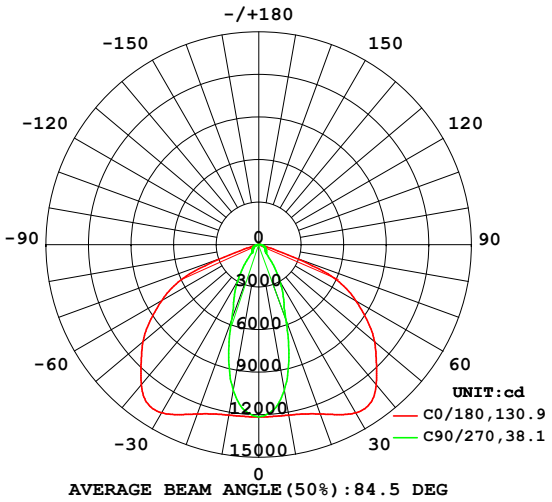
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.6679A P:148.2W PF:0.9656 Lamp Flux:18078.8x1 lm		
NAME: LHB01-150	TYPE:150W	WEIGHT:
SPEC.:4000K Ra80 40130DEG L02804	DIM.: 1.178*0.137*0.102	SERIAL No.:
MFR.:	SUR.:1.17*0.1	Shielding Angle:

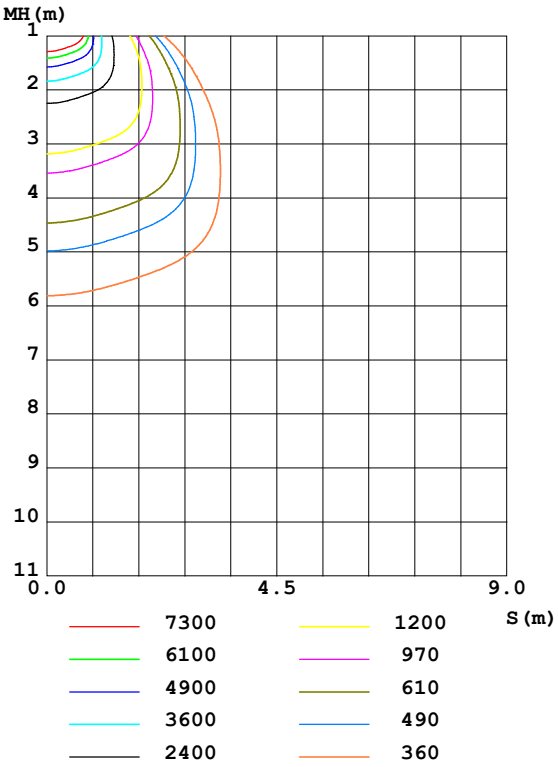
DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.96 lm/W			
MODEL	LHB01-150	Imax(cd)	13772	S/MH(C0/180)	1.64
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	18079	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	18078.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):84.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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	1216	1189	1171	1189	1216	1192	1171	1192	0- 5	287.3	287.3	1.59,1.59
10	1221	1124	1042	1124	1221	1133	1042	1133	5- 10	830.3	1118	6.18,6.18
15	1236	1012	822.5	1012	1236	1024	822.5	1024	10- 15	1277	2394	13.2,13.2
20	1271	854.7	556.9	854.7	1271	863.1	556.9	863.1	15- 20	1571	3965	21.9,21.9
25	1323	668.3	413.7	668.3	1323	665.5	413.7	665.5	20- 25	1725	5690	31.5,31.5
30	1369	506.7	302.0	506.7	1369	496.1	302.0	496.1	25- 30	1829	7520	41.6,41.6
35	1368	418.2	190.3	418.2	1368	408.9	190.3	408.9	30- 35	1857	9376	51.9,51.9
40	1289	318.9	78.65	318.9	1289	312.0	78.65	312.0	35- 40	1756	11133	61.6,61.6
45	1173	207.4	68.49	207.4	1173	202.0	68.49	202.0	40- 45	1553	12686	70.2,70.2
50	1067	87.97	62.05	87.97	1067	81.62	62.05	81.62	45- 50	1365	14051	77.7,77.7
55	935.2	66.31	56.08	66.31	935.2	62.24	56.08	62.24	50- 55	1189	15241	84.3,84.3
60	790.9	55.70	50.10	55.70	790.9	52.34	50.10	52.34	55- 60	1000.0	16241	89.8,89.8
65	628.3	44.70	43.85	44.70	628.3	42.34	43.85	42.34	60- 65	808.7	17050	94.3,94.3
70	260.3	31.84	35.43	31.84	260.3	31.09	35.43	31.09	65- 70	569.7	17619	97.5,97.5
75	35.46	22.20	26.73	22.20	35.46	22.16	26.73	22.16	70- 75	254.9	17874	98.9,98.9
80	13.24	15.02	18.03	15.02	13.24	14.99	18.03	14.99	75- 80	116.9	17991	99.5,99.5
85	3.758	7.864	9.330	7.864	3.758	7.858	9.330	7.858	80- 85	64.04	18055	99.9,99.9
90	0.9244	0.7276	0.6314	0.7276	0.9244	0.7473	0.6314	0.7473	85- 90	23.70	18079	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:×10cd									UNIT:lm		

Conical surface Flux(90deg): 12686 lm

%lum = 70.2%
%lamp = 70.2%

Conical surface Flux(120deg): 16241 lm

%lum = 89.8%
%lamp = 89.8%

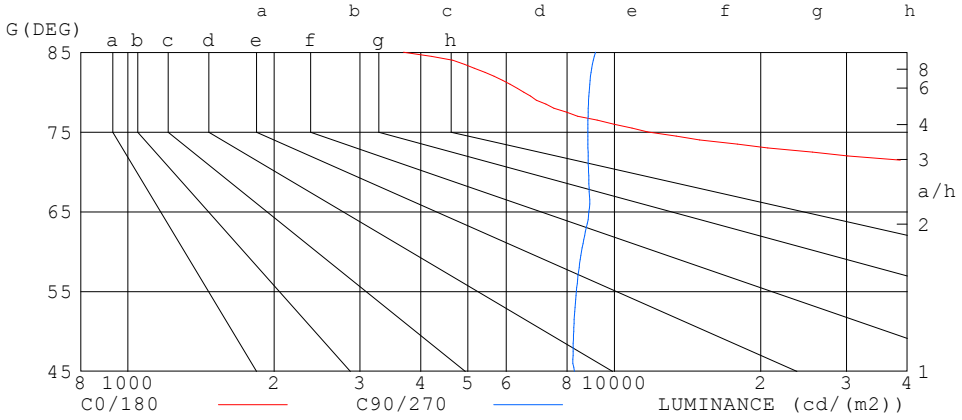
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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	3685	9150
80	6516	8874
75	11708	8826
70	65047	8853
65	127058	8869
60	135190	8564
55	139358	8356
50	141836	8251
45	141836	8279

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Test Date:2017-03-29

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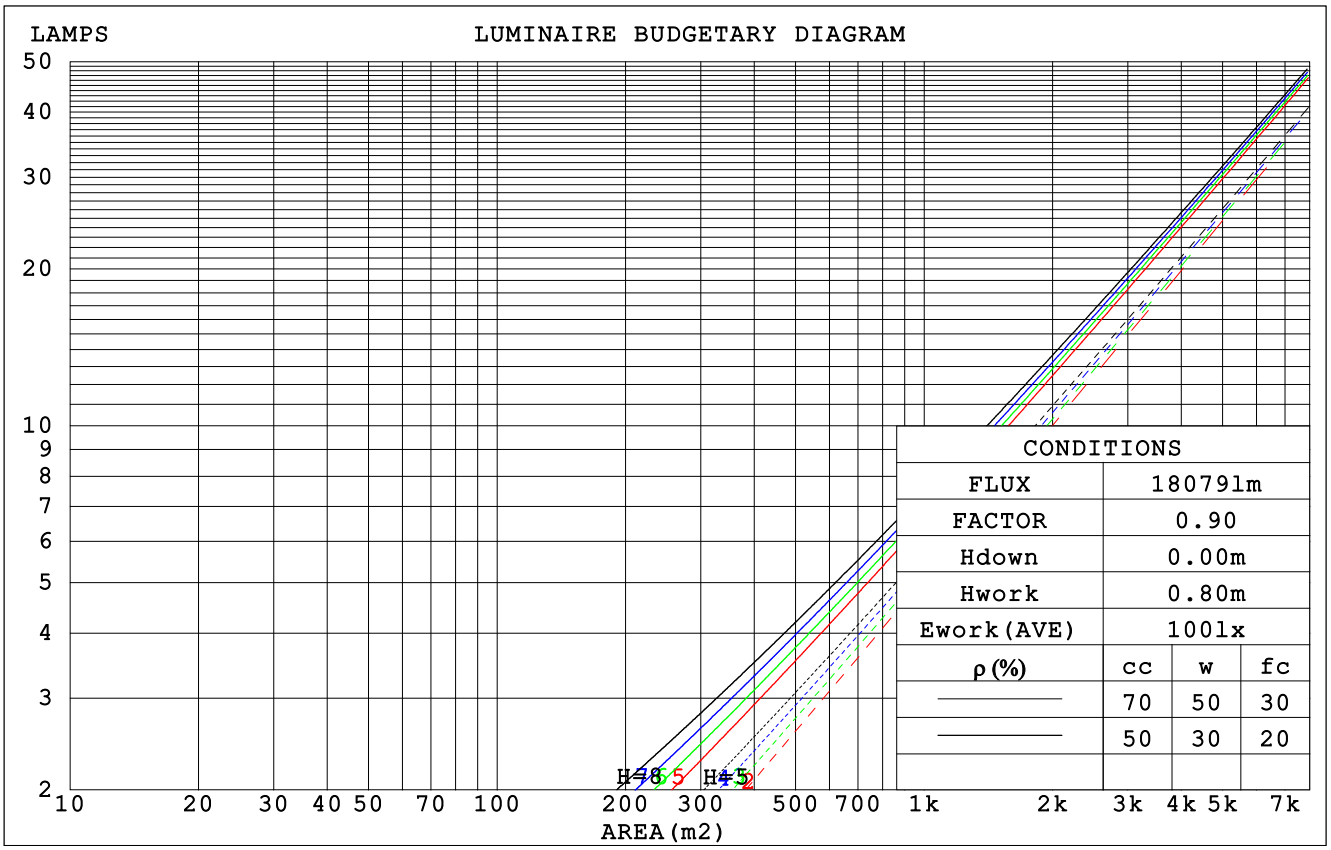
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

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	.98	.96	.97	.95	.93	.94	.92	.90	.89
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.87	.80	.74	.85	.79	.74	.82	.77	.72	.80	.75	.71	.77	.73	.70	.68
4.0	.78	.71	.65	.77	.70	.65	.75	.69	.64	.72	.67	.63	.70	.66	.62	.60
5.0	.71	.63	.58	.70	.63	.57	.68	.62	.57	.66	.61	.56	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.51	.63	.56	.51	.61	.55	.51	.59	.54	.50	.48
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.46	.56	.50	.46	.55	.50	.46	.44
8.0	.55	.48	.42	.55	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.46	.40	.36	.45	.39	.35	.34



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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	.244	.139	.044	.237	.135	.043	.224	.129	.041	.213	.123	.039	.202	.117	.038	
2.0	.237	.130	.040	.231	.127	.039	.219	.122	.038	.209	.117	.037	.199	.113	.036	
3.0	.224	.119	.036	.219	.117	.035	.209	.113	.034	.200	.110	.034	.192	.106	.033	
4.0	.211	.109	.032	.206	.108	.032	.197	.105	.031	.189	.102	.031	.182	.099	.030	
5.0	.198	.101	.029	.194	.099	.029	.186	.097	.029	.179	.094	.028	.172	.092	.028	
6.0	.186	.093	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	.163	.086	.026	
7.0	.175	.086	.025	.172	.086	.024	.166	.084	.024	.160	.082	.024	.155	.080	.024	
8.0	.165	.081	.023	.162	.080	.023	.157	.078	.022	.152	.077	.022	.147	.075	.022	
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.144	.072	.021	.139	.071	.020	
10.0	.148	.071	.020	.145	.070	.020	.141	.069	.019	.137	.068	.019	.133	.067	.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	.165	.132	.105	.141	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.081	.133	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.147	.100	.064	.126	.087	.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	.126	.074	.036	.109	.064	.032	.075	.045	.023	.044	.026	.013	.014	.009	.004	
8.0	.120	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.012	.013	.008	.004	
9.0	.115	.063	.027	.099	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.110	.058	.024	.094	.051	.021	.066	.036	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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	30.2	31.5	30.5	31.7	31.9	16.1	17.4	16.3	17.6	17.7
	3H	31.5	32.7	31.8	32.9	33.2	17.2	18.4	17.5	18.7	18.9
	4H	31.5	32.6	31.8	32.8	33.1	17.9	19.0	18.2	19.2	19.5
	6H	31.4	32.5	31.7	32.7	33.0	18.4	19.5	18.7	19.7	20.0
	8H	31.3	32.4	31.7	32.6	32.9	18.6	19.6	18.9	19.9	20.2
	12H	31.3	32.3	31.6	32.6	32.9	18.8	19.8	19.1	20.0	20.3
4H	2H	30.0	31.1	30.3	31.3	31.6	17.5	18.6	17.8	18.8	19.1
	3H	31.3	32.2	31.6	32.5	32.8	18.5	19.5	18.8	19.7	20.0
	4H	31.2	32.1	31.6	32.4	32.8	19.1	20.0	19.5	20.3	20.6
	6H	31.2	32.0	31.6	32.3	32.7	19.7	20.5	20.1	20.8	21.2
	8H	31.1	31.9	31.5	32.2	32.6	19.9	20.7	20.4	21.0	21.4
	12H	31.1	31.8	31.5	32.1	32.5	20.2	20.8	20.6	21.2	21.6
8H	4H	31.1	31.8	31.5	32.2	32.6	19.4	20.1	19.8	20.5	20.9
	6H	31.1	31.7	31.5	32.1	32.5	20.1	20.7	20.5	21.1	21.5
	8H	31.0	31.5	31.5	32.0	32.4	20.5	21.0	20.9	21.4	21.8
	12H	31.0	31.4	31.5	31.9	32.4	20.8	21.2	21.2	21.7	22.1
12H	4H	31.1	31.7	31.5	32.1	32.5	19.4	20.1	19.8	20.5	20.9
	6H	31.0	31.5	31.5	32.0	32.4	20.2	20.7	20.6	21.1	21.6
	8H	31.0	31.4	31.5	31.9	32.4	20.5	21.0	21.0	21.4	21.9
Variations with the observer position at spacings:											
S = 1.0H		+ 1.0 / - 1.0					+ 0.6 / - 0.8				
1.5H		+ 2.3 / - 4.2					+ 1.1 / - 0.7				
2.0H		+ 3.7 / - 8.7					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 18079 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.1)

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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	67	58	52	67	57	52	66	57	51	46
0.80	77	68	61	76	67	61	75	66	61	55
1.00	85	76	70	84	75	70	82	76	69	63
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	88	82	94	87	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	110	105	102	107	104	100	103	100	98	90
5.00	111	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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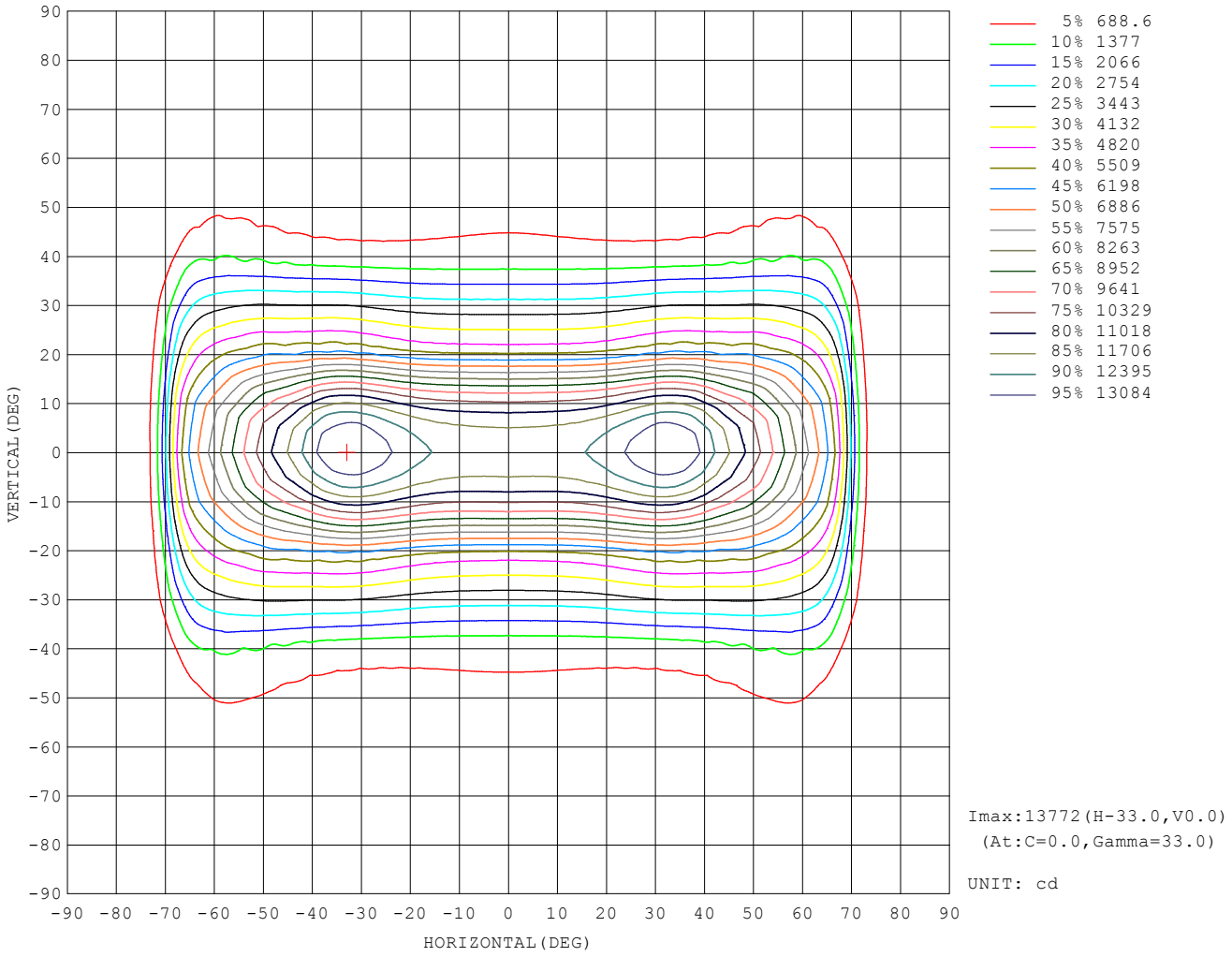
ISOCANDELA DIAGRAM



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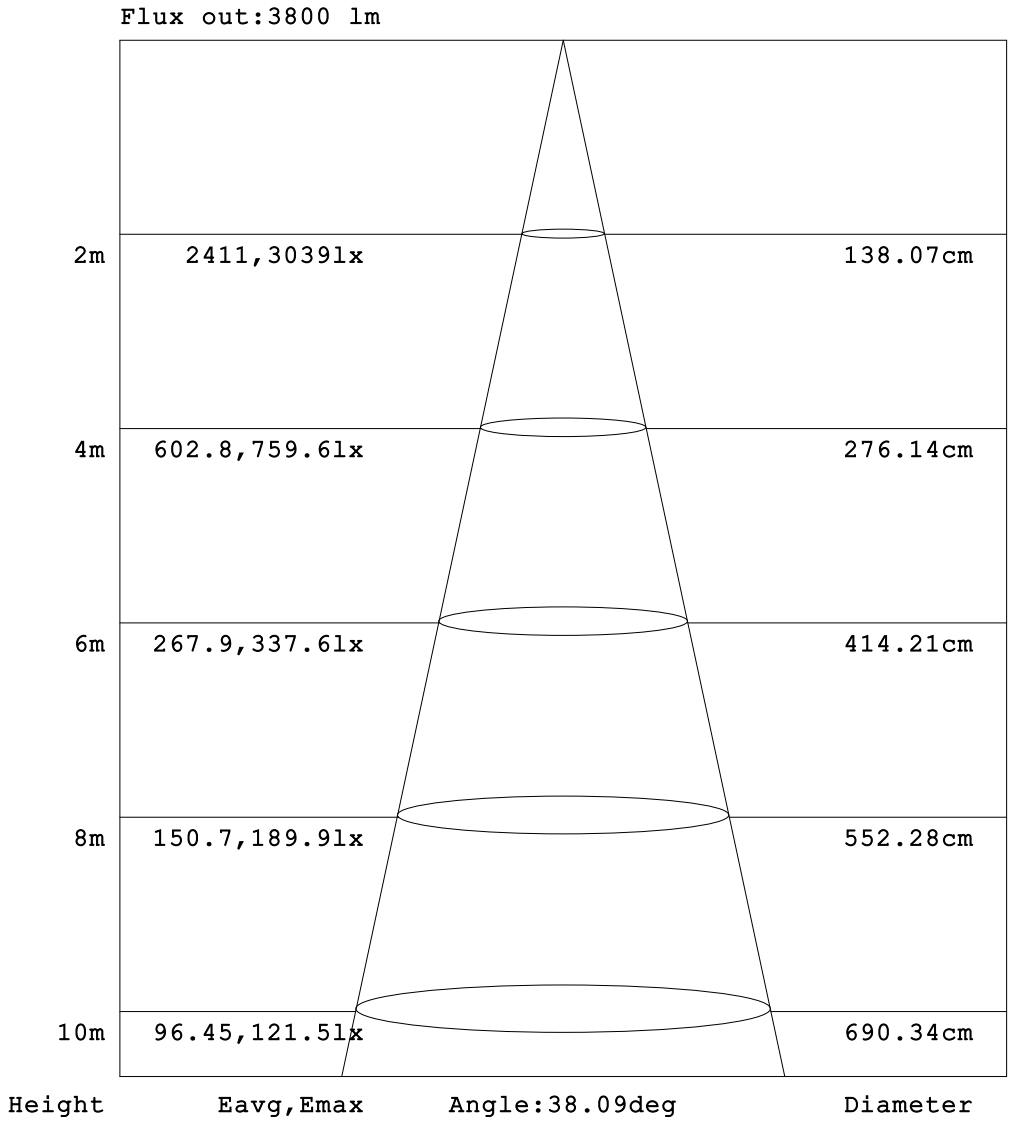
AAI Figure



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

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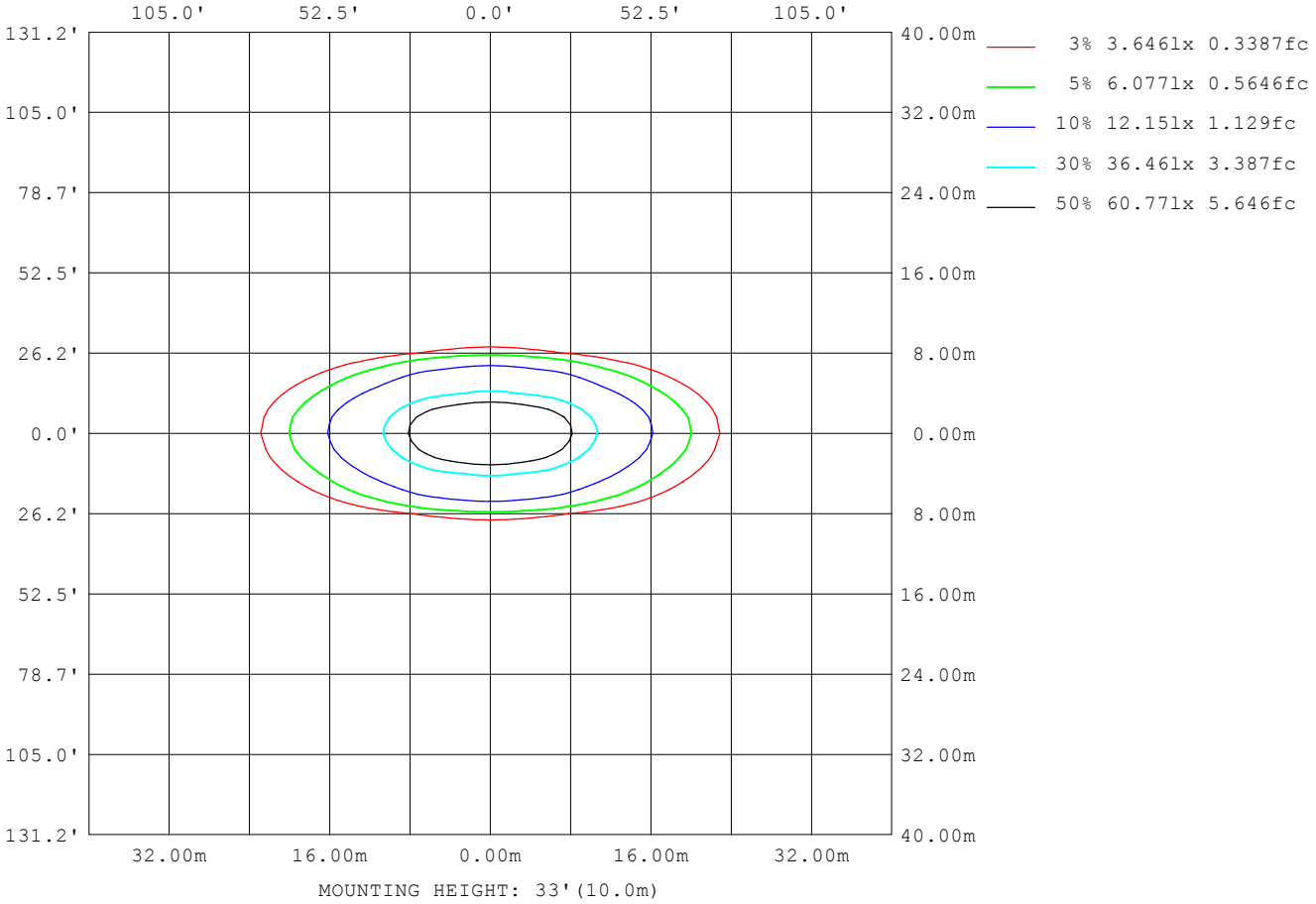
ISOLUX DIAGRAM



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Remarks:

LED Avg.L Report

Test:U:229.8V I:0.6679A P:148.2W PF:0.9656 Lamp Flux:18078.8x1 lm		
NAME: LHB01-150	TYPE:150W	WEIGHT:
SPEC.:4000K Ra80 40130DEG L02804	DIM.: 1.178*0.137*0.102	SERIAL No.:
MFR.:	SUR.:1.17*0.1	Shielding Angle:

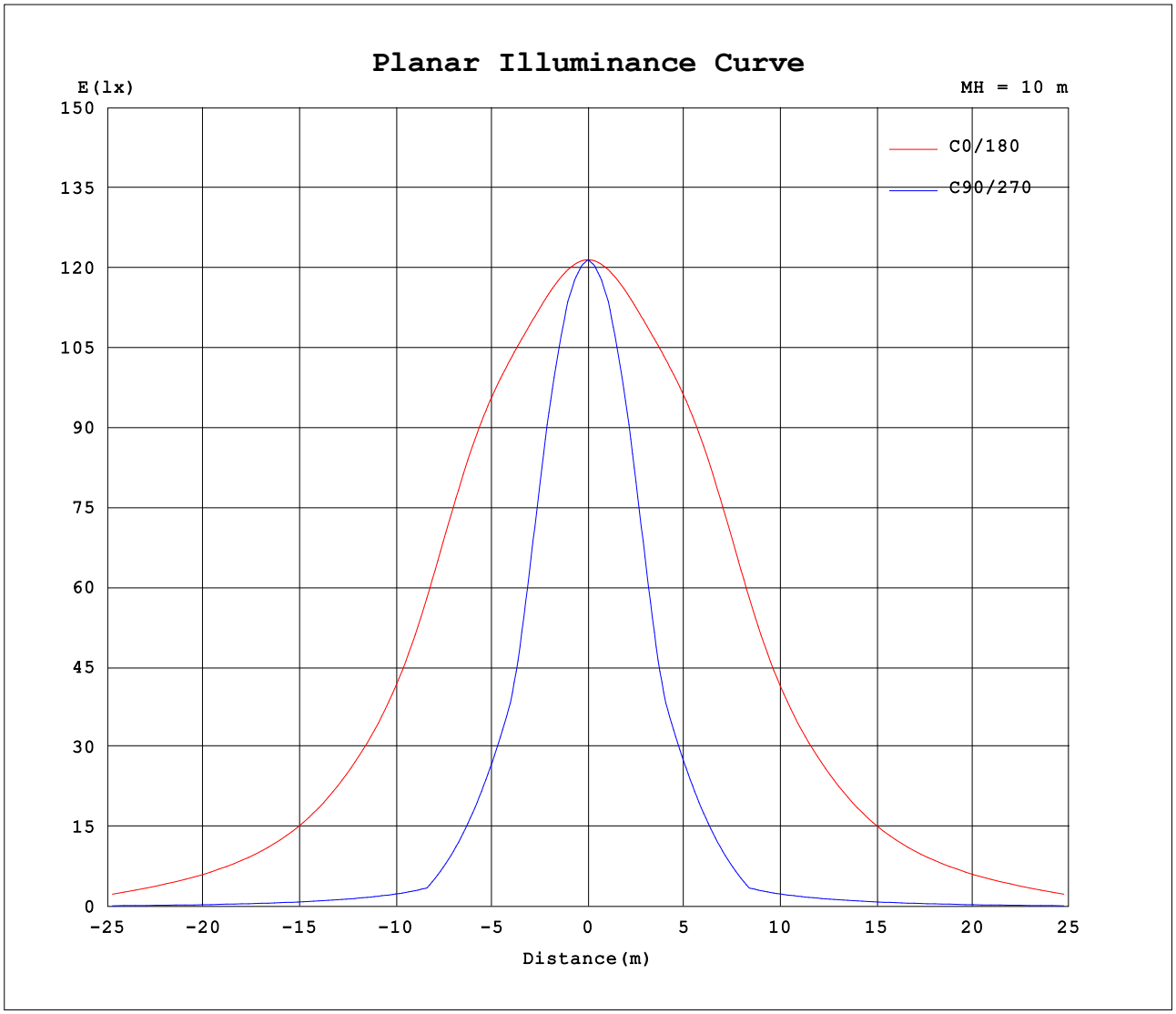
AvgL	cd/m2
L_0~180(65)av	127058
L_0~180(75)av	11708
L_0~180(85)av	3685
L_90~270(65)av	8869
L_90~270(75)av	8826
L_90~270(85)av	9150
L_45(65)av	8801
L_45(75)av	7325
L_45(85)av	7709

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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:2017-03-29

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: ×10cd

C(DEG) / γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
5	1216	1213	1211	1209	1206	1203	1199	1196	1192	1189	1186	1183	1179	1177	1174	1173	1171	1171	1171
10	1221	1216	1210	1202	1192	1182	1169	1157	1141	1124	1109	1094	1079	1067	1057	1050	1045	1042	1042
15	1236	1228	1215	1199	1177	1150	1116	1081	1047	1012	979	946	914	886	864	845	832	825	823
20	1271	1258	1235	1203	1157	1103	1045	985	918	855	795	741	693	652	618	591	572	561	557
25	1323	1302	1264	1206	1129	1044	949	851	756	668	589	533	489	465	446	432	422	416	414
30	1369	1337	1280	1187	1078	952	821	694	583	507	461	421	388	361	339	323	311	304	302
35	1368	1323	1239	1118	973	817	663	546	478	418	366	321	283	253	230	212	200	193	190
40	1289	1234	1129	988	820	651	533	455	384	319	262	214	174	143	119	101	88.6	81.2	78.7
45	1173	1114	996	837	661	524	434	351	276	207	148	98.9	78.1	73.8	71.1	69.5	69.0	68.6	68.5
50	1067	1004	873	702	537	429	329	238	157	88.0	75.5	67.4	63.7	62.5	62.1	62.0	62.0	62.1	62.1
55	935	867	733	566	439	325	217	120	81.7	66.3	60.3	57.4	55.8	55.2	55.2	55.4	55.8	56.0	56.1
60	791	724	591	449	328	211	111	76.7	63.0	55.7	51.1	48.6	47.5	47.5	48.1	48.8	49.5	50.0	50.1
65	628	570	450	328	210	115	77.0	61.7	51.3	44.7	40.8	39.0	38.8	39.6	40.8	42.1	43.0	43.6	43.9
70	260	245	227	174	100	74.9	58.0	44.9	36.6	31.8	29.7	29.4	30.3	31.5	32.8	33.9	34.7	35.2	35.4
75	35.5	37.0	43.0	40.4	47.7	43.2	31.9	24.2	22.7	22.2	21.9	22.1	22.7	23.6	24.6	25.5	26.2	26.6	26.7
80	13.2	13.3	14.7	17.0	18.0	15.8	15.8	15.6	15.3	15.0	14.8	14.8	15.2	15.8	16.6	17.2	17.6	17.9	18.0
85	3.76	5.06	6.59	7.76	8.22	8.30	8.29	8.18	8.03	7.86	7.74	7.74	7.91	8.22	8.58	8.90	9.13	9.28	9.33
90	0.92	1.57	1.46	1.32	1.18	1.06	0.95	0.86	0.78	0.73	0.69	0.67	0.66	0.65	0.65	0.65	0.64	0.63	0.63

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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: ×10cd

C(DEG) / γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
5	1171	1171	1173	1174	1177	1179	1183	1186	1189	1192	1196	1199	1203	1206	1209	1211	1213	1216	1214
10	1042	1045	1050	1057	1067	1079	1094	1109	1124	1141	1157	1169	1182	1192	1202	1210	1216	1221	1217
15	825	832	845	864	886	914	946	979	1012	1047	1081	1116	1150	1177	1199	1215	1228	1236	1231
20	561	572	591	618	652	693	741	795	855	918	985	1045	1103	1157	1203	1235	1258	1271	1262
25	416	422	432	446	465	489	533	589	668	756	851	949	1044	1129	1206	1264	1302	1323	1309
30	304	311	323	339	361	388	421	461	507	583	694	821	952	1078	1187	1280	1337	1369	1352
35	193	200	212	230	253	283	321	366	418	478	546	663	817	973	1118	1239	1323	1368	1349
40	81.2	88.6	101	119	143	174	214	262	319	384	455	533	651	820	988	1129	1234	1289	1271
45	68.6	69.0	69.5	71.1	73.8	78.1	98.9	148	207	276	351	434	524	661	837	996	1114	1173	1149
50	62.1	62.0	62.0	62.1	62.5	63.7	67.4	75.5	88.0	157	238	329	429	537	702	873	1004	1067	1040
55	56.0	55.8	55.4	55.2	55.2	55.8	57.4	60.3	66.3	81.7	120	217	325	439	566	733	867	935	904
60	50.0	49.5	48.8	48.1	47.5	47.5	48.6	51.1	55.7	63.0	76.7	111	211	328	449	591	724	791	755
65	43.6	43.0	42.1	40.8	39.6	38.8	39.0	40.8	44.7	51.3	61.7	77.0	115	210	328	450	570	628	594
70	35.2	34.7	33.9	32.8	31.5	30.3	29.4	29.7	31.8	36.6	44.9	58.0	74.9	100	174	227	245	260	265
75	26.6	26.2	25.5	24.6	23.6	22.7	22.1	21.9	22.2	22.7	24.2	31.9	43.2	47.7	40.4	43.0	37.0	35.5	38.7
80	17.9	17.6	17.2	16.6	15.8	15.2	14.8	14.8	15.0	15.3	15.6	15.8	15.8	18.0	17.0	14.7	13.3	13.2	13.3
85	9.28	9.13	8.90	8.58	8.22	7.91	7.74	7.74	7.86	8.03	8.18	8.29	8.30	8.22	7.76	6.59	5.06	3.76	4.99
90	0.63	0.64	0.65	0.65	0.65	0.66	0.67	0.69	0.73	0.78	0.86	0.95	1.06	1.18	1.32	1.46	1.57	0.92	1.46

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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: ×10cd

C(DEG) / γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
5	1212	1210	1208	1206	1202	1198	1195	1192	1189	1185	1182	1179	1176	1174	1172	1171	1171	1171	1172
10	1213	1206	1198	1188	1177	1165	1150	1133	1117	1102	1087	1074	1063	1054	1048	1043	1042	1043	1048
15	1221	1207	1186	1161	1129	1095	1060	1024	991	956	923	894	870	850	835	826	823	826	835
20	1243	1214	1171	1117	1059	998	929	863	802	746	696	653	619	592	572	561	557	561	572
25	1278	1223	1147	1060	960	857	757	666	584	528	484	462	444	431	421	415	414	415	421
30	1307	1217	1105	970	828	691	574	496	452	414	382	357	337	321	310	304	302	304	310
35	1284	1167	1011	837	666	538	469	409	357	314	278	250	227	211	199	192	190	192	199
40	1187	1046	859	664	533	452	378	312	255	208	170	140	117	99.7	87.8	80.8	78.7	80.8	87.8
45	1047	878	678	527	435	350	271	202	143	94.8	75.2	71.8	69.8	68.7	68.4	68.4	68.5	68.4	68.4
50	919	728	539	426	324	233	151	81.6	71.5	65.0	62.0	61.3	61.2	61.3	61.6	61.9	62.1	61.9	61.6
55	777	585	443	320	207	108	74.5	62.2	57.7	55.5	54.4	54.2	54.4	54.9	55.5	55.9	56.1	55.9	55.5
60	623	461	327	199	96.6	68.3	57.8	52.3	48.9	47.1	46.5	46.8	47.5	48.4	49.3	49.9	50.1	49.9	49.3
65	470	332	199	98.3	66.6	55.0	47.3	42.3	39.5	38.2	38.2	39.1	40.5	41.8	42.9	43.6	43.9	43.6	42.9
70	246	175	89.3	64.4	50.8	40.9	34.7	31.1	29.5	29.3	30.0	31.2	32.5	33.7	34.6	35.2	35.4	35.2	34.6
75	46.5	42.6	45.9	39.3	29.7	23.8	22.6	22.2	21.9	22.0	22.5	23.4	24.4	25.4	26.1	26.6	26.7	26.6	26.1
80	15.2	17.7	18.4	15.9	15.7	15.5	15.3	15.0	14.8	14.8	15.1	15.7	16.4	17.1	17.6	17.9	18.0	17.9	17.6
85	6.59	7.90	8.35	8.36	8.27	8.15	8.00	7.86	7.74	7.74	7.89	8.19	8.54	8.87	9.12	9.27	9.33	9.27	9.12
90	1.36	1.25	1.14	1.04	0.94	0.86	0.79	0.75	0.72	0.71	0.70	0.69	0.67	0.66	0.65	0.63	0.63	0.63	0.65

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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: ×10cd

C(DEG) / γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215				
5	1174	1176	1179	1182	1185	1189	1192	1195	1198	1202	1206	1208	1210	1212	1214				
10	1054	1063	1074	1087	1102	1117	1133	1150	1165	1177	1188	1198	1206	1213	1217				
15	850	870	894	923	956	991	1024	1060	1095	1129	1161	1186	1207	1221	1231				
20	592	619	653	696	746	802	863	929	998	1059	1117	1171	1214	1243	1262				
25	431	444	462	484	528	584	666	757	857	960	1060	1147	1223	1278	1309				
30	321	337	357	382	414	452	496	574	691	828	970	1105	1217	1307	1352				
35	211	227	250	278	314	357	409	469	538	666	837	1011	1167	1284	1349				
40	99.7	117	140	170	208	255	312	378	452	533	664	859	1046	1187	1271				
45	68.7	69.8	71.8	75.2	94.8	143	202	271	350	435	527	678	878	1047	1149				
50	61.3	61.2	61.3	62.0	65.0	71.5	81.6	151	233	324	426	539	728	919	1040				
55	54.9	54.4	54.2	54.4	55.5	57.7	62.2	74.5	108	207	320	443	585	777	904				
60	48.4	47.5	46.8	46.5	47.1	48.9	52.3	57.8	68.3	96.6	199	327	461	623	755				
65	41.8	40.5	39.1	38.2	38.2	39.5	42.3	47.3	55.0	66.6	98.3	199	332	470	594				
70	33.7	32.5	31.2	30.0	29.3	29.5	31.1	34.7	40.9	50.8	64.4	89.3	175	246	265				
75	25.4	24.4	23.4	22.5	22.0	21.9	22.2	22.6	23.8	29.7	39.3	45.9	42.6	46.5	38.7				
80	17.1	16.4	15.7	15.1	14.8	14.8	15.0	15.3	15.5	15.7	15.9	18.4	17.7	15.2	13.3				
85	8.87	8.54	8.19	7.89	7.74	7.74	7.86	8.00	8.15	8.27	8.36	8.35	7.90	6.59	4.99				
90	0.66	0.67	0.69	0.70	0.71	0.72	0.75	0.79	0.86	0.94	1.04	1.14	1.25	1.36	1.46				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-29

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: