	0.08	0.12	0.24			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	363.7	363.7	363.7	363.7	363.7	363.7	363.7	363.7	363.7	363.7
3.0	362.3	362.5	362.3	362.9	363.0	363.6	363.3	363.5	363.4	363.4
6.0	359.4	359.7	360.1	360.2	361.0	361.6	361.4	361.9	361.9	361.7
9.0	355.5	355.7	355.9	356.8	357.2	358.4	358.7	358.7	359.0	358.7
12.0	350.2	350.3	350.8	351.8	352.6	353.8	354.4	354.7	354.8	354.3
15.0	343.7	343.8	344.5	345.3	346.6	347.8	348.4	348.9	349.4	348.5
18.0	335.9	336.1	336.7	338.0	339.4	340.6	341.5	341.9	342.3	341.8
21.0	326.7	326.9	328.0	329.2	330.5	332.4	333.2	333.9	334.4	333.6
24.0	316.6	317.1	318.3	319.4	320.9	322.8	324.0	324.5	325.1	324.3
27.0	305.7	306.2	307.0	308.6	310.2	312.3	313.4	314.2	314.7	313.7
30.0	293.6	294.0	295.2	296.7	298.6	301.0	301.9	302.7	303.4	302.4
33.0	280.9	281.2	282.7	284.1	286.0	288.4	289.8	290.4	291.2	290.1
36.0	267.5	268.0	269.1	270.9	272.8	275.3	276.7	277.4	277.9	276.9
39.0	253.4	253.7	255.1	256.8	259.1	261.5	262.9	263.7	264.2	263.0
42.0	238.5	239.2	240.3	242.5	244.8	247.2	248.4	249.2	249.7	248.2
45.0	223.4	223.9	225.3	227.5	229.7	232.0	233.7	234.4	234.8	233.4
48.0	207.8	208.5	210.1	212.1	214.3	216.8	218.3	219.2	219.5	218.1
51.0	192.0	193.0	194.5	196.7	198.8	201.1	202.6	203.3	203.8	202.3
54.0	176.0	176.9	178.5	180.5	183.0	185.1	186.8	187.4	187.9	186.2
57.0	159.9	160.9	162.5	164.7	166.9	169.2	170.9	171.1	171.6	170.0
60.0	143.6	144.6	146.4	148.6	150.8	153.2	154.5	155.0	155.2	153.8
63.0	127.5	128.6	130.2	132.3	134.8	136.9	138.4	138.8	139.1	137.7
66.0	111.4	112.4	114.1	116.3	118.8	120.8	122.2	122.4	122.9	121.1
69.0	95.66	96.67	98.28	100.5	102.9	105.1	106.1	106.4	107.0	105.2
72.0	80.11	81.18	82.90	85.01	87.23	89.20	90.46	90.61	91.06	89.37
75.0	65.40	66.25	67.97	69.95	72.14	74.01	75.12	75.26	75.65	74.06
78.0	51.52	52.37	53.94	55.76	57.75	59.52	60.48	60.66	60.95	59.50
81.0	39.11	39.93	41.14	42.76	44.44	46.01	46.91	47.04	47.39	46.02
84.0	27.98	28.71	29.92	31.28	32.66	34.12	34.89	35.01	35.22	33.92
87.0	18.89	19.31	20.41	21.52	22.61	23.59	23.87	23.98	24.63	23.57
90.0	11.68	11.12	12.73	13.63	14.39	15.09	14.47	14.67	15.88	15.10
93.0	4.999	4.420	5.406	5.591	5.965	6.395	6.261	6.787	7.832	7.486
96.0	0.1361	0.0887	0.1488	0.1024	0.1134	0.1625	0.1647	0.1389	0.0760	0.0536
99.0	0.1668	0.1300	0.1600	0.1351	0.1921	0.1405	0.1380	0.1383	0.1070	0.1115
102.0	0.2207	0.1959	0.2155	0.2008	0.2441	0.2076	0.2083	0.2082	0.1648	0.1617
105.0	0.2461	0.2271	0.2437	0.2484	0.2689	0.2342	0.2572	0.2513	0.1849	0.1747
108.0	0.2744	0.2609	0.2753	0.2708	0.2840	0.2639	0.2890	0.2820	0.2054	0.1829
111.0	0.3029	0.3008	0.3051	0.2896	0.2958	0.2975	0.3231	0.3178	0.2370	0.1907
114.0	0.3306	0.3444	0.3331	0.3089	0.3076	0.3321	0.3587	0.3517	0.2847	0.1975
117.0	0.3569	0.3840	0.3629	0.3312	0.3233	0.3625	0.3950	0.3825	0.3394	0.2051
120.0	0.3759	0.4182	0.3912	0.3549	0.3375	0.3904	0.4301	0.4121	0.3735	0.2340
123.0	0.3670	0.4480	0.4194	0.3842	0.3518	0.4114	0.4614	0.4417	0.3936	0.2454
126.0	0.3688	0.4755	0.4454	0.4103	0.3661	0.4263	0.4878	0.4718	0.4095	0.2554
129.0	0.4021	0.4992	0.4653	0.4227	0.3802	0.4406	0.5100	0.4972	0.4235	0.2626
132.0	0.4490	0.5131	0.4764	0.4299	0.3942	0.4547	0.5269	0.5112	0.4359	0.2718
135.0	0.4650	0.5247	0.4879	0.4311	0.4087	0.4692	0.5376	0.5182	0.4492	0.2870
138.0	0.4676	0.5336	0.4989	0.4323	0.4214	0.4807	0.5419	0.5193	0.4655	0.3097
141.0	0.4605	0.5393	0.5097	0.3942	0.4318	0.4918	0.5465	0.5205	0.4793	0.2749
144.0	0.4471	0.5437	0.5231	0.3645	0.4405	0.5047	0.5520	0.5246	0.4905	0.2996
147.0	0.4277	0.5495	0.4819	0.3139	0.4441	0.5153	0.5615	0.5311	0.4963	0.3729
150.0	0.3992	0.4392	0.3987	0.3123	0.4268	0.5114	0.5707	0.5397	0.4989	0.4630
153.0	0.4311	0.5365	0.5479	0.2762	0.4194	0.5105	0.5725	0.5474	0.4959	0.4056
156.0	0.4571	0.4014	0.5465	0.3493	0.3823	0.5284	0.4636	0.5442	0.3775	0.3698
159.0	0.4126	0.3722	0.5488	0.3572	0.3368	0.3325	0.5189	0.4972	0.3800	0.3785
162.0	0.3929	0.5588	0.3422	0.4006	0.4081	0.3563	0.5635	0.4401	0.3858	0.3839
165.0	0.3924	0.4670	0.3652	0.4602	0.3823	0.3171	0.4748	0.4210	0.3913	0.3912
168.0	0.1750	0.2033	0.3051	0.3778	0.2902	0.2652	0.3407	0.3052	0.3437	0.3031
171.0	0.2807	0.1873	0.1991	0.3789	0.2822	0.3242	0.1999	0.1999	0.1999	0.1998
174.0	0.1689	0.1898	0.2050	0.2438	0.2351	0.3652	0.1929	0.1931	0.2147	0.2133
177.0	0.1825	0.1824	0.1555	0.1409	0.0081	0.1786	0.1853	0.1469	0.1091	0.1173
180.0	0	0	0	0	0	0	0	0	0	0
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	363.7	363.7	363.7	363.7	363.7	363.7				
3.0	363.2	362.9	362.7	363.2	362.7	362.5				
6.0	361.5	361.1	360.8	360.7	360.2	360.2				
9.0	358.4	357.9	357.2	356.9	356.4	356.1				
12.0	353.8	353.2	352.1	351.6	351.4	350.9				
15.0	348.0	346.8	346.0	345.5	344.6	344.4				
18.0	340.7	340.0	338.8	337.8	337.0	336.6				
21.0	332.8	331.3	330.0	328.8	327.9	327.7				
24.0	322.8	321.9	320.0	319.2	317.9	317.6				
27.0	312.3	310.7	309.2	308.1	307.1	306.7				
30.0	301.0	299.2	297.3	296.4	295.0	294.6				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Biao
Test Date: 09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance: 1.851m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	288.2	286.4	284.7	283.5	282.5	282.1
36.0	274.9	273.0	271.1	270.2	268.9	268.7
39.0	261.3	258.9	257.1	256.0	254.7	254.5
42.0	246.7	244.5	242.4	241.0	240.3	239.8
45.0	231.4	229.3	227.4	226.1	225.0	224.7
48.0	216.0	213.8	211.7	210.5	209.4	209.2
51.0	200.1	198.0	196.1	194.6	193.7	193.3
54.0	184.3	182.2	180.0	178.7	177.7	177.4
57.0	168.0	165.8	163.8	162.5	161.4	161.2
60.0	151.7	149.5	147.5	146.3	145.2	144.9
63.0	135.3	133.2	131.4	129.9	128.9	128.7
66.0	119.2	117.0	115.1	113.8	113.0	112.6
69.0	103.2	101.1	99.17	97.97	97.08	96.87
72.0	87.24	85.18	83.44	82.18	81.47	81.24
75.0	72.04	70.04	68.29	67.21	66.66	66.29
78.0	57.63	55.65	54.00	53.04	52.48	52.35
81.0	44.25	42.47	41.01	40.13	39.70	39.61
84.0	32.35	30.76	29.51	28.77	28.45	28.49
87.0	22.23	20.89	19.72	19.29	19.09	19.21
90.0	14.09	12.74	11.74	11.80	11.67	11.85
93.0	6.950	6.353	4.937	5.343	5.151	5.259
96.0	0.0706	0.1023	0.1125	0.0995	0.1054	0.0851
99.0	0.0980	0.1359	0.1367	0.1294	0.1624	0.1719
102.0	0.1473	0.1809	0.1809	0.1777	0.2112	0.2172
105.0	0.1649	0.2221	0.2131	0.2091	0.2375	0.2467
108.0	0.1790	0.2493	0.2532	0.2444	0.2586	0.2676
111.0	0.1937	0.2823	0.2886	0.2794	0.2648	0.2829
114.0	0.2071	0.3151	0.3260	0.3144	0.2645	0.2971
117.0	0.2201	0.3363	0.3585	0.3414	0.3063	0.3137
120.0	0.2273	0.3163	0.3583	0.3577	0.3252	0.3304
123.0	0.1447	0.3454	0.3791	0.3498	0.3339	0.3478
126.0	0.1530	0.3991	0.4322	0.3586	0.3236	0.3638
129.0	0.1522	0.4165	0.4439	0.3076	0.3606	0.3789
132.0	0.1696	0.4320	0.4523	0.2988	0.3974	0.3947
135.0	0.2734	0.4473	0.4424	0.3057	0.4170	0.4085
138.0	0.2774	0.4649	0.4757	0.3052	0.4334	0.4202
141.0	0.2818	0.4842	0.4881	0.4195	0.4452	0.4078
144.0	0.2856	0.4976	0.3953	0.4546	0.4534	0.4395
147.0	0.2880	0.5102	0.5055	0.5016	0.3306	0.3460
150.0	0.2873	0.5191	0.5444	0.5226	0.3062	0.4059
153.0	0.2913	0.5204	0.5585	0.5363	0.3084	0.4502
156.0	0.4251	0.5168	0.5598	0.5443	0.3181	0.3339
159.0	0.4642	0.4173	0.5531	0.5433	0.3293	0.2246
162.0	0.3384	0.3404	0.5496	0.5433	0.3389	0.3408
165.0	0.3403	0.3484	0.4956	0.5083	0.2849	0.2552
168.0	0.2817	0.3649	0.3487	0.2674	0.3045	0.2144
171.0	0.2739	0.3176	0.1564	0.1576	0.2919	0.3365
174.0	0.2209	0.2994	0.1471	0.0780	0.3026	0.2836
177.0	0.0499	0.0129	0.0240	0.0446	0.0481	0.0044
180.0	0	0	0	0	0	0

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators:Biao
Test Date:09 June 2017

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.353
Humidity: 49.3%
Test Distance:1.851m [K=1.0000]
Remarks: