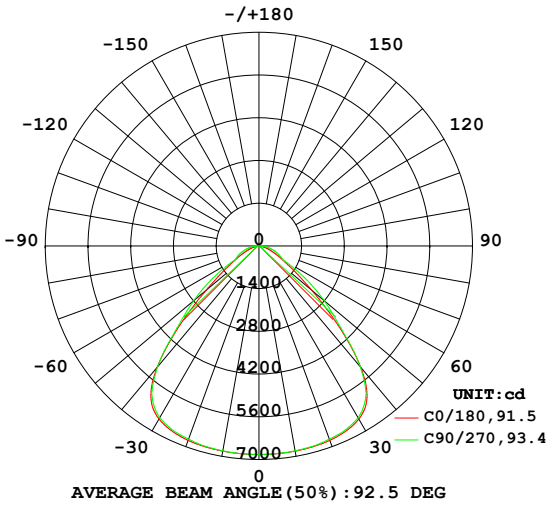
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.5320A P:118.7W PF:0.9703 Lamp Flux:14783.9x1 lm		
NAME: LHB01-120	TYPE:120W	WEIGHT:
SPEC.:4000K Ra80 90DEG L02805	DIM.: 0.948*0.137*0.102	SERIAL No.:
MFR.:	SUR.:0.92*0.1	Shielding Angle:

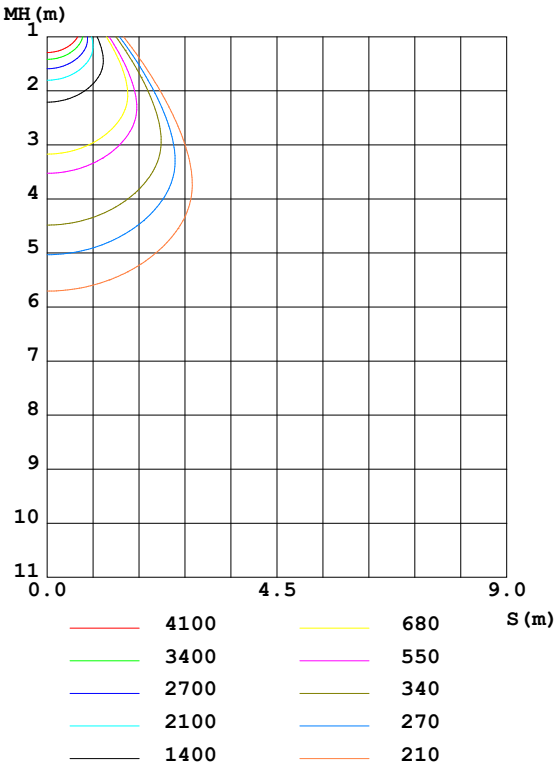
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.50 lm/W			
MODEL	LHB01-120	Imax(cd)	6835	S/MH(C0/180)	1.31
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	14784	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	14783.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):92.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [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
5	6833	6831	6830	6831	6833	6830	6830	6830	0- 5	163.3	163.3	1.1,1.1
10	6828	6827	6818	6827	6828	6824	6818	6824	5- 10	488.5	651.8	4.41,4.41
15	6814	6808	6797	6808	6814	6802	6797	6802	10- 15	808.5	1460	9.88,9.88
20	6781	6773	6740	6773	6781	6763	6740	6763	15- 20	1119	2579	17.4,17.4
25	6708	6683	6664	6683	6708	6671	6664	6671	20- 25	1411	3990	27,27
30	6550	6513	6504	6513	6550	6500	6504	6500	25- 30	1672	5662	38.3,38.3
35	6164	6132	6092	6132	6164	6113	6092	6113	30- 35	1868	7530	50.9,50.9
40	5191	5188	5167	5188	5191	5184	5167	5184	35- 40	1898	9428	63.8,63.8
45	3659	3700	3798	3700	3659	3710	3798	3710	40- 45	1645	11073	74.9,74.9
50	2264	2329	2794	2329	2264	2305	2794	2305	45- 50	1218	12291	83.1,83.1
55	1373	1441	1846	1441	1373	1414	1846	1414	50- 55	849.9	13141	88.9,88.9
60	872.3	981.2	898.8	981.2	872.3	962.5	898.8	962.5	55- 60	568.3	13709	92.7,92.7
65	562.4	625.7	749.8	625.7	562.4	615.1	749.8	615.1	60- 65	368.8	14078	95.2,95.2
70	360.5	404.8	600.9	404.8	360.5	399.2	600.9	399.2	65- 70	267.9	14346	97,97
75	215.3	295.8	451.9	295.8	215.3	291.9	451.9	291.9	70- 75	197.2	14543	98.4,98.4
80	51.11	194.4	302.9	194.4	51.11	192.0	302.9	192.0	75- 80	135.7	14679	99.3,99.3
85	8.032	98.37	154.0	98.37	8.032	97.30	154.0	97.30	80- 85	77.80	14757	99.8,99.8
90	2.866	4.946	5.027	4.946	2.866	5.280	5.027	5.280	85- 90	27.15	14784	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11073 lm

%lum = 74.9%
%lamp = 74.9%

Conical surface Flux(120deg): 13709 lm

%lum = 92.7%
%lamp = 92.7%

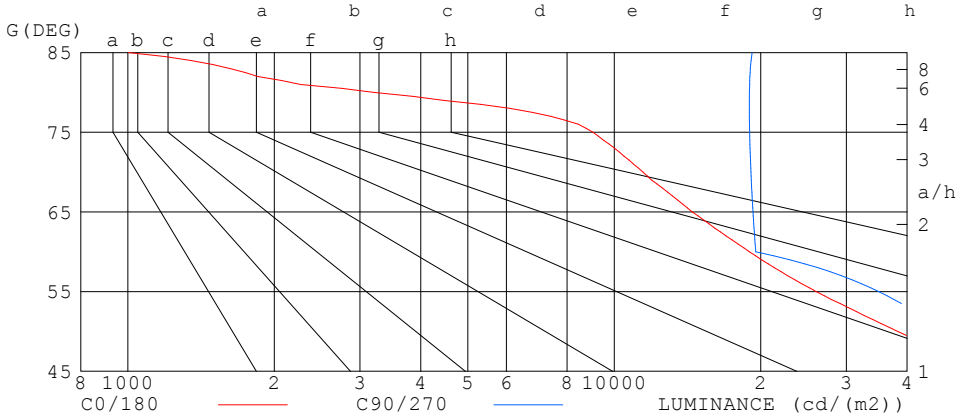
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

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
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1002	19204
80	3199	18963
75	9041	18978
70	11457	19096
65	14464	19285
60	18963	19539
55	26020	34988
50	38290	47243
45	56245	58382

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Test Speed: HIGH
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Operators:
Test Date:2017-04-24

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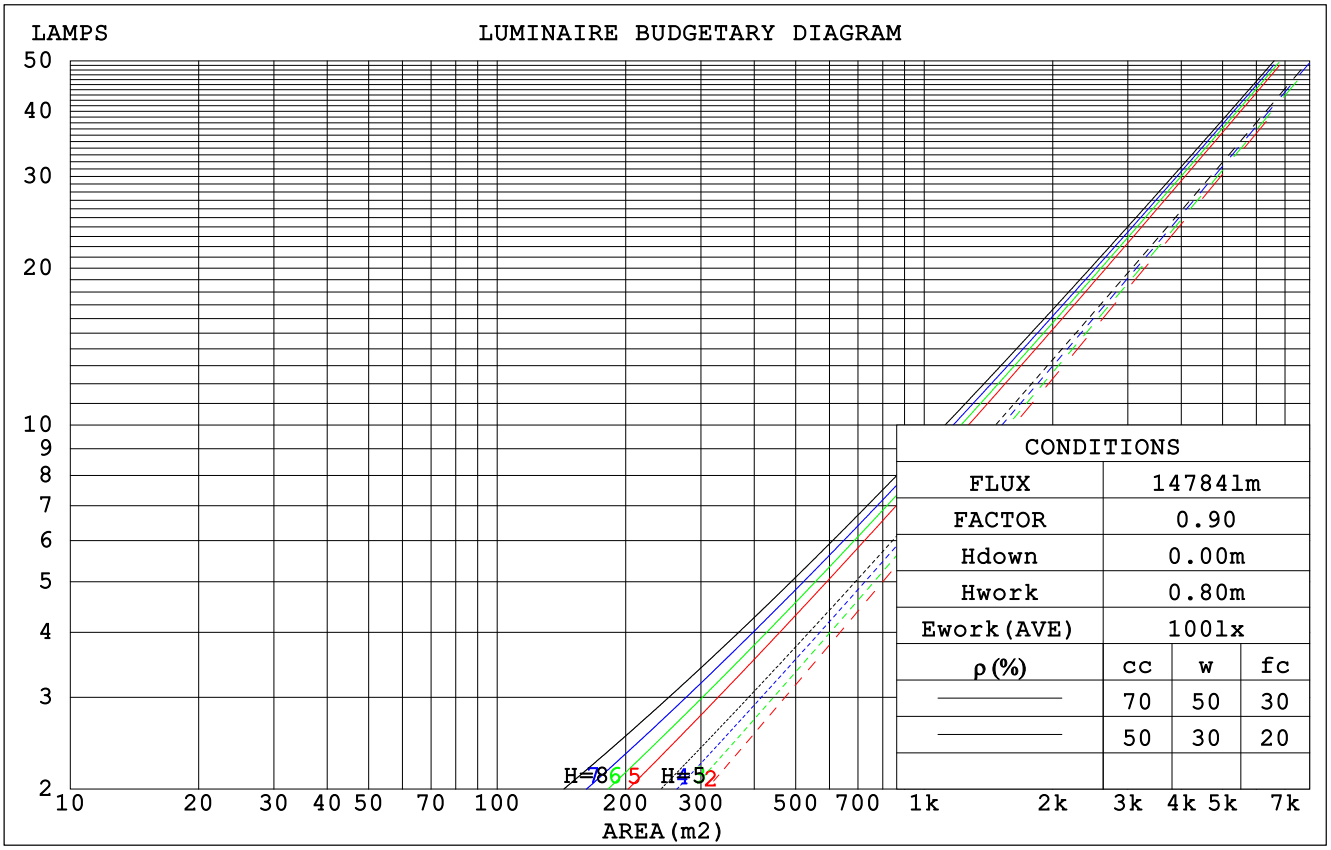
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.97	.91	.86	.95	.90	.85	.91	.87	.83	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.80	.75	.85	.79	.74	.83	.77	.73	.80	.75	.72	.78	.74	.71	.69
4.0	.79	.71	.66	.77	.70	.65	.75	.69	.64	.73	.68	.63	.71	.66	.63	.61
5.0	.71	.64	.58	.70	.63	.58	.68	.62	.57	.66	.61	.56	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.51	.62	.56	.51	.61	.55	.51	.59	.54	.50	.48
7.0	.60	.52	.46	.59	.51	.46	.57	.51	.46	.56	.50	.46	.55	.49	.45	.43
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
9.0	.50	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.36
10.0	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.39	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

WEC AND CCEC

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.242	.138	.044	.236	.134	.043	.223	.128	.041	.211	.122	.039	.200	.116	.037	
2.0	.234	.128	.039	.228	.125	.039	.216	.120	.037	.206	.116	.036	.197	.111	.035	
3.0	.221	.118	.035	.216	.116	.035	.207	.112	.034	.197	.108	.033	.189	.105	.032	
4.0	.209	.109	.032	.204	.107	.032	.196	.104	.031	.188	.101	.030	.180	.098	.030	
5.0	.197	.100	.029	.193	.099	.029	.185	.097	.028	.178	.094	.028	.172	.092	.028	
6.0	.186	.093	.027	.182	.092	.027	.176	.090	.026	.169	.088	.026	.163	.086	.026	
7.0	.176	.087	.025	.173	.086	.024	.166	.084	.024	.161	.082	.024	.155	.081	.024	
8.0	.166	.081	.023	.163	.080	.023	.158	.079	.023	.153	.077	.022	.148	.076	.022	
9.0	.158	.076	.021	.155	.076	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.147	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.164	.132	.105	.141	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.155	.114	.081	.133	.098	.070	.091	.068	.049	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.064	.126	.086	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

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	23.9	25.2	24.1	25.3	25.5	24.5	25.8	24.7	26.0	26.2
	3H	24.0	25.2	24.3	25.4	25.6	24.9	26.1	25.2	26.3	26.5
	4H	24.0	25.2	24.3	25.4	25.6	25.2	26.3	25.5	26.5	26.8
	6H	24.0	25.0	24.3	25.3	25.6	25.4	26.5	25.7	26.7	27.0
	8H	24.0	25.0	24.3	25.2	25.5	25.5	26.5	25.9	26.8	27.1
	12H	23.9	24.9	24.2	25.2	25.5	25.6	26.6	25.9	26.9	27.2
4H	2H	23.9	25.0	24.2	25.3	25.5	24.5	25.6	24.8	25.8	26.1
	3H	24.2	25.1	24.5	25.4	25.7	25.0	26.0	25.4	26.3	26.6
	4H	24.2	25.1	24.6	25.4	25.8	25.4	26.3	25.8	26.6	26.9
	6H	24.3	25.0	24.7	25.4	25.7	25.8	26.6	26.2	26.9	27.3
	8H	24.2	25.0	24.7	25.3	25.7	26.0	26.7	26.4	27.1	27.5
	12H	24.2	24.9	24.6	25.2	25.6	26.2	26.8	26.6	27.2	27.6
8H	4H	24.3	25.0	24.7	25.4	25.7	25.4	26.1	25.8	26.5	26.9
	6H	24.4	25.0	24.8	25.4	25.8	25.9	26.5	26.4	26.9	27.3
	8H	24.4	24.9	24.9	25.4	25.8	26.2	26.7	26.7	27.1	27.6
	12H	24.4	24.9	24.9	25.3	25.8	26.4	26.9	26.9	27.3	27.8
12H	4H	24.3	25.0	24.7	25.3	25.7	25.4	26.0	25.8	26.4	26.8
	6H	24.4	25.0	24.9	25.4	25.8	25.9	26.4	26.4	26.9	27.3
	8H	24.5	24.9	25.0	25.4	25.8	26.2	26.7	26.7	27.1	27.6
Variations with the observer position at spacings:											
S = 1.0H		+ 1.3 / - 1.9					+ 0.8 / - 0.9				
1.5H		+ 1.4 / - 1.6					+ 0.7 / - 0.7				
2.0H		+ 2.9 / - 2.1					+ 1.9 / - 1.8				

CIE Pub.117 Corrected 14784 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.4)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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) x RCR = 5									
k = 0.60	69	59	53	68	59	53	67	58	53	48
0.80	78	69	63	78	69	63	76	68	63	57
1.00	86	78	72	85	77	72	83	78	71	65
1.25	92	84	79	91	84	79	89	82	78	72
1.50	97	89	84	95	88	83	92	87	82	76
2.00	102	95	91	100	94	90	97	92	88	82
2.50	104	99	94	103	97	93	99	95	91	84
3.00	107	102	98	105	100	97	101	98	94	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	103	105	102	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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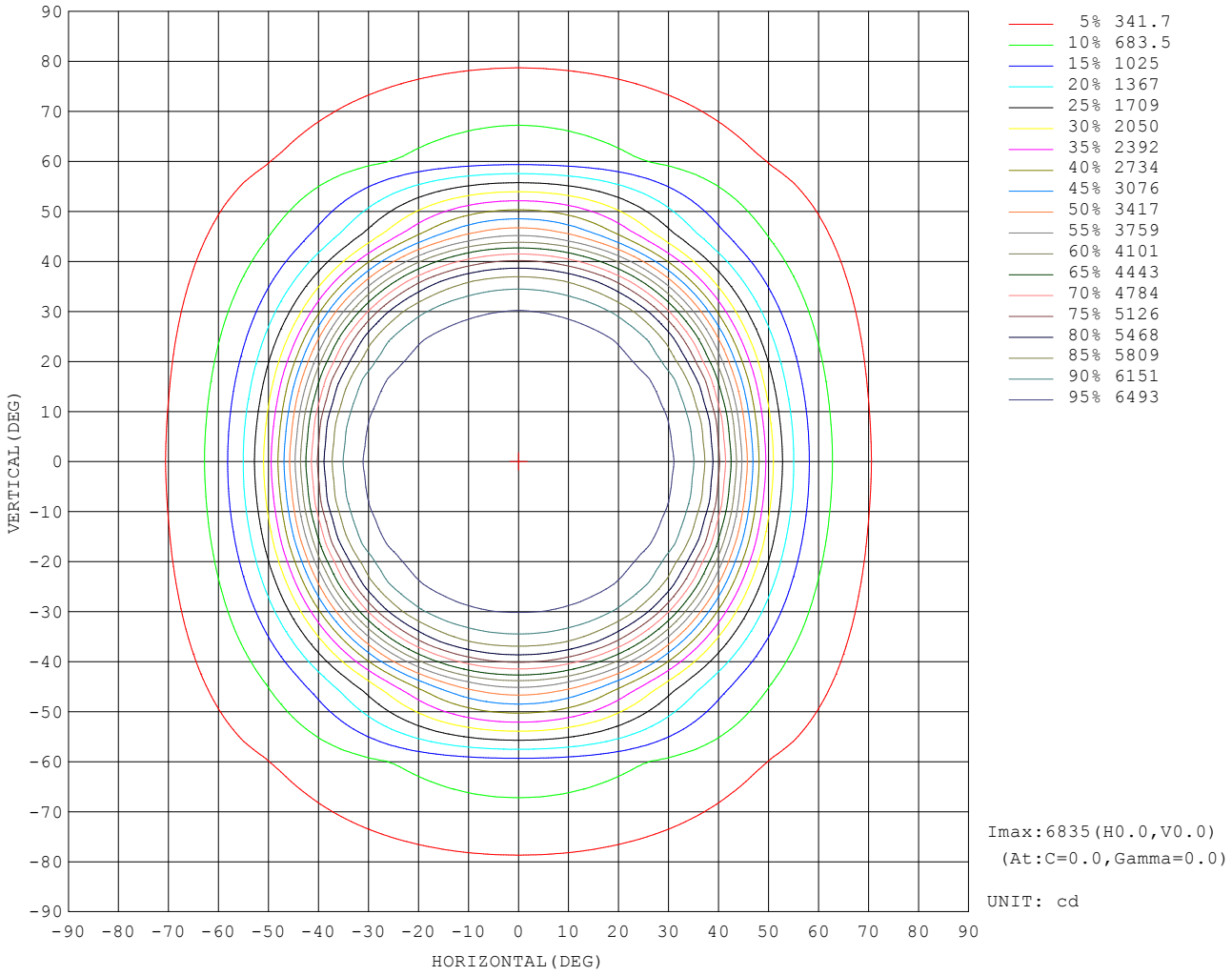
Remarks:

ISOCANDELA DIAGRAM



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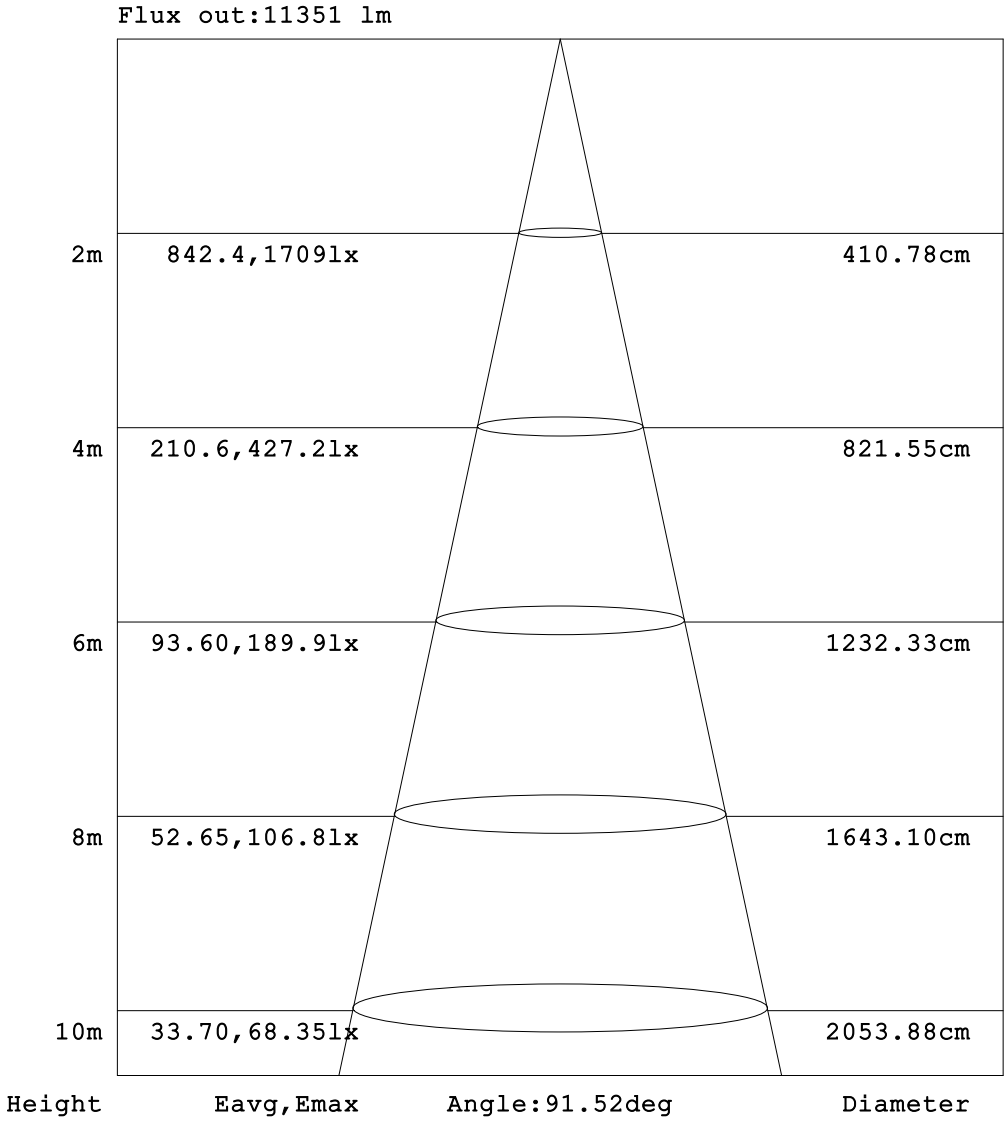
Remarks:

AAI Figure



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

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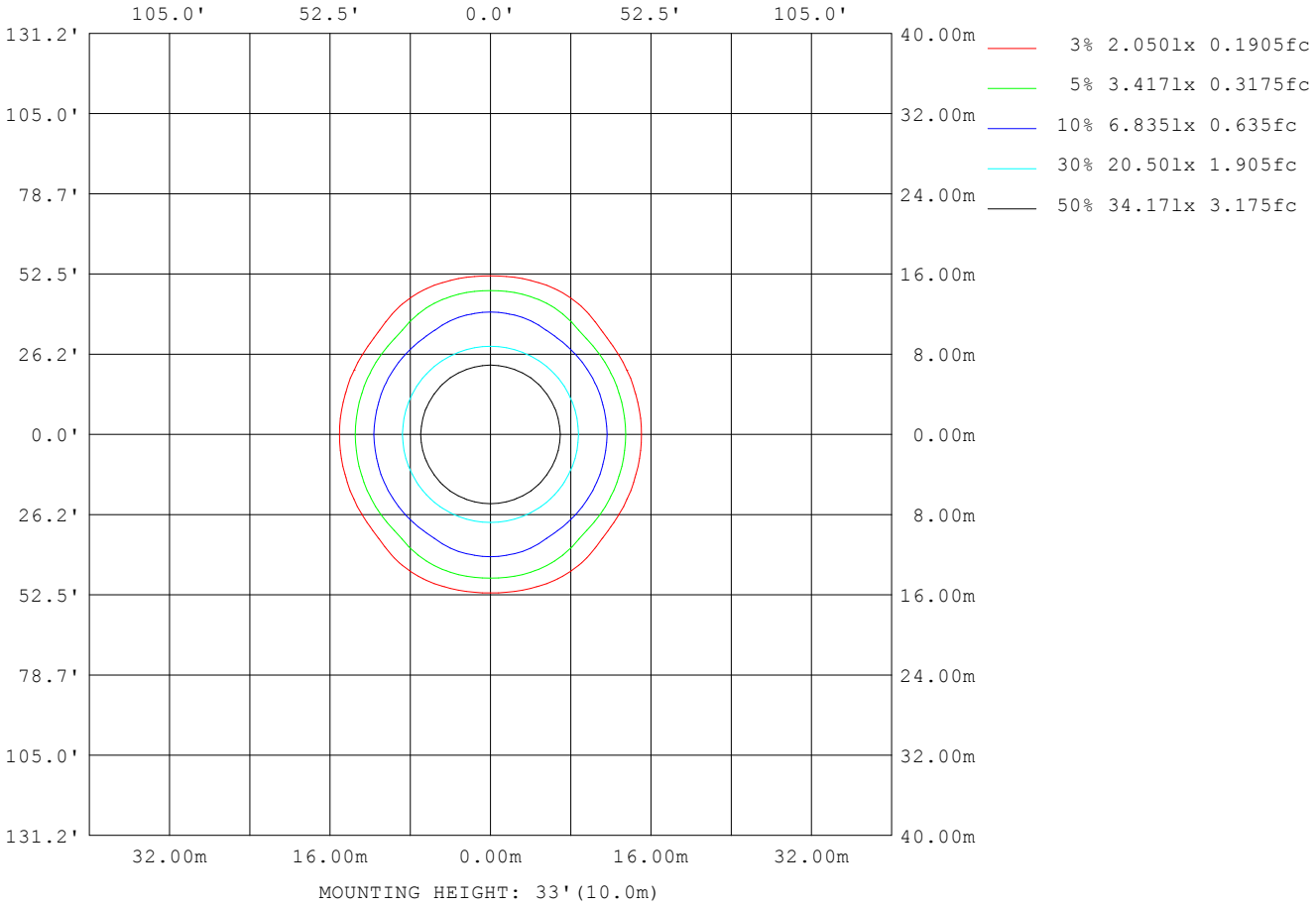
ISOLUX DIAGRAM



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Remarks:

LED Avg.L Report

Test:U:230.0V I:0.5320A P:118.7W PF:0.9703 Lamp Flux:14783.9x1 lm		
NAME: LHB01-120	TYPE:120W	WEIGHT:
SPEC.:4000K Ra80 90DEG L02805	DIM.: 0.948*0.137*0.102	SERIAL No.:
MFR.:	SUR.:0.92*0.1	Shielding Angle:

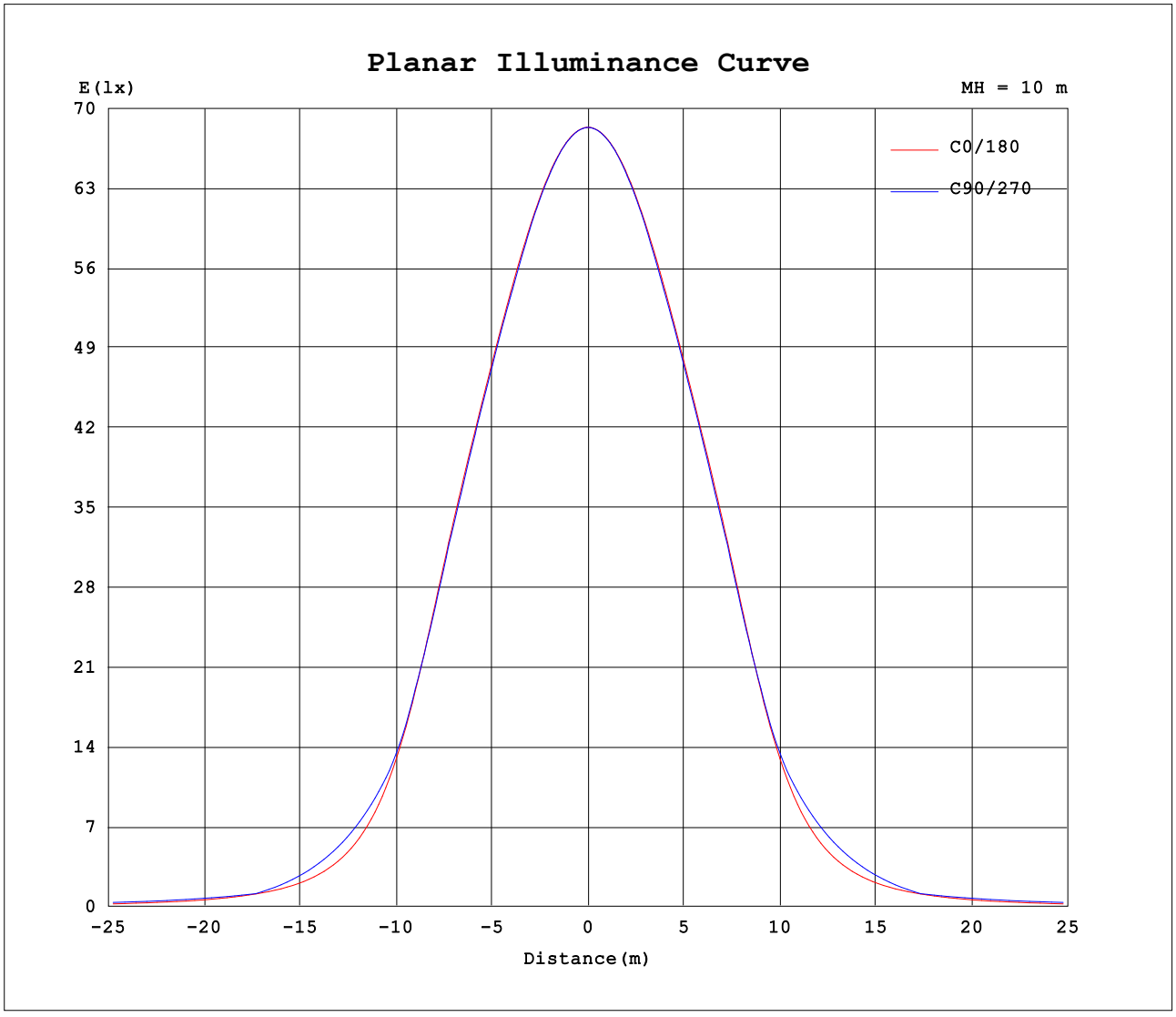
AvgL	cd/m2
L_0~180(65)av	14464
L_0~180(75)av	9041
L_0~180(85)av	1002
L_90~270(65)av	19285
L_90~270(75)av	18978
L_90~270(85)av	19204
L_45(65)av	15956
L_45(75)av	12339
L_45(85)av	12202

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
5	6833	6833	6832	6832	6832	6831	6831	6831	6831	6831	6830	6830	6830	6830	6830	6830	6830	6830	6830
10	6828	6827	6827	6827	6827	6827	6826	6826	6826	6827	6827	6826	6824	6822	6821	6820	6819	6818	6818
15	6814	6813	6813	6813	6814	6815	6817	6814	6811	6808	6806	6804	6803	6801	6800	6799	6798	6798	6797
20	6781	6780	6779	6781	6784	6783	6778	6774	6773	6773	6773	6768	6760	6755	6751	6747	6744	6742	6740
25	6708	6703	6702	6707	6704	6697	6696	6700	6696	6683	6677	6675	6675	6676	6677	6675	6670	6667	6664
30	6550	6538	6540	6546	6530	6531	6541	6511	6505	6513	6530	6522	6516	6513	6510	6508	6507	6506	6504
35	6164	6138	6152	6131	6128	6145	6090	6103	6149	6132	6128	6140	6119	6110	6100	6101	6095	6093	6092
40	5191	5143	5180	5135	5191	5121	5149	5178	5181	5188	5175	5180	5201	5178	5171	5161	5162	5165	5167
45	3659	3614	3628	3640	3637	3646	3672	3677	3692	3700	3711	3724	3726	3729	3739	3740	3772	3791	3798
50	2264	2246	2248	2269	2268	2283	2293	2304	2317	2329	2336	2359	2422	2539	2642	2713	2759	2786	2794
55	1373	1373	1369	1374	1381	1388	1395	1405	1411	1441	1523	1619	1702	1765	1811	1834	1844	1847	1846
60	872	869	864	867	874	877	883	892	932	981	1025	1055	1065	1052	1020	979	939	910	899
65	562	559	560	563	568	572	584	604	620	626	612	590	625	658	688	714	734	746	750
70	361	355	357	362	369	376	384	384	379	405	433	463	492	521	547	570	587	598	601
75	215	214	220	228	231	234	237	256	275	296	318	342	365	388	409	427	441	449	452
80	51.1	63.5	97.2	123	134	143	153	166	180	194	210	226	243	258	273	286	295	301	303
85	8.03	14.1	23.7	48.6	65.7	71.3	77.2	83.7	90.6	98.4	106	115	123	131	139	145	150	153	154
90	2.87	5.33	5.32	5.36	5.21	5.08	4.99	4.95	4.95	4.95	4.96	4.99	5.01	5.03	5.05	5.06	5.05	5.03	5.03

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
5	6830	6830	6830	6830	6830	6830	6830	6830	6831	6831	6831	6831	6831	6832	6832	6832	6833	6833	6833
10	6818	6819	6820	6821	6822	6824	6826	6827	6827	6826	6826	6826	6827	6827	6827	6827	6827	6828	6827
15	6798	6798	6799	6800	6801	6803	6804	6806	6808	6811	6814	6817	6815	6814	6813	6813	6813	6814	6812
20	6742	6744	6747	6751	6755	6760	6768	6773	6773	6773	6774	6778	6783	6784	6781	6779	6780	6781	6778
25	6667	6670	6675	6677	6676	6675	6675	6677	6683	6696	6700	6696	6697	6704	6707	6702	6703	6708	6701
30	6506	6507	6508	6510	6513	6516	6522	6530	6513	6505	6511	6541	6531	6530	6546	6540	6538	6550	6537
35	6093	6095	6101	6100	6110	6119	6140	6128	6132	6149	6103	6090	6145	6128	6131	6152	6138	6164	6136
40	5165	5162	5161	5171	5178	5201	5180	5175	5188	5181	5178	5149	5121	5191	5135	5180	5143	5191	5147
45	3791	3772	3740	3739	3729	3726	3724	3711	3700	3692	3677	3672	3646	3637	3640	3628	3614	3659	3618
50	2786	2759	2713	2642	2539	2422	2359	2336	2329	2317	2304	2293	2283	2268	2269	2248	2246	2264	2246
55	1847	1844	1834	1811	1765	1702	1619	1523	1441	1411	1405	1395	1388	1381	1374	1369	1373	1373	1371
60	910	939	979	1020	1052	1065	1055	1025	981	932	892	883	877	874	867	864	869	872	866
65	746	734	714	688	658	625	590	612	626	620	604	584	572	568	563	560	559	562	560
70	598	587	570	547	521	492	463	433	405	379	384	384	376	369	362	357	355	361	356
75	449	441	427	409	388	365	342	318	296	275	256	237	234	231	228	220	214	215	215
80	301	295	286	273	258	243	226	210	194	180	166	153	143	134	123	97.2	63.5	51.1	60.9
85	153	150	145	139	131	123	115	106	98.4	90.6	83.7	77.2	71.3	65.7	48.6	23.7	14.1	8.03	13.8
90	5.03	5.05	5.06	5.05	5.03	5.01	4.99	4.96	4.95	4.95	4.95	4.99	5.08	5.21	5.36	5.32	5.33	2.87	5.05

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3 UNIT: cd

γ (DEG) \ C(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
5	6832	6832	6831	6831	6830	6830	6830	6830	6830	6830	6829	6829	6829	6830	6830	6830	6830	6830	6830
10	6826	6825	6825	6824	6824	6824	6824	6824	6824	6823	6821	6820	6819	6818	6818	6818	6818	6818	6818
15	6811	6810	6810	6810	6810	6808	6805	6802	6799	6798	6797	6796	6796	6795	6795	6796	6797	6796	6795
20	6775	6775	6776	6774	6768	6765	6763	6763	6764	6758	6751	6745	6742	6740	6739	6739	6740	6739	6739
25	6698	6700	6697	6689	6686	6688	6684	6671	6664	6661	6661	6662	6664	6663	6662	6662	6664	6662	6662
30	6537	6541	6524	6524	6533	6500	6492	6500	6516	6506	6499	6495	6493	6493	6496	6500	6504	6500	6496
35	6147	6124	6119	6134	6079	6088	6130	6113	6109	6119	6098	6090	6082	6086	6085	6088	6092	6088	6085
40	5188	5142	5198	5129	5157	5183	5179	5184	5171	5175	5193	5170	5163	5156	5158	5163	5167	5163	5158
45	3637	3646	3646	3661	3680	3692	3696	3710	3713	3721	3730	3735	3740	3739	3773	3791	3798	3791	3773
50	2244	2261	2261	2271	2277	2286	2296	2305	2310	2339	2409	2533	2636	2710	2758	2785	2794	2785	2758
55	1363	1365	1370	1373	1374	1381	1384	1414	1499	1598	1687	1756	1803	1829	1841	1845	1846	1845	1841
60	862	863	865	867	870	877	915	963	1008	1040	1052	1042	1012	972	934	907	899	907	934
65	560	562	565	565	576	596	610	615	602	581	616	649	681	708	730	744	750	744	730
70	359	361	367	374	380	379	374	399	427	456	485	514	541	565	583	596	601	596	583
75	222	227	231	234	237	252	272	292	314	337	360	383	404	423	438	448	452	448	438
80	95.8	124	134	144	153	164	178	192	207	223	239	255	270	283	293	300	303	300	293
85	21.9	46.0	65.6	71.6	77.3	83.2	89.8	97.3	105	113	121	130	137	144	149	153	154	153	149
90	5.02	4.84	4.75	5.09	5.33	5.30	5.27	5.28	5.30	5.28	5.26	5.24	5.21	5.16	5.11	5.04	5.03	5.04	5.11

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4 UNIT: cd

C(DEG) / γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835				
5	6830	6829	6829	6829	6830	6830	6830	6830	6830	6830	6831	6831	6832	6832	6833				
10	6818	6819	6820	6821	6823	6824	6824	6824	6824	6824	6824	6825	6825	6826	6827				
15	6795	6796	6796	6797	6798	6799	6802	6805	6808	6810	6810	6810	6810	6811	6812				
20	6740	6742	6745	6751	6758	6764	6763	6763	6765	6768	6774	6776	6775	6775	6778				
25	6663	6664	6662	6661	6661	6664	6671	6684	6688	6686	6689	6697	6700	6698	6701				
30	6493	6493	6495	6499	6506	6516	6500	6492	6500	6533	6524	6524	6541	6537	6537				
35	6086	6082	6090	6098	6119	6109	6113	6130	6088	6079	6134	6119	6124	6147	6136				
40	5156	5163	5170	5193	5175	5171	5184	5179	5183	5157	5129	5198	5142	5188	5147				
45	3739	3740	3735	3730	3721	3713	3710	3696	3692	3680	3661	3646	3646	3637	3618				
50	2710	2636	2533	2409	2339	2310	2305	2296	2286	2277	2271	2261	2261	2244	2246				
55	1829	1803	1756	1687	1598	1499	1414	1384	1381	1374	1373	1370	1365	1363	1371				
60	972	1012	1042	1052	1040	1008	963	915	877	870	867	865	863	862	866				
65	708	681	649	616	581	602	615	610	596	576	565	565	562	560	560				
70	565	541	514	485	456	427	399	374	379	380	374	367	361	359	356				
75	423	404	383	360	337	314	292	272	252	237	234	231	227	222	215				
80	283	270	255	239	223	207	192	178	164	153	144	134	124	95.8	60.9				
85	144	137	130	121	113	105	97.3	89.8	83.2	77.3	71.6	65.6	46.0	21.9	13.8				
90	5.16	5.21	5.24	5.26	5.28	5.30	5.28	5.27	5.30	5.33	5.09	4.75	4.84	5.02	5.05				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-04-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks: