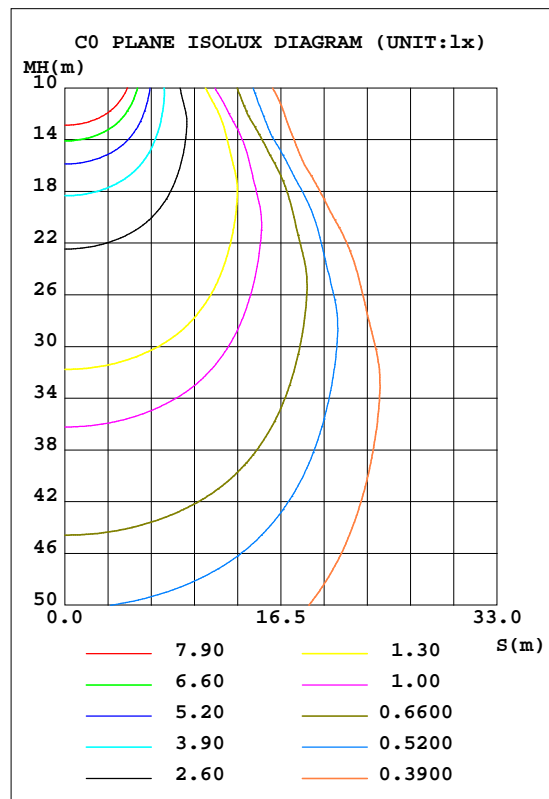
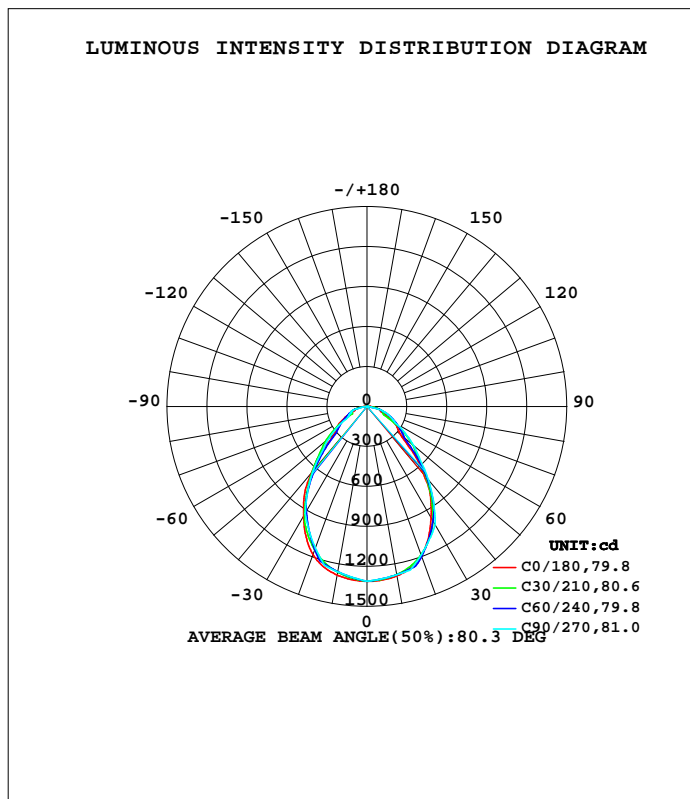


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I <sub>max</sub> (cd)	1312	S/MH(C0/180)	1.11
NOMINAL POWER(W)	24.8289	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2432.8	h UP, DN(C0-180)	0.0,52.0
NOMINAL FLUX(lm)	2432.8	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0,48.0
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [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
5	1308	1300	1297	1297	1305	1289	1286	1291	0- 5	31.12	31.12	1.28,1.28
10	1291	1281	1283	1277	1285	1260	1260	1263	5- 10	91.87	123.0	5.06,5.06
15	1258	1252	1268	1248	1249	1218	1234	1222	10- 15	149.1	272.1	11.2,11.2
20	1193	1208	1187	1205	1183	1161	1132	1163	15- 20	199.0	471.1	19.4,19.4
25	1091	1104	1106	1100	1081	1044	1029	1047	20- 25	235.0	706.1	29.29
30	963.4	985.5	1025	980.5	953.1	915.8	927.0	919.3	25- 30	256.3	962.3	39.6,39.6
35	834.0	866.7	871.1	861.1	823.1	779.0	777.2	783.4	30- 35	261.9	1224	50.3,50.3
40	657.9	736.9	717.1	732.1	646.6	626.8	627.3	627.0	35- 40	247.9	1472	60.5,60.5
45	491.8	567.9	563.2	559.7	488.0	479.6	477.5	472.2	40- 45	215.1	1687	69.4,69.4
50	330.9	429.1	457.5	419.9	321.7	376.9	373.8	372.5	45- 50	178.8	1866	76.7,76.7
55	280.3	336.3	351.7	330.8	275.5	287.0	270.1	282.0	50- 55	150.2	2016	82.9,82.9
60	230.2	267.2	246.0	266.6	226.7	228.3	166.4	224.1	55- 60	123.4	2140	88,88
65	165.7	199.3	202.9	200.7	163.9	178.0	148.1	176.9	60- 65	98.06	2238	92,92
70	114.3	143.3	159.7	144.6	111.8	136.4	129.7	136.7	65- 70	79.64	2317	95.3,95.3
75	102.7	99.24	116.6	101.2	99.86	94.73	111.4	93.53	70- 75	63.16	2381	97.9,97.9
80	64.69	52.80	0	54.21	62.77	47.51	0	46.42	75- 80	38.93	2420	99.5,99.5
85	39.67	0	0	0	36.47	0	0	0	80- 85	11.47	2431	99.9,99.9
90	20.38	0	0	0	13.19	0	0	0	85- 90	1.740	2433	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): 1687.3 lm

%lum = 69.4%  
%lamp = 69.4%

Conical surface Flux(120deg): 2139.8 lm

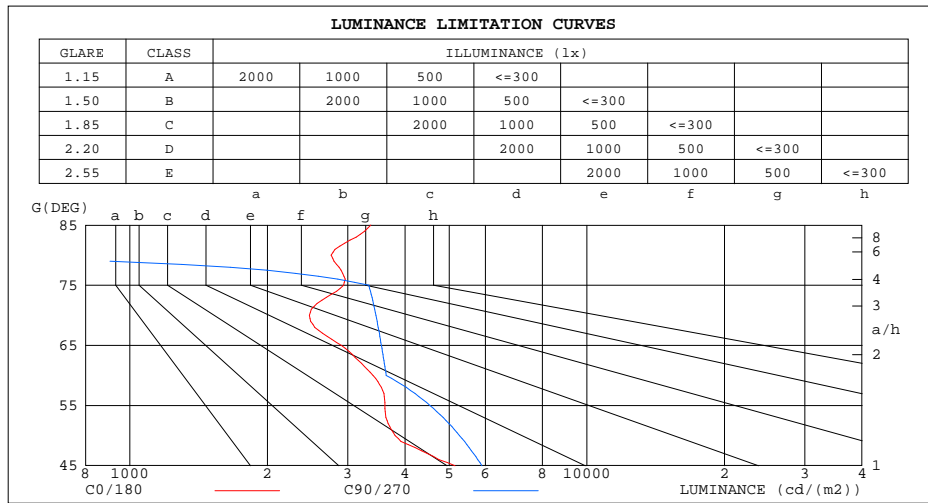
%lum = 88.0%  
%lamp = 88.0%

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:  
Test Date:2018-12-25

g Range: 0 - 90DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:65.0%  
Test Distance:10.257m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3369	0
80	2758	0
75	2938	3334
70	2473	3457
65	2902	3553
60	3407	3642
55	3617	4539
50	3810	5268
45	5148	5896

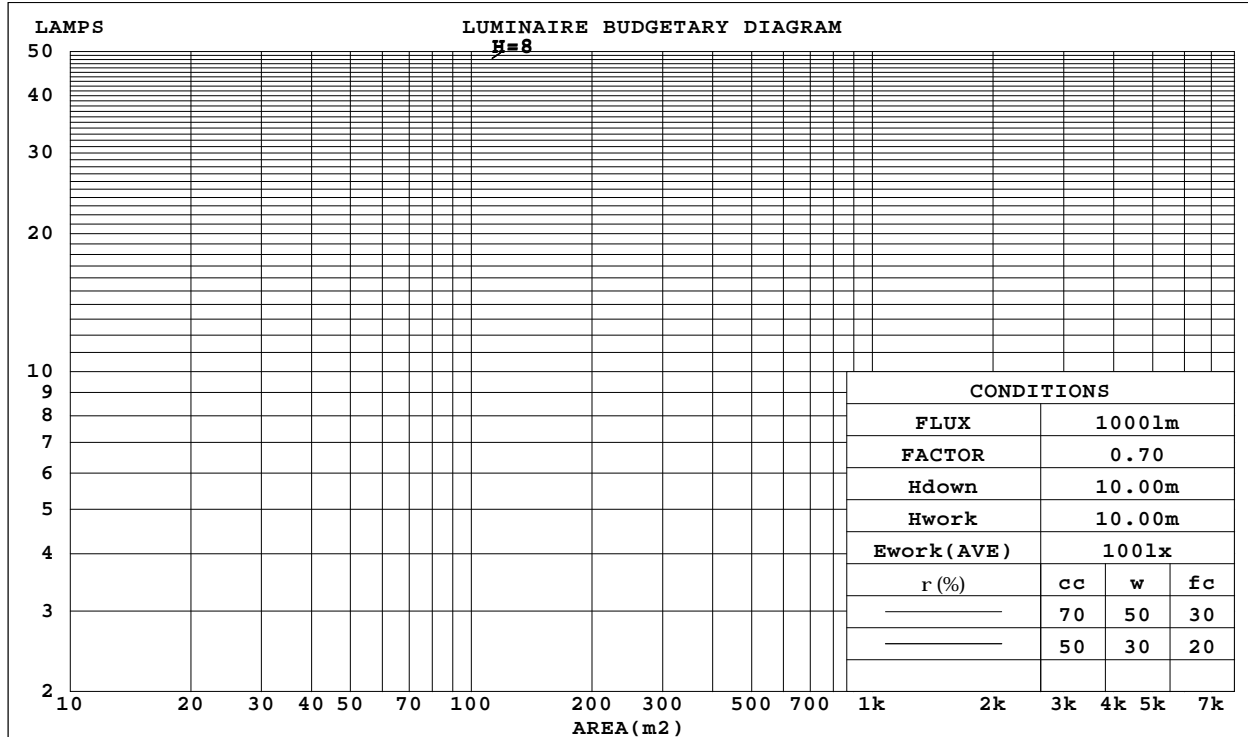
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

G Range: 0 - 90DEG  
 G Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	.00
1.0	1.07	1.03	.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.95	.89	.84	.93	.88	.84	.90	.85	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.68	.67
4.0	.77	.69	.63	.76	.69	.63	.73	.67	.62	.71	.66	.61	.69	.64	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.60	.54	.49	.58	.53	.49	.47
7.0	.59	.51	.45	.58	.50	.45	.56	.50	.45	.55	.49	.44	.54	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.41	.51	.45	.40	.50	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.256	.146	.046	.249	.142	.045	.236	.136	.043	.224	.129	.042	.213	.124	.040	
2.0	.246	.135	.041	.240	.132	.041	.229	.127	.040	.219	.123	.038	.209	.118	.037	
3.0	.232	.123	.037	.226	.121	.036	.216	.117	.036	.207	.114	.035	.199	.110	.034	
4.0	.217	.113	.033	.212	.111	.033	.203	.108	.032	.195	.105	.032	.188	.102	.031	
5.0	.203	.103	.030	.199	.102	.030	.191	.099	.029	.184	.097	.029	.177	.095	.028	
6.0	.190	.095	.027	.186	.094	.027	.180	.092	.027	.173	.090	.026	.167	.088	.026	
7.0	.178	.088	.025	.175	.087	.025	.169	.086	.025	.163	.084	.024	.158	.082	.024	
8.0	.168	.082	.023	.165	.081	.023	.160	.080	.023	.155	.078	.023	.150	.077	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.147	.073	.021	.142	.072	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.020	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.177	.157	.139	.151	.134	.119	.103	.092	.082	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.089	.098	.079	.062	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.092	.068	.048	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.089	.051	.121	.077	.045	.084	.054	.032	.048	.032	.019	.016	.010	.006	
6.0	.134	.081	.043	.115	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.036	.110	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.122	.068	.031	.105	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm										
NAME: 600x300mm Cyanosis Led Panel					TYPE:			WEIGHT:		
SPEC.:					DIM.: 600*300mm			SERIAL No.:		
MFR.:					SUR.:547*247			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	16.9	18.2	17.2	18.4	18.6	17.6	18.9	17.8	19.1	19.3
3H	17.8	19.0	18.1	19.3	19.5	18.8	20.0	19.0	20.2	20.4
4H	18.3	19.4	18.6	19.7	19.9	19.3	20.4	19.6	20.7	20.9
6H	18.6	19.7	19.0	20.0	20.3	19.3	20.4	19.6	20.7	20.9
8H	18.8	19.8	19.1	20.1	20.4	19.3	20.3	19.6	20.6	20.9
12H	18.9	19.9	19.2	20.2	20.5	19.2	20.2	19.6	20.5	20.8
4H 2H	17.3	18.5	17.6	18.7	19.0	17.9	19.1	18.2	19.3	19.6
3H	18.4	19.4	18.8	19.7	20.0	19.3	20.3	19.7	20.6	20.9
4H	19.0	19.9	19.4	20.2	20.6	20.0	20.9	20.3	21.2	21.5
6H	19.5	20.3	19.8	20.6	21.0	20.1	20.9	20.5	21.2	21.6
8H	19.6	20.4	20.0	20.7	21.1	20.0	20.8	20.4	21.1	21.5
12H	19.8	20.5	20.2	20.9	21.3	20.0	20.7	20.4	21.0	21.4
8H 4H	19.3	20.0	19.7	20.4	20.8	20.1	20.9	20.5	21.2	21.6
6H	19.9	20.5	20.3	20.9	21.4	20.3	20.9	20.7	21.3	21.7
8H	20.2	20.7	20.6	21.1	21.6	20.2	20.8	20.7	21.2	21.6
12H	20.4	20.9	20.9	21.3	21.8	20.2	20.6	20.7	21.1	21.6
12H 4H	19.2	19.9	19.7	20.3	20.7	20.1	20.8	20.6	21.2	21.6
6H	19.9	20.4	20.4	20.9	21.3	20.3	20.8	20.7	21.2	21.7
8H	20.2	20.6	20.7	21.1	21.6	20.2	20.7	20.7	21.1	21.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.3				
2.0H	+ 0.5 / - 1.4					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 2433 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

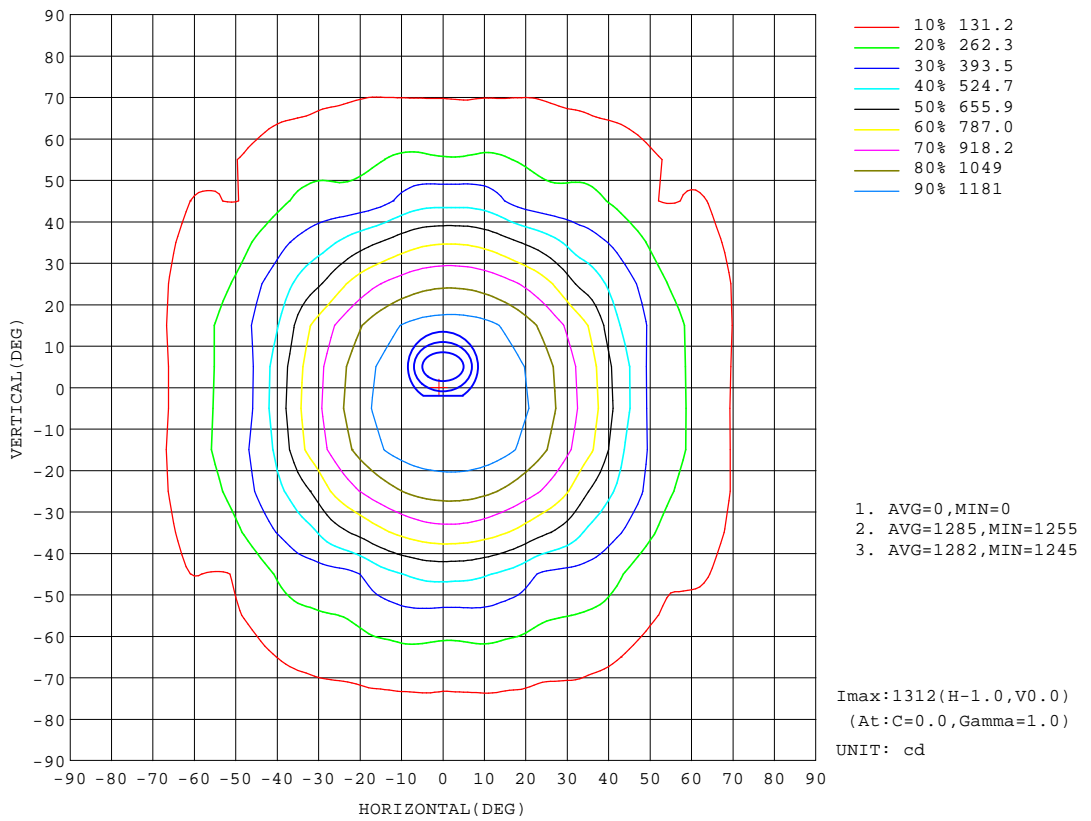
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	67	57	51	66	57	51	65	56	51	45
0.80	77	67	61	76	66	61	74	66	60	54
1.00	84	75	69	83	74	69	81	75	68	62
1.25	90	82	76	89	81	75	87	80	75	68
1.50	95	87	81	93	86	80	90	84	79	73
2.00	100	93	88	98	92	87	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

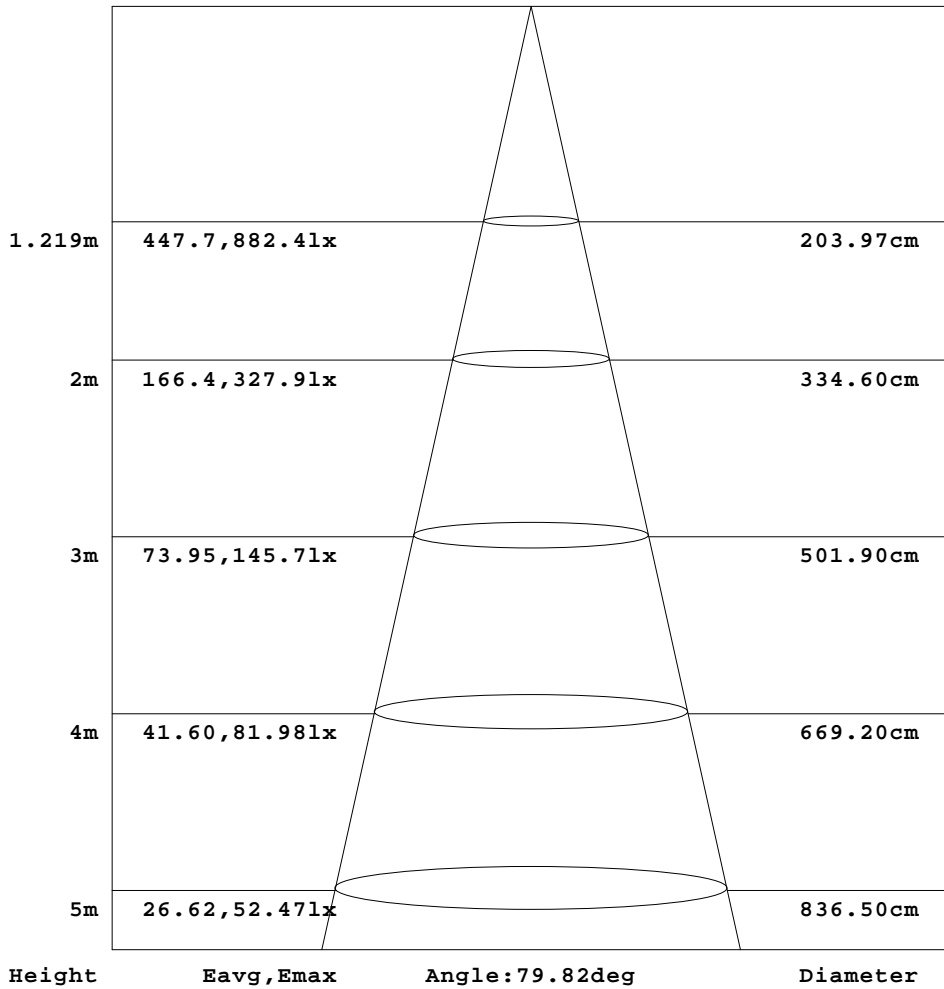
Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

Flux out:1472 lm



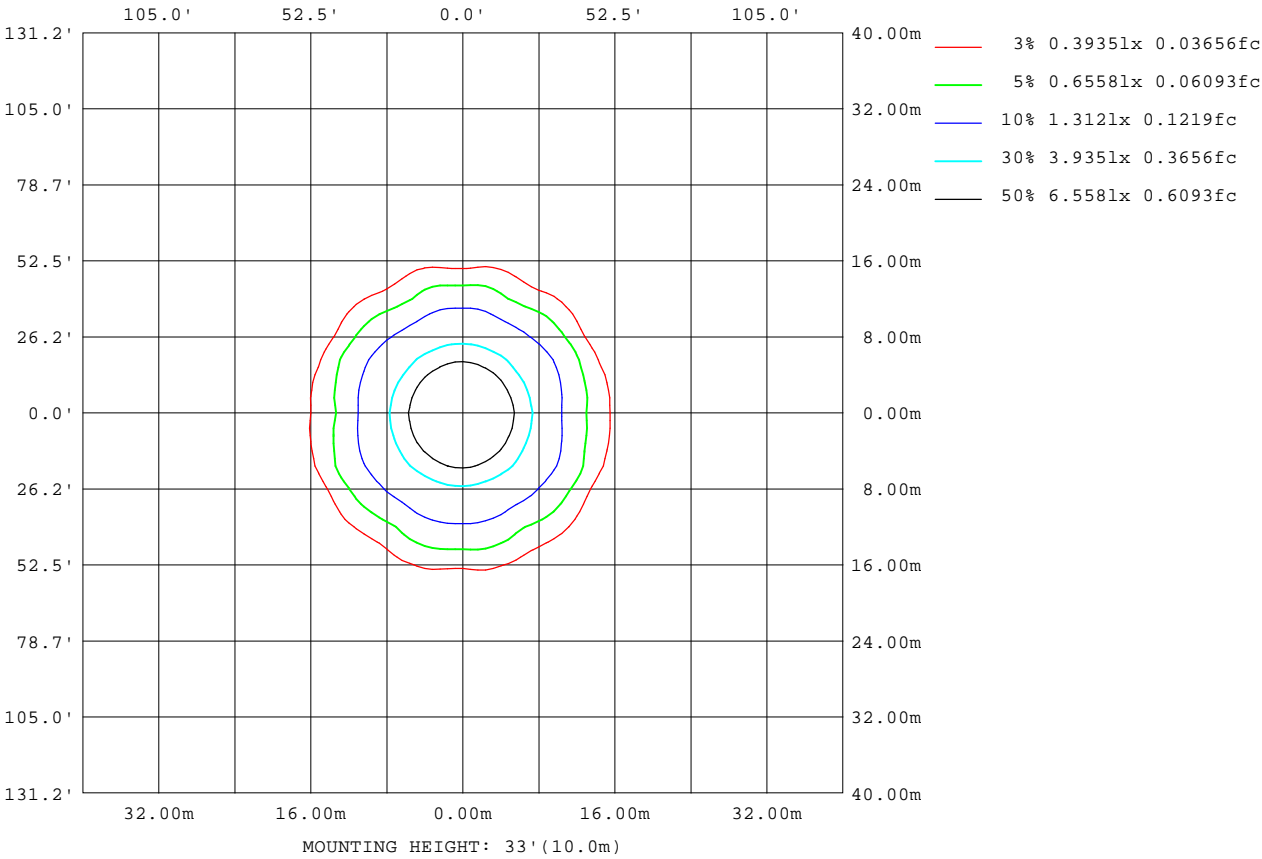
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

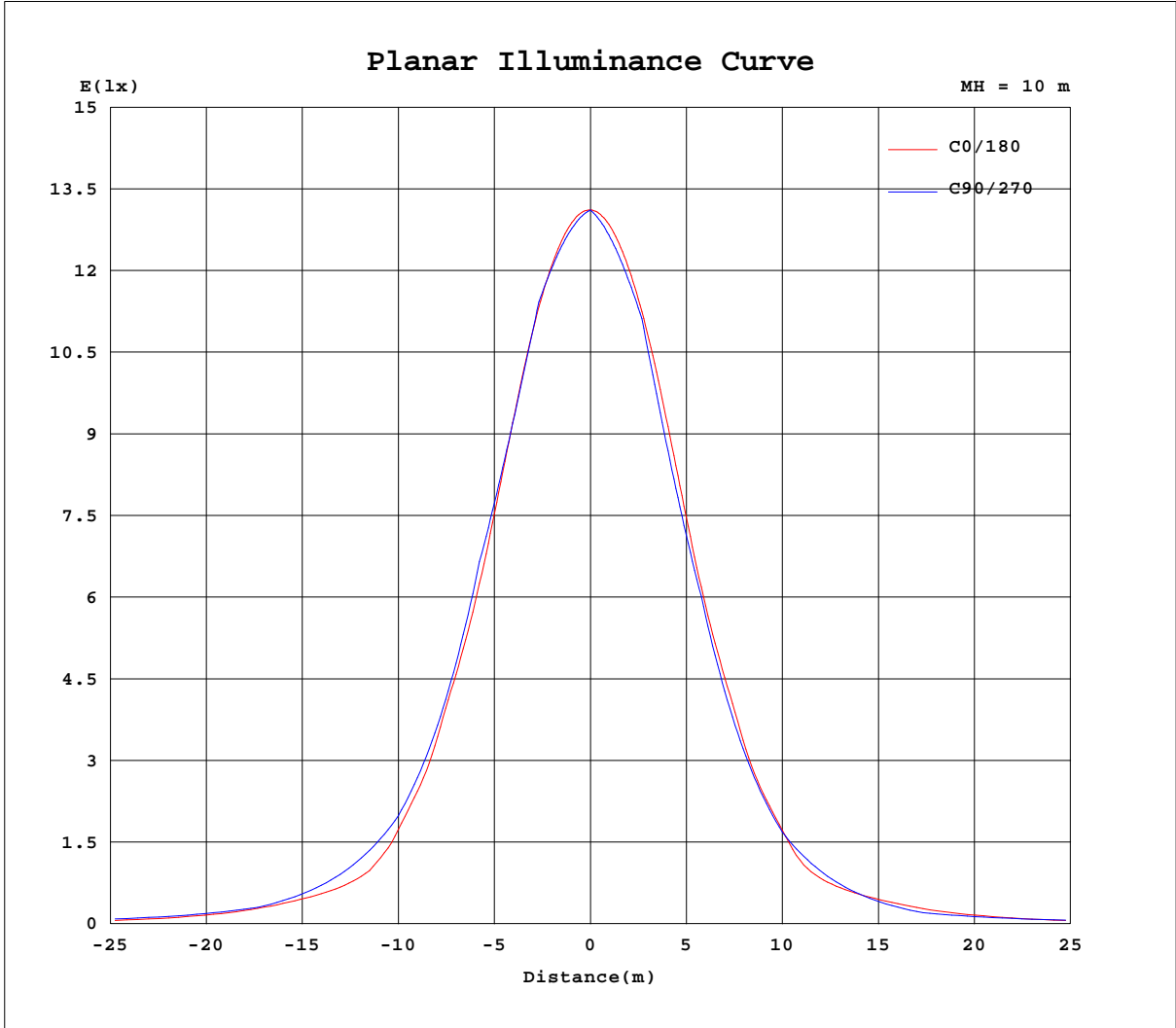
AvgL	cd/m2
L_0~180(65)av	2886
L_0~180(75)av	2897
L_0~180(85)av	3233
L_90~270(65)av	3073
L_90~270(75)av	3259
L_90~270(85)av	0
L_45(65)av	3305
L_45(75)av	2779
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 g Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators:  
Test Date: 2018-12-25

Page Range: 0 - 90DEG  
Page Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity: 65.0%  
Test Distance: 10.257m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312
5	1308	1306	1305	1304	1303	1302	1302	1301	1300	1300	1299	1299	1298	1298	1298	1298	1297	1297	1297
10	1291	1288	1286	1284	1283	1282	1281	1281	1281	1281	1281	1282	1282	1282	1283	1283	1283	1283	1283
15	1258	1253	1249	1246	1244	1244	1245	1246	1249	1252	1255	1258	1261	1264	1266	1267	1268	1268	1268
20	1193	1185	1180	1178	1178	1181	1186	1192	1199	1208	1209	1203	1199	1195	1193	1190	1189	1188	1187
25	1091	1082	1078	1079	1083	1091	1102	1114	1109	1104	1101	1099	1098	1100	1102	1104	1105	1106	1106
30	963	955	954	958	968	983	989	986	986	986	986	988	992	998	1005	1013	1020	1024	1025
35	834	826	826	833	848	851	847	852	860	867	872	877	869	865	864	867	869	870	871
40	658	650	654	671	693	695	688	695	722	737	723	706	701	703	705	709	713	716	717
45	492	488	493	502	523	541	547	545	552	568	558	536	524	538	546	552	557	561	563
50	331	342	362	391	417	438	448	438	435	429	414	380	370	403	433	448	458	459	457
55	280	285	297	299	315	343	337	333	336	336	326	316	310	324	348	358	366	358	352
60	230	233	241	240	240	223	213	216	247	267	269	263	257	259	270	271	276	259	246
65	166	170	181	187	179	155	138	155	179	199	207	209	206	205	213	216	223	212	203
70	114	118	132	140	142	130	127	127	132	143	155	160	160	156	164	166	172	165	160
75	103	100	99.3	90.6	92.3	101	110	101	95.7	99.2	109	112	114	108	115	118	121	118	117
80	64.7	61.5	55.0	53.2	51.3	65.1	72.9	69.7	62.9	52.8	46.3	37.5	29.0	19.4	13.2	7.78	3.59	0.88	0.00
85	39.7	28.1	27.0	27.0	27.4	15.2	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
90	20.4	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	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312
5	1297	1297	1297	1297	1297	1297	1297	1297	1297	1298	1298	1299	1299	1300	1301	1302	1303	1305	1302
10	1282	1282	1281	1281	1280	1279	1279	1278	1277	1277	1276	1276	1277	1277	1279	1280	1282	1285	1280
15	1268	1267	1265	1263	1261	1258	1255	1252	1248	1245	1242	1239	1238	1238	1238	1241	1244	1249	1240
20	1187	1187	1188	1190	1193	1196	1200	1206	1205	1196	1187	1180	1175	1172	1171	1172	1176	1183	1171
25	1105	1103	1102	1099	1097	1096	1096	1097	1100	1105	1111	1098	1086	1078	1073	1071	1074	1081	1067
30	1023	1019	1012	1003	994	988	983	981	981	981	983	987	980	964	953	947	947	953	940
35	871	871	867	864	862	864	870	865	861	855	848	845	850	848	831	821	818	823	809
40	719	717	712	708	704	700	703	717	732	715	689	686	694	695	671	651	643	647	630
45	567	564	558	552	542	526	532	553	560	544	542	546	542	529	509	493	486	488	482
50	462	462	455	439	410	374	374	407	420	432	437	448	440	420	401	372	341	322	335
55	360	368	365	355	332	309	310	317	331	338	335	339	345	322	308	305	286	276	283
60	258	277	277	277	266	253	258	262	267	251	220	215	225	243	242	243	232	227	228
65	212	223	219	219	210	202	205	203	201	182	156	135	148	175	185	182	173	164	174
70	166	170	167	167	159	157	158	154	145	131	125	120	123	137	138	132	120	112	119
75	120	117	116	115	110	113	112	109	101	94.5	97.8	107	99.1	92.7	87.7	94.9	97.1	99.9	101
80	0.89	3.46	7.66	13.3	19.7	28.7	37.7	46.5	54.2	61.2	67.2	71.2	64.8	48.9	48.0	48.9	55.5	62.8	62.7
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.0	26.0	25.1	23.3	24.0	36.5	36.2
90	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	0.00	13.2	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312
5	1300	1298	1296	1294	1293	1291	1290	1289	1288	1288	1287	1287	1286	1286	1286	1286	1286	1286	1286
10	1275	1271	1268	1265	1263	1262	1260	1260	1259	1259	1259	1259	1259	1259	1259	1260	1260	1260	1260
15	1232	1226	1222	1218	1216	1216	1217	1218	1220	1223	1226	1228	1230	1232	1233	1234	1234	1234	1234
20	1161	1153	1149	1147	1147	1150	1154	1161	1159	1152	1146	1141	1138	1135	1133	1132	1132	1132	1134
25	1057	1052	1050	1051	1056	1063	1052	1044	1038	1033	1029	1028	1027	1028	1028	1029	1029	1029	1029
30	933	931	935	942	939	927	919	916	913	910	910	910	914	918	923	926	927	926	923
35	803	806	815	809	788	777	774	779	785	789	776	769	770	773	777	777	777	777	777
40	626	636	653	653	642	624	616	627	627	618	605	599	608	620	628	628	627	628	628
45	484	487	489	501	507	497	488	480	473	456	437	427	440	463	479	479	478	480	479
50	357	382	393	403	406	397	387	377	355	317	298	307	334	365	381	378	374	377	380
55	299	291	289	301	296	290	290	287	284	264	252	258	274	290	292	278	270	275	289
60	234	226	215	200	186	178	211	228	228	217	204	210	222	223	206	179	166	174	202
65	180	180	171	147	129	144	165	178	175	167	162	169	179	178	168	154	148	151	166
70	131	136	139	127	128	133	139	136	133	133	134	136	140	136	132	130	130	129	132
75	98.7	90.7	91.1	92.9	106	106	98.6	94.7	92.5	95.1	104	106	102	93.9	94.8	106	111	106	96.1
80	60.0	57.0	53.7	59.9	66.0	66.9	59.0	47.5	38.3	31.6	27.7	19.7	12.1	6.20	2.81	0.79	0.00	0.79	2.84
85	33.7	33.3	30.5	14.7	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
90	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	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1176A P:24.83W PF:0.9595 Lamp Flux:2432.8x1 lm		
NAME: 600x300mm Cyanosis Led Panel	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*300mm	SERIAL No.:
MFR.:	SUR.:547*247	Shielding Angle:

Table--4

UNIT: cd

C (DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312				
5	1287	1287	1288	1288	1289	1290	1291	1293	1294	1296	1297	1299	1301	1303	1305				
10	1261	1261	1261	1261	1262	1262	1263	1264	1266	1268	1270	1273	1277	1281	1286				
15	1233	1232	1230	1228	1226	1224	1222	1221	1221	1222	1224	1228	1233	1240	1248				
20	1136	1139	1144	1149	1154	1162	1163	1157	1153	1152	1152	1155	1160	1168	1179				
25	1029	1029	1030	1032	1036	1040	1047	1055	1065	1058	1055	1054	1057	1064	1075				
30	919	916	914	913	914	916	919	923	928	940	944	937	936	939	948				
35	775	772	772	780	794	790	783	776	776	785	808	817	810	809	817				
40	622	609	600	608	623	631	627	610	617	640	652	648	634	629	637				
45	465	438	427	440	458	472	472	482	497	506	499	491	492	490	487				
50	365	331	308	299	316	351	372	385	396	409	404	394	382	362	342				
55	288	273	260	251	261	280	282	286	289	294	298	290	292	302	286				
60	219	223	212	203	214	226	224	208	178	185	199	213	226	235	231				
65	175	180	170	160	166	174	177	165	144	128	145	170	180	182	176				
70	135	139	136	132	133	132	137	140	134	126	128	137	135	133	120				
75	93.6	101	106	103	95.8	91.7	93.5	99.5	107	106	94.0	89.9	89.0	99.6	101				
80	6.19	11.9	19.7	27.5	31.9	37.3	46.4	59.7	67.8	67.2	59.9	55.1	58.7	60.4	63.5				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.7	31.3	34.6	35.7	37.1				
90	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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:  
 Test Date:2018-12-25

g Range: 0 - 90DEG  
 Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:65.0%  
 Test Distance:10.257m [K=1.0000]  
 Remarks: