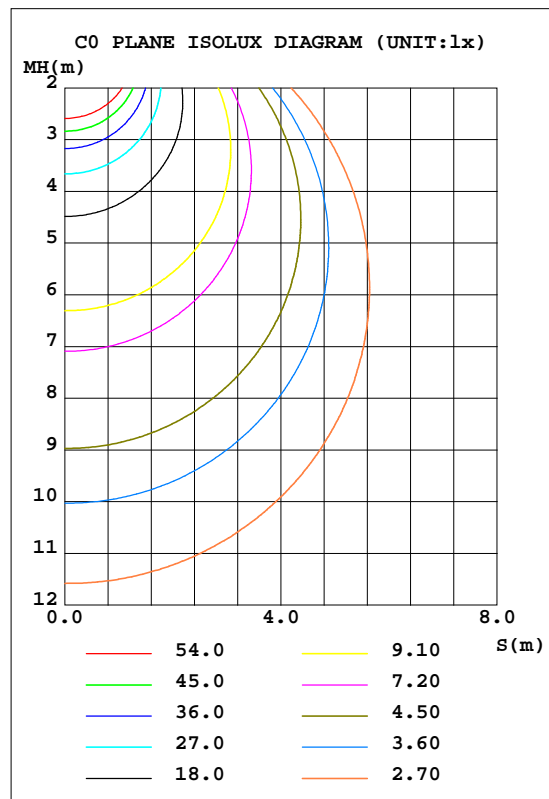
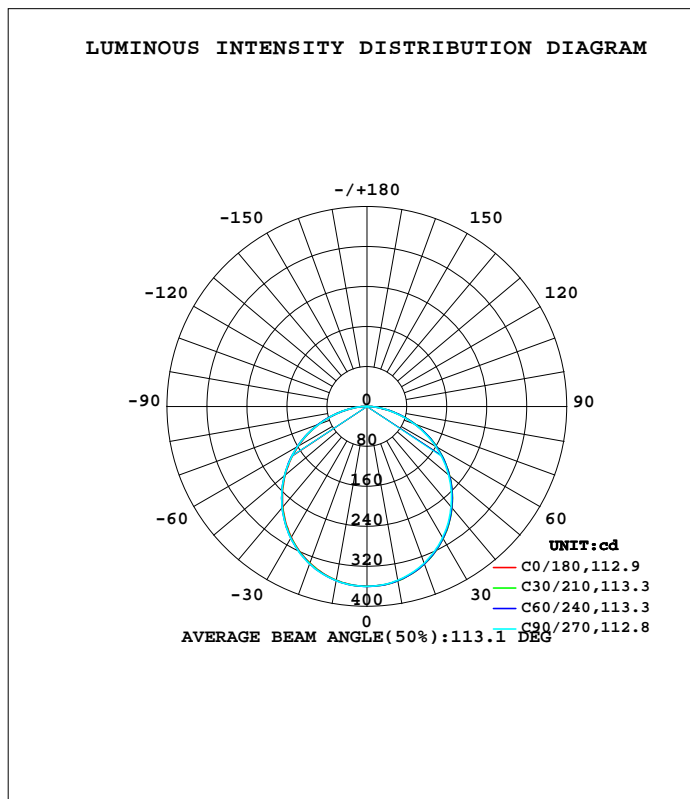


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LBS3301	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Eurotech Lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 66.33 lm/W
MODEL	P3301	I <sub>max</sub> (cd)	359.9	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1044.7	h UP, DN(C0-180)	0.3, 49.6	
NOMINAL FLUX(lm)	1044.74	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.3, 49.9	
LAMPS INSIDE	1	h up(%)	0.5	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	h down(%)	99.5	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

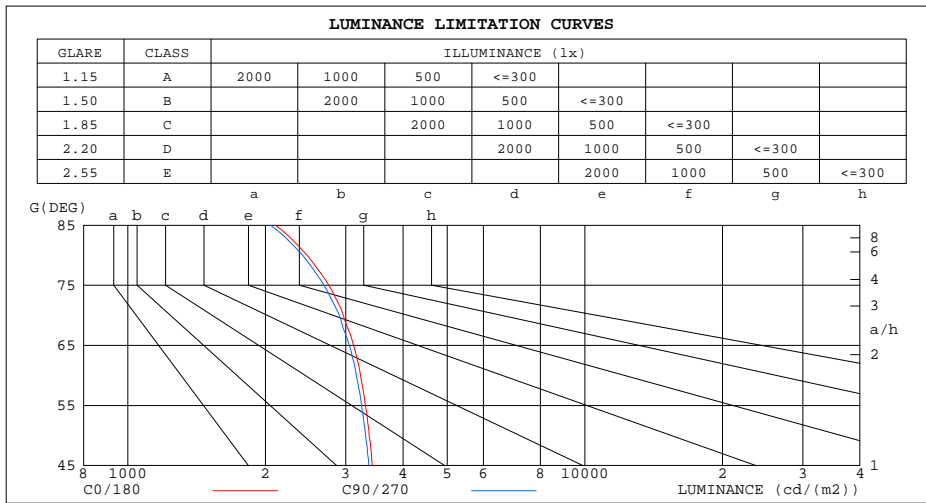
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	354.2	354.5	353.2	353.4	353.3	353.8	354.0	354.6	0- 10	34.07	34.07	3.26,3.26
20	335.4	335.8	333.8	333.8	333.6	334.4	335.2	336.3	10- 20	97.62	131.7	12.6,12.6
30	304.9	305.3	302.7	302.8	302.8	303.8	304.8	306.1	20- 30	147.9	279.6	26.8,26.8
40	264.4	265.0	262.0	262.4	262.1	263.4	264.3	265.7	30- 40	178.4	457.9	43.8,43.8
50	215.6	216.9	213.3	214.4	214.0	215.2	215.9	217.1	40- 50	185.5	643.4	61.6,61.6
60	160.3	161.7	158.3	159.6	159.2	160.5	160.9	162.0	50- 60	168.5	811.9	77.7,77.7
70	100.6	102.4	99.36	101.3	100.2	102.2	101.4	103.3	60- 70	129.8	941.7	90.1,90.1
80	42.58	43.51	41.90	43.66	42.91	44.27	43.51	44.74	70- 80	75.92	1018	97.4,97.4
90	0.9777	1.075	0.8638	1.064	1.102	1.262	1.117	1.179	80- 90	21.81	1039	99.5,99.5
100	0.4093	0.4331	0.4127	0.4452	0.4273	0.4011	0.4234	0.3955	90-100	0.5152	1040	99.5,99.5
110	0.6018	0.6302	0.6100	0.6394	0.6233	0.6158	0.6139	0.6212	100-110	0.5454	1040	99.6,99.6
120	0.7874	0.8203	0.8319	0.8337	0.8262	0.7954	0.8149	0.7910	110-120	0.7075	1041	99.7,99.7
130	0.9729	0.9893	0.9943	1.010	1.001	0.9888	0.9807	0.9606	120-130	0.8068	1042	99.7,99.7
140	1.134	1.141	1.146	1.166	1.155	1.130	1.143	1.120	130-140	0.8227	1043	99.8,99.8
150	1.264	1.271	1.301	1.289	1.278	1.274	1.263	1.247	140-150	0.7563	1044	99.9,99.9
160	1.372	1.383	1.393	1.399	1.379	1.362	1.365	1.356	150-160	0.6111	1044	99.9,99.9
170	1.459	1.468	1.473	1.476	1.453	1.450	1.453	1.451	160-170	0.4014	1045	100,100
180	1.470	1.485	1.485	1.501	1.477	1.485	1.485	1.498	170-180	0.1405	1045	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2100	2049
80	2468	2411
75	2751	2688
70	2961	2902
65	3118	3051
60	3228	3163
55	3311	3247
50	3376	3314
45	3428	3368

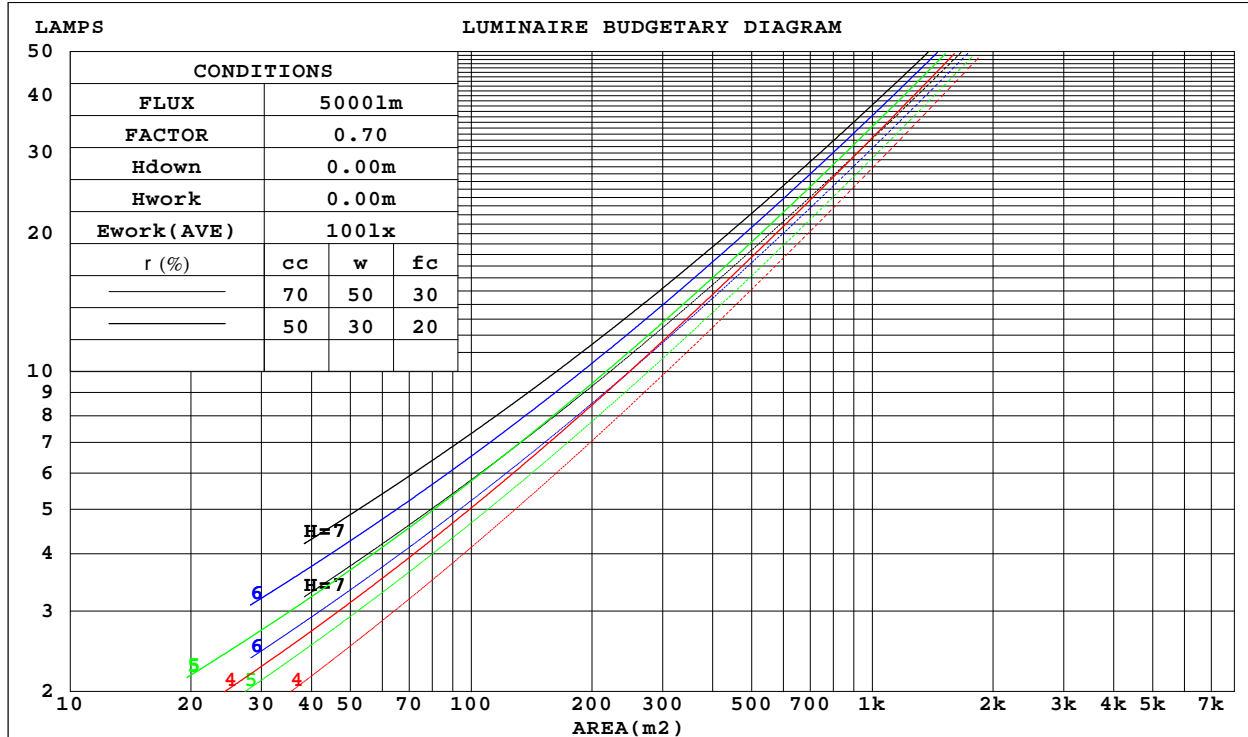
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.110m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	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	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.110m [K=1.0000]  
 Remarks:

WEC AND CCEC

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.178	.057	.307	.175	.056	.293	.168	.054	.281	.162	.052	.269	.156	.050	
2.0	.294	.161	.049	.288	.159	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045	
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.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	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.184	.160	.138	.158	.137	.119	.108	.094	.082	.062	.055	.048	.020	.018	.015	
2.0	.177	.136	.102	.151	.117	.088	.104	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.169	.118	.078	.145	.102	.068	.099	.071	.047	.057	.041	.028	.018	.013	.009	
4.0	.161	.105	.062	.138	.091	.054	.095	.063	.038	.055	.037	.022	.018	.012	.007	
5.0	.154	.095	.051	.132	.082	.044	.091	.057	.031	.053	.034	.019	.017	.011	.006	
6.0	.147	.086	.043	.126	.075	.037	.087	.052	.026	.050	.031	.016	.016	.010	.005	
7.0	.140	.079	.037	.120	.069	.032	.083	.048	.023	.048	.028	.014	.016	.009	.005	
8.0	.133	.074	.033	.115	.064	.028	.079	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.127	.069	.029	.109	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.121	.064	.026	.105	.056	.023	.073	.039	.016	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

NAME:		TYPE:					WEIGHT:				
SPEC.:		DIM.:					SERIAL No.:				
MFR.:		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	2H	16.9	18.4	17.2	18.6	18.9	16.8	18.3	17.1	18.6	18.8
	3H	18.5	19.9	18.8	20.1	20.4	18.3	19.8	18.7	20.0	20.3
	4H	19.1	20.4	19.4	20.7	20.9	19.0	20.3	19.3	20.6	20.8
	6H	19.5	20.8	19.8	21.0	21.3	19.4	20.6	19.7	20.9	21.2
	8H	19.6	20.9	20.0	21.2	21.5	19.5	20.7	19.9	21.0	21.3
	12H	19.7	20.9	20.1	21.2	21.5	19.6	20.8	20.0	21.1	21.4
	4H 2H	17.5	18.9	17.8	19.1	19.4	17.5	18.8	17.8	19.1	19.3
	3H	19.3	20.4	19.6	20.7	21.1	19.2	20.3	19.5	20.7	21.0
	4H	20.0	21.1	20.4	21.4	21.7	19.9	21.0	20.3	21.3	21.7
	6H	20.6	21.5	21.0	21.9	22.3	20.5	21.4	20.9	21.8	22.2
	8H	20.8	21.6	21.2	22.0	22.4	20.7	21.5	21.1	21.9	22.3
	12H	20.9	21.7	21.3	22.1	22.5	20.8	21.6	21.2	22.0	22.4
	8H 4H	20.3	21.2	20.7	21.5	21.9	20.2	21.1	20.6	21.5	21.9
	6H	21.0	21.7	21.4	22.1	22.6	20.9	21.6	21.3	22.1	22.5
	8H	21.3	21.9	21.7	22.4	22.8	21.2	21.8	21.6	22.3	22.7
	12H	21.5	22.0	22.0	22.5	23.0	21.4	21.9	21.9	22.4	22.9
	12H 4H	20.3	21.1	20.7	21.5	21.9	20.2	21.0	20.6	21.4	21.8
	6H	21.0	21.7	21.5	22.1	22.6	21.0	21.6	21.4	22.1	22.5
	8H	21.4	21.9	21.9	22.4	22.9	21.3	21.8	21.8	22.3	22.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1045 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.2)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.110m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

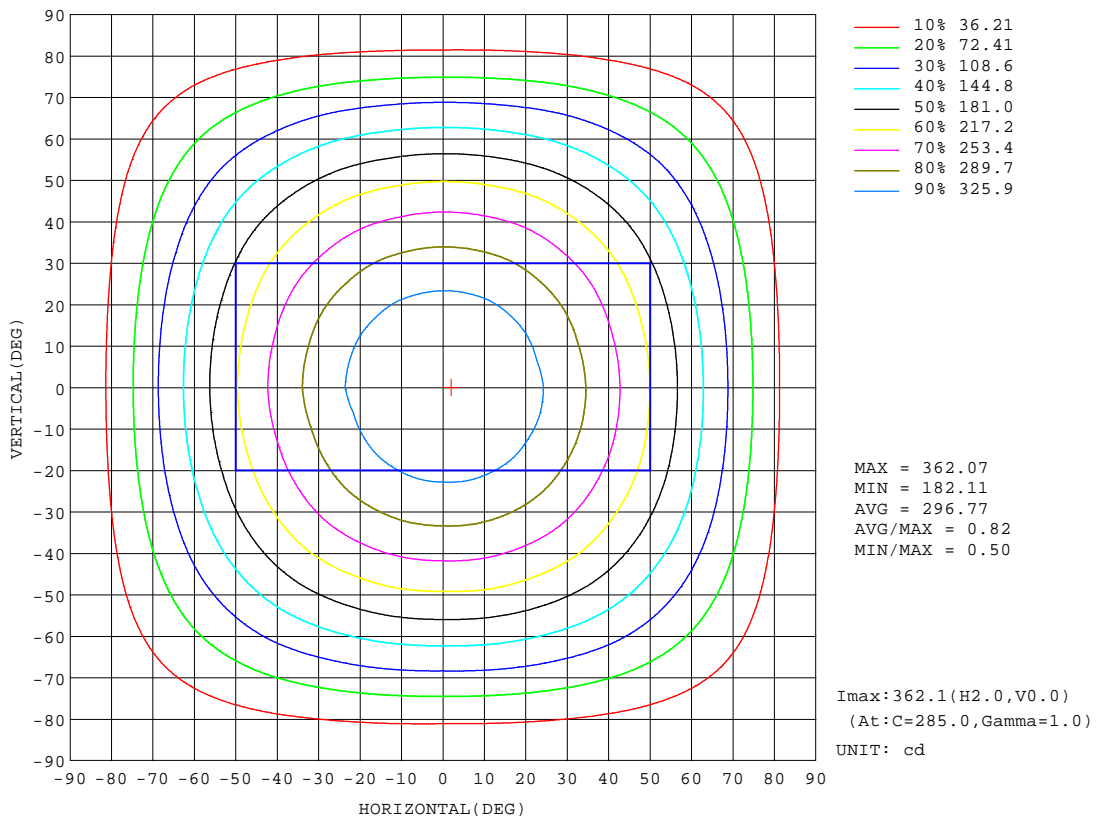
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.110m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b> Ningbo fld Electric Co.,Ltd	<b>SUR.:</b>	<b>Shielding Angle:</b>



**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators:**  
**Test Date: 2019-08-19**

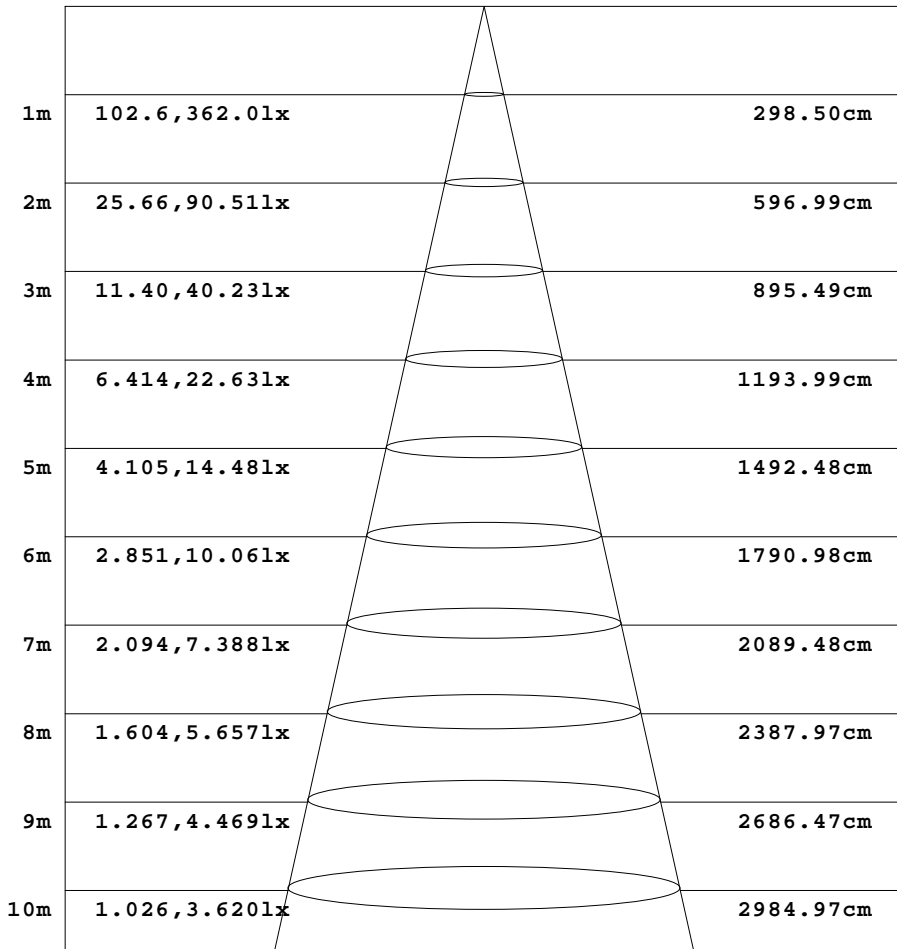
**g Range: 0 - 180DEG**  
**g Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.110m [K=1.0000]**  
**Remarks:**



AAI Figure

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:764.5 lm



Height                      Eavg, Emax                      Angle:112.35deg                      Diameter

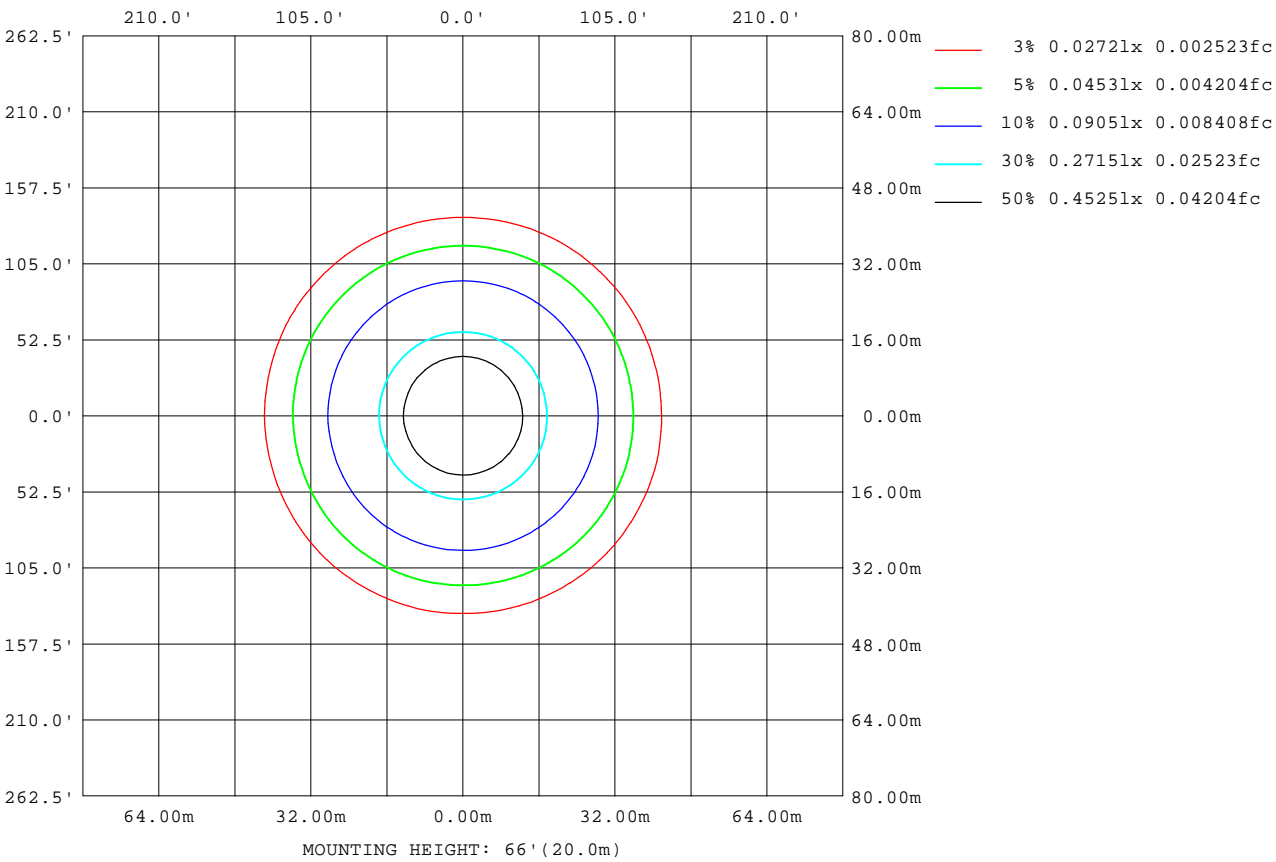
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.:</b>	<b>Shielding Angle:</b>



**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators:**  
**Test Date: 2019-08-19**

**g Range: 0 - 180DEG**  
**g Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400**  
**Humidity: 65.0%**  
**Test Distance: 7.110m [K=1.0000]**  
**Remarks:**

LED Avg.L Report

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

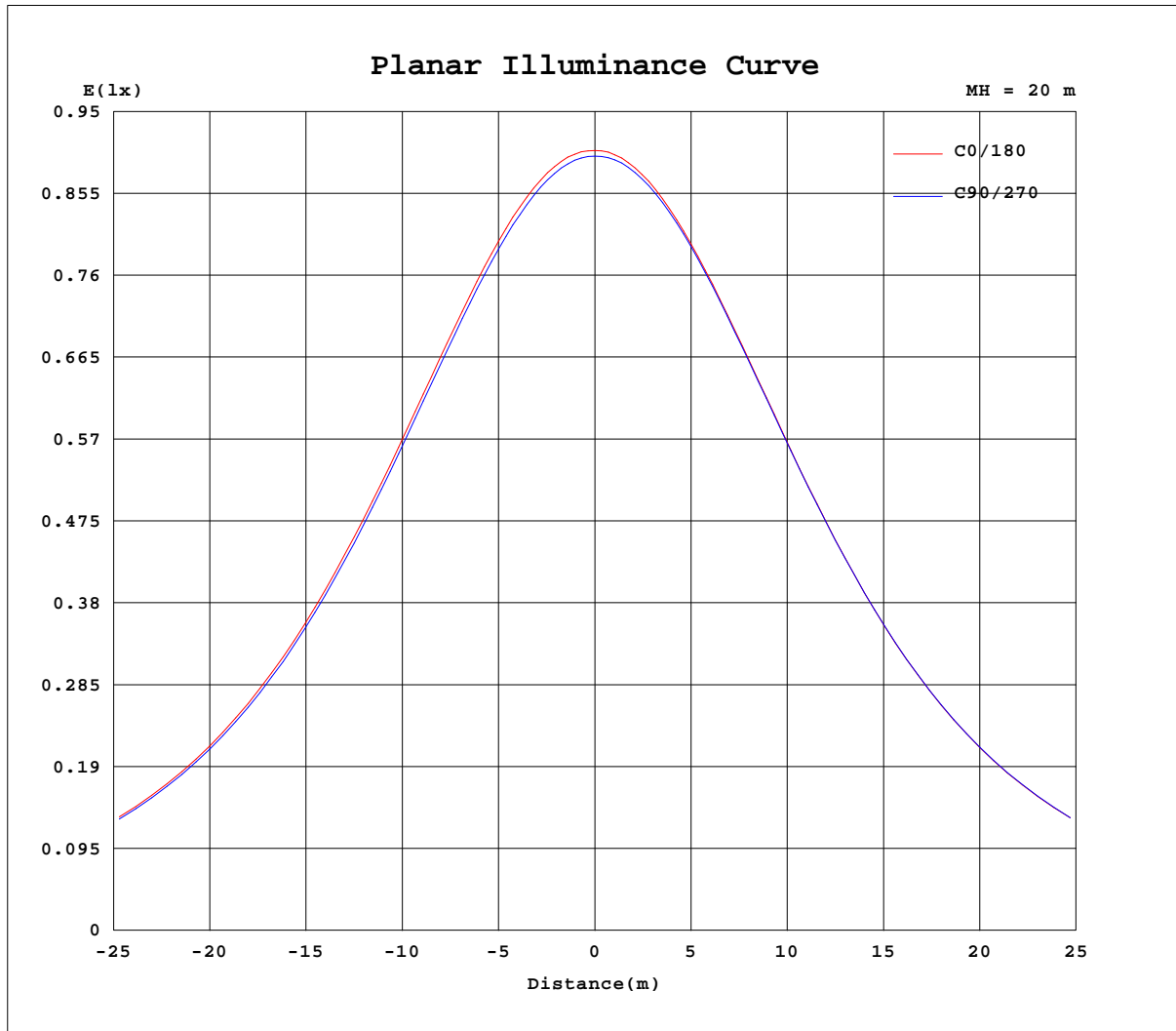
AvgL	cd/m2
L_0~180(65)av	3088
L_0~180(75)av	2731
L_0~180(85)av	2131
L_90~270(65)av	3084
L_90~270(75)av	2728
L_90~270(85)av	2128
L_45(65)av	3119
L_45(75)av	2800
L_45(85)av	2214

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity: 65.0%  
 Test Distance: 7.110m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360	360
5	359	359	359	359	359	359	358	358	358	358	358	358	358	358	358	358	359	359	359
10	354	355	354	354	354	354	353	354	353	353	353	353	353	353	353	354	354	354	354
15	346	347	346	347	346	346	345	345	345	345	345	345	345	345	346	346	346	346	346
20	335	336	336	336	335	335	334	334	334	334	333	333	334	334	334	334	335	335	335
25	322	322	322	322	321	321	320	320	319	320	319	319	320	320	320	320	321	321	321
30	305	306	305	305	304	304	303	303	303	303	302	302	303	303	304	304	305	304	305
35	286	287	286	286	285	285	283	284	283	284	283	283	284	284	285	285	285	285	286
40	264	265	265	265	264	263	262	262	262	262	262	262	262	262	263	263	264	264	264
45	241	242	241	242	241	240	238	239	239	239	238	238	239	239	240	240	241	240	241
50	216	217	216	217	215	215	213	214	214	214	213	214	214	214	215	215	216	215	216
55	189	190	189	190	189	188	186	187	187	187	187	187	187	187	189	188	189	188	189
60	160	162	161	162	160	160	158	159	159	160	159	159	159	159	161	161	161	160	161
65	131	132	132	132	131	131	129	130	130	131	130	130	130	130	132	132	132	131	132
70	101	102	102	102	101	100	99.4	100	101	101	101	99.9	100	101	102	102	102	101	101
75	70.8	71.6	72.0	72.2	71.5	70.5	69.6	70.5	71.3	71.7	71.3	70.5	70.6	71.4	72.5	72.6	72.7	71.8	71.6
80	42.6	43.4	43.4	43.5	43.2	42.7	41.9	42.9	43.3	43.7	43.5	43.0	42.9	43.6	44.2	44.3	44.4	43.9	43.5
85	18.2	18.7	18.6	18.7	18.5	18.4	17.9	18.6	18.8	19.2	19.1	19.0	19.0	19.4	19.6	19.6	19.7	19.5	19.2
90	0.98	1.03	1.09	1.07	1.02	0.90	0.86	0.91	1.02	1.06	1.07	1.02	1.10	1.17	1.31	1.26	1.31	1.14	1.12
95	0.35	0.37	0.35	0.37	0.35	0.36	0.35	0.36	0.35	0.37	0.36	0.35	0.35	0.35	0.35	0.33	0.35	0.34	0.35
100	0.41	0.43	0.41	0.43	0.41	0.43	0.41	0.43	0.43	0.45	0.41	0.44	0.43	0.40	0.43	0.40	0.43	0.40	0.42
105	0.50	0.52	0.51	0.52	0.51	0.53	0.51	0.53	0.52	0.54	0.51	0.53	0.53	0.51	0.52	0.50	0.52	0.51	0.52
110	0.60	0.61	0.61	0.63	0.63	0.63	0.61	0.63	0.62	0.64	0.61	0.63	0.62	0.61	0.62	0.62	0.62	0.62	0.61
115	0.70	0.71	0.73	0.71	0.71	0.72	0.71	0.73	0.72	0.74	0.72	0.72	0.73	0.70	0.72	0.71	0.72	0.72	0.72
120	0.79	0.81	0.80	0.82	0.81	0.83	0.83	0.83	0.83	0.83	0.81	0.83	0.83	0.80	0.82	0.80	0.82	0.80	0.81
125	0.89	0.90	0.90	0.90	0.89	0.91	0.90	0.91	0.91	0.93	0.90	0.92	0.91	0.89	0.91	0.89	0.90	0.90	0.90
130	0.97	0.99	0.97	0.99	0.98	1.00	0.99	1.00	0.99	1.01	0.99	1.01	1.00	0.98	0.99	0.99	0.99	0.98	0.98
135	1.05	1.06	1.05	1.06	1.06	1.08	1.07	1.08	1.07	1.09	1.07	1.08	1.08	1.06	1.06	1.06	1.06	1.06	1.07
140	1.13	1.14	1.13	1.14	1.13	1.15	1.15	1.16	1.14	1.17	1.14	1.16	1.16	1.14	1.15	1.13	1.15	1.13	1.14
145	1.20	1.20	1.19	1.21	1.20	1.21	1.22	1.23	1.22	1.23	1.22	1.22	1.21	1.20	1.21	1.20	1.21	1.20	1.21
150	1.26	1.27	1.26	1.27	1.27	1.28	1.30	1.29	1.28	1.29	1.28	1.29	1.28	1.27	1.26	1.27	1.27	1.26	1.26
155	1.33	1.32	1.32	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.33	1.33	1.31	1.31	1.31	1.32	1.32
160	1.37	1.38	1.38	1.38	1.39	1.39	1.39	1.40	1.39	1.40	1.40	1.40	1.38	1.37	1.37	1.36	1.38	1.36	1.36
165	1.41	1.42	1.42	1.42	1.42	1.43	1.44	1.44	1.43	1.44	1.44	1.44	1.42	1.42	1.41	1.41	1.41	1.41	1.41
170	1.46	1.45	1.46	1.47	1.47	1.47	1.47	1.48	1.48	1.48	1.47	1.47	1.45	1.46	1.45	1.45	1.44	1.45	1.45
175	1.47	1.47	1.49	1.49	1.49	1.49	1.49	1.50	1.50	1.50	1.49	1.48	1.47	1.47	1.47	1.47	1.47	1.46	1.46
180	1.47	1.48	1.49	1.49	1.49	1.48	1.48	1.49	1.49	1.50	1.48	1.48	1.48	1.48	1.48	1.49	1.49	1.48	1.48

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345															
0	360	360	360	360	360															
5	359	359	359	359	359															
10	354	355	355	355	354															
15	346	347	347	347	347															
20	336	336	336	337	336															
25	322	323	323	323	322															
30	305	306	306	307	306															
35	286	287	287	288	287															
40	265	266	266	266	265															
45	241	243	242	243	242															
50	216	218	217	218	217															
55	189	191	190	191	190															
60	161	163	162	163	161															
65	132	133	133	133	132															
70	102	103	103	103	102															
75	72.4	73.4	73.4	73.2	72.0															
80	44.4	44.9	44.7	44.7	43.9															
85	19.7	19.9	19.7	19.7	19.2															
90	1.13	1.26	1.18	1.19	1.07															
95	0.34	0.35	0.33	0.35	0.34															
100	0.40	0.42	0.40	0.43	0.40															
105	0.50	0.52	0.51	0.52	0.50															
110	0.60	0.63	0.62	0.62	0.61															
115	0.70	0.71	0.70	0.71	0.69															
120	0.79	0.82	0.79	0.81	0.78															
125	0.89	0.90	0.89	0.90	0.88															
130	0.97	0.98	0.96	0.98	0.96															
135	1.05	1.06	1.04	1.05	1.05															
140	1.12	1.13	1.12	1.12	1.12															
145	1.19	1.19	1.18	1.19	1.19															
150	1.27	1.27	1.25	1.25	1.25															
155	1.31	1.31	1.31	1.30	1.30															
160	1.36	1.36	1.36	1.36	1.35															
165	1.41	1.41	1.41	1.40	1.41															
170	1.45	1.45	1.45	1.44	1.44															
175	1.46	1.48	1.47	1.47	1.46															
180	1.49	1.49	1.50	1.49	1.48															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-08-19

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.110m [K=1.0000]  
 Remarks: