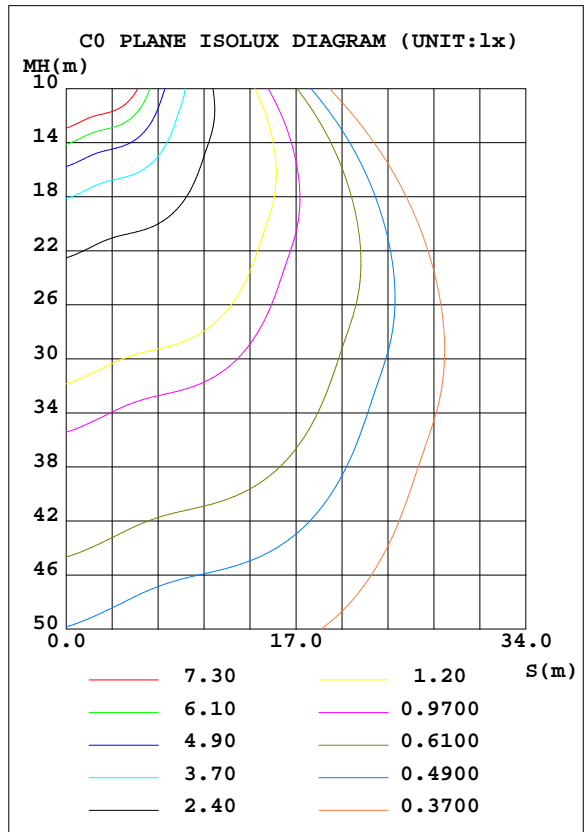
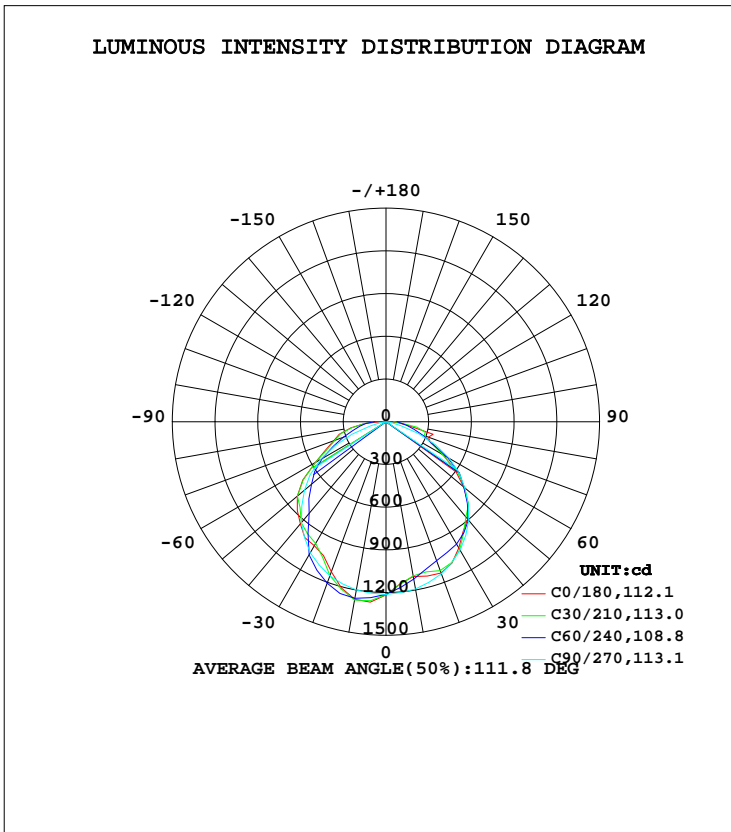


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	MY-T5154020372B	Imax(cd)	1276	S/MH(C0/180)	1.26
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3510.4	η UP, DN(C0-180)	0.0,49.7
NOMINAL FLUX(lm)	3510.42	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1104	1108	1193	1263	1266	1270	1200	1111	0- 10	114.5	114.5	3.26,3.26
20	1131	1073	1137	1172	1122	1177	1153	1082	10- 20	328.0	442.5	12.6,12.6
30	1023	1037	1040	987.2	1006	987.1	1063	1050	20- 30	497.8	940.3	26.8,26.8
40	892.3	882.5	904.2	872.8	935.3	879.7	925.3	897.9	30- 40	602.7	1543	44,44
50	712.1	730.6	722.8	748.0	813.7	755.7	748.0	740.1	40- 50	632.9	2176	62,62
60	462.7	480.8	512.8	573.3	572.6	572.6	532.9	486.4	50- 60	563.3	2739	78,78
70	317.1	275.3	242.5	339.6	392.1	342.4	253.0	273.5	60- 70	393.1	3132	89.2,89.2
80	161.4	208.4	41.73	237.7	250.9	239.9	41.45	205.5	70- 80	258.1	3390	96.6,96.6
90	26.69	77.00	0.4752	95.18	50.43	95.69	0	78.70	80- 90	120.1	3510	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1861 lm

%lum = 53.0%

%lamp = 53.0%

Conical surface Flux(120deg): 2739.1 lm

%lum = 78.0%

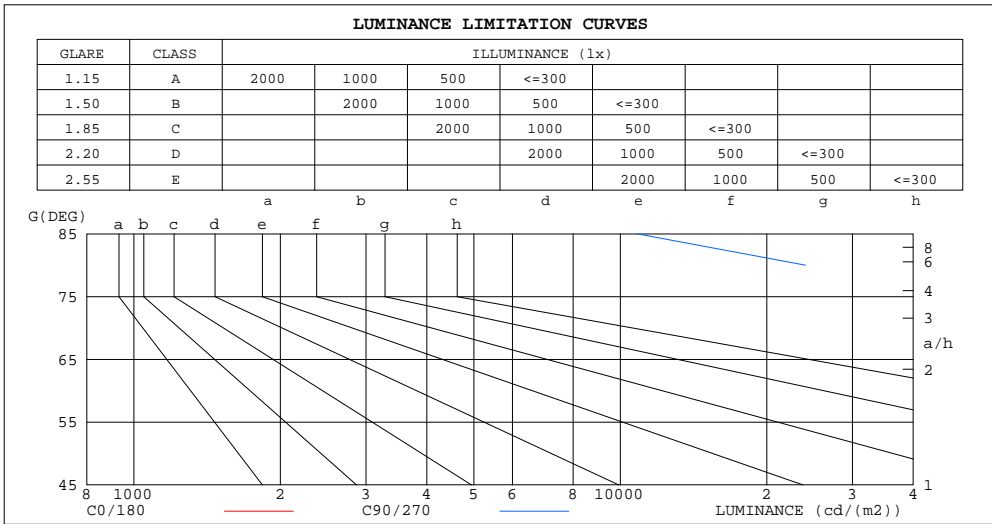
%lamp = 78.0%

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	98362	10828
80	92970	24033
75	132336	42291
70	92701	70891
65	81504	90652
60	92541	102560
55	103428	109442
50	110782	112443
45	115541	115617

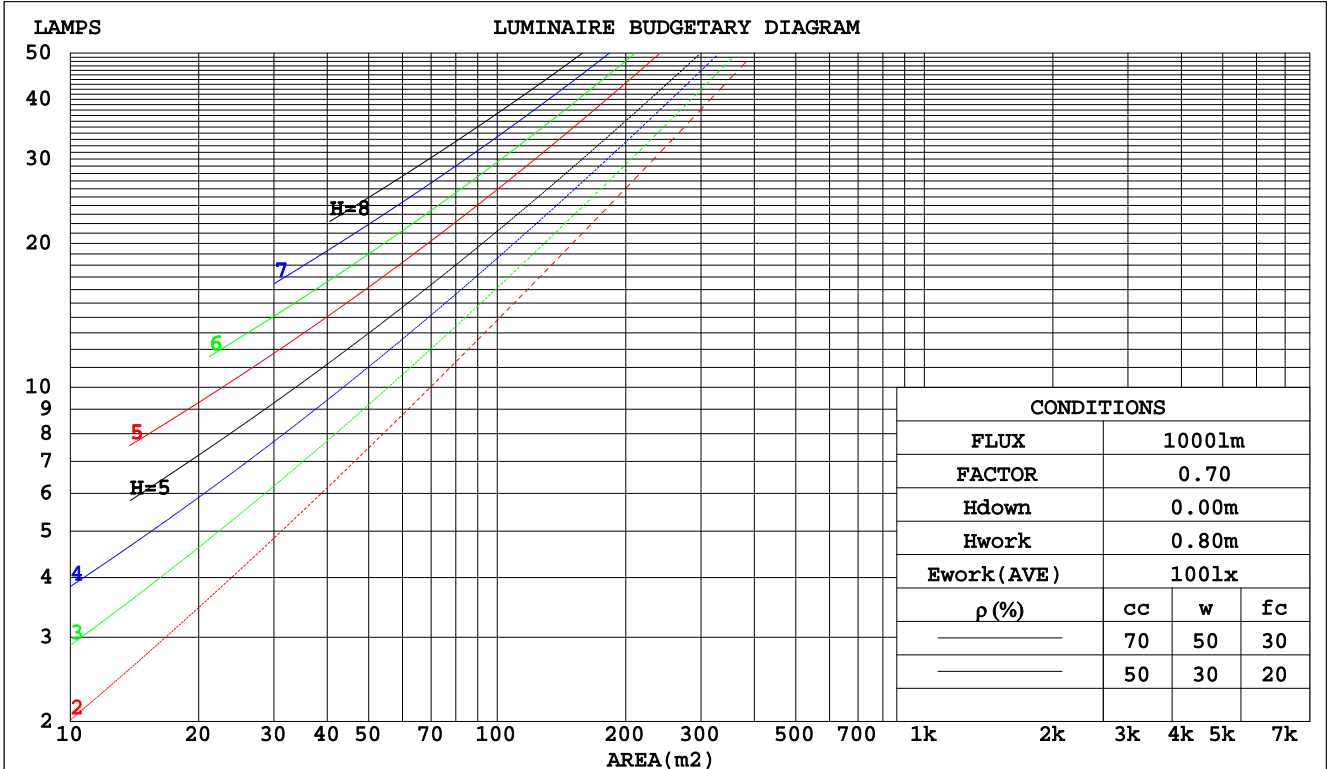
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

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						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	1.03	.99	.94	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.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	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.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	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

WEC AND CCEC

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm								
NAME: LED TUBE			TYPE:LED			WEIGHT:N/A		
SPEC.:N/A			DIM.:			SERIAL No.:N/A		
MFR.: MY LUMENS TECH.CO.LTD			SUR.:			Shielding Angle:N/A		

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 Coefficients(WEC)									
0.0																
1.0	.325	.185	.059	.318	.181	.058	.305	.175	.056	.292	.169	.054	.281	.163	.053	
2.0	.299	.164	.050	.293	.161	.050	.281	.156	.049	.270	.152	.047	.260	.147	.046	
3.0	.274	.146	.044	.269	.144	.043	.258	.140	.043	.249	.136	.042	.240	.133	.041	
4.0	.252	.131	.038	.247	.129	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.110	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021	

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	.181	.156	.133	.155	.134	.115	.106	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.142	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm										
NAME: LED TUBE					TYPE:LED			WEIGHT:N/A		
SPEC.:N/A					DIM.:			SERIAL No.:N/A		
MFR.: MY LUMENS TECH.CO.LTD					SUR.:			Shielding Angle:N/A		
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	28.5	30.0	28.7	30.2	30.4	28.6	30.2	28.9	30.4	30.6
3H	30.3	31.7	30.6	32.0	32.2	29.4	30.9	29.7	31.1	31.3
4H	31.6	33.0	32.0	33.2	33.5	29.6	31.0	29.9	31.2	31.5
6H	32.1	33.4	32.5	33.7	34.0	29.6	30.9	30.0	31.2	31.5
8H	32.3	33.5	32.6	33.8	34.1	29.6	30.8	30.0	31.1	31.4
12H	33.1	34.3	33.4	34.6	34.9	29.6	30.8	29.9	31.0	31.4
4H 2H	29.0	30.3	29.3	30.6	30.8	29.1	30.4	29.4	30.7	30.9
3H	31.1	32.3	31.4	32.6	32.9	30.2	31.4	30.5	31.7	32.0
4H	32.6	33.6	32.9	34.0	34.3	30.6	31.7	31.0	32.0	32.3
6H	33.2	34.2	33.6	34.6	34.9	30.8	31.8	31.2	32.1	32.5
8H	33.5	34.4	33.9	34.7	35.1	30.8	31.7	31.2	32.1	32.5
12H	34.7	35.5	35.1	35.9	36.3	31.2	32.0	31.6	32.4	32.8
8H 4H	32.9	33.8	33.3	34.2	34.6	31.2	32.1	31.6	32.5	32.8
6H	33.8	34.6	34.3	35.0	35.4	31.7	32.5	32.2	32.9	33.3
8H	34.2	34.9	34.6	35.3	35.7	31.9	32.6	32.4	33.0	33.5
12H	36.1	36.7	36.6	37.2	37.6	33.9	34.5	34.4	34.9	35.4
12H 4H	32.9	33.8	33.4	34.2	34.6	31.3	32.1	31.7	32.5	32.9
6H	34.0	34.6	34.4	35.1	35.5	32.0	32.7	32.5	33.1	33.6
8H	34.4	35.0	34.8	35.4	35.9	32.3	32.9	32.8	33.4	33.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.1				
1.5H	+ 0.7 / - 0.7					+ 0.3 / - 0.3				
2.0H	+ 0.5 / - 1.1					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 3510 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

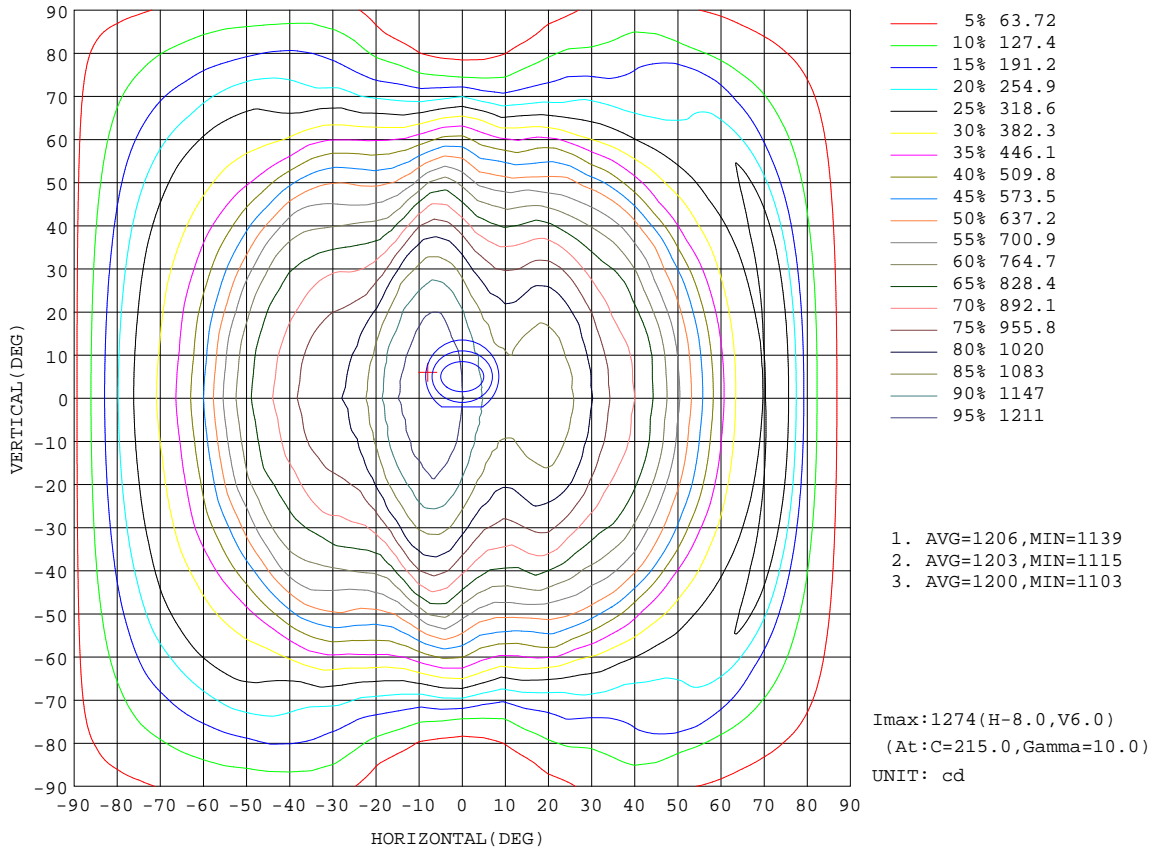
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	94	86	79	93	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	82
5.00	108	103	99	106	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: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

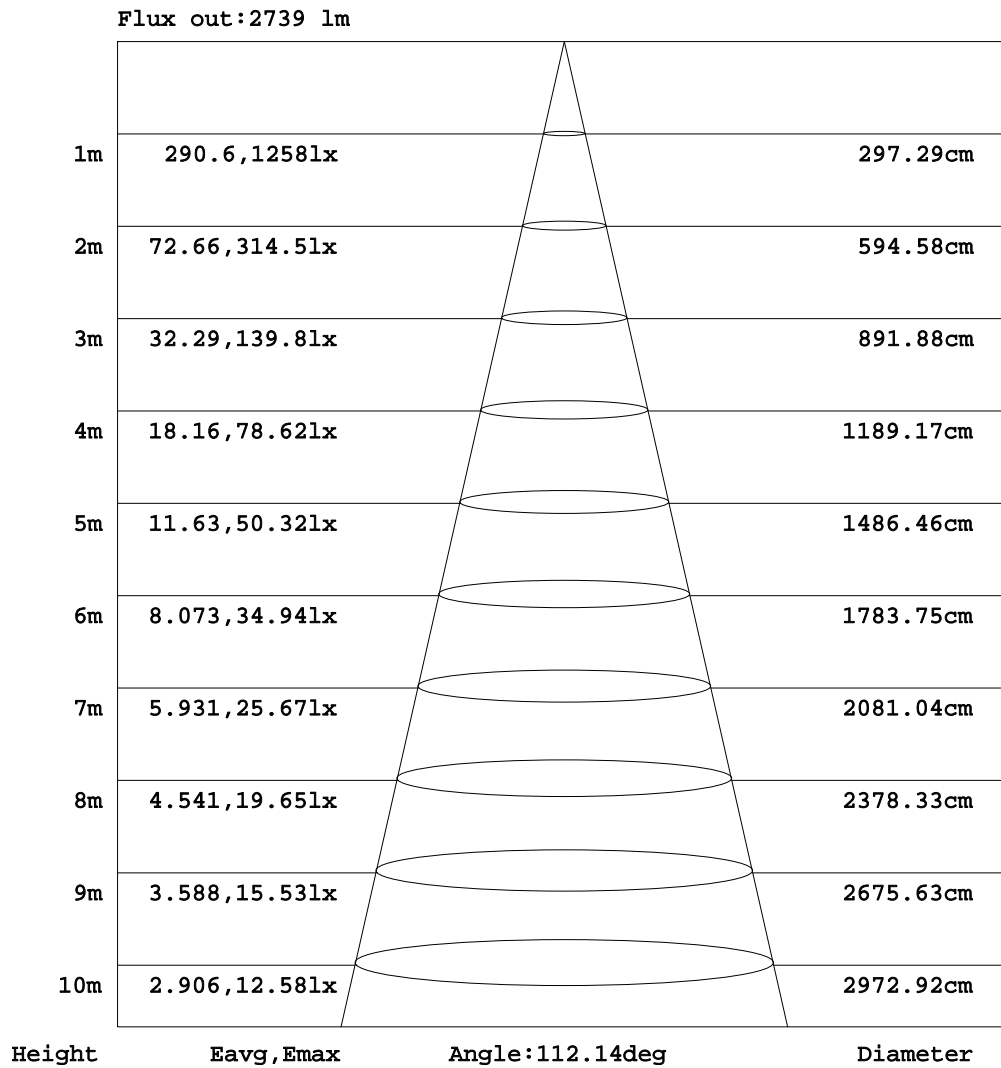


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

AAI Figure

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A



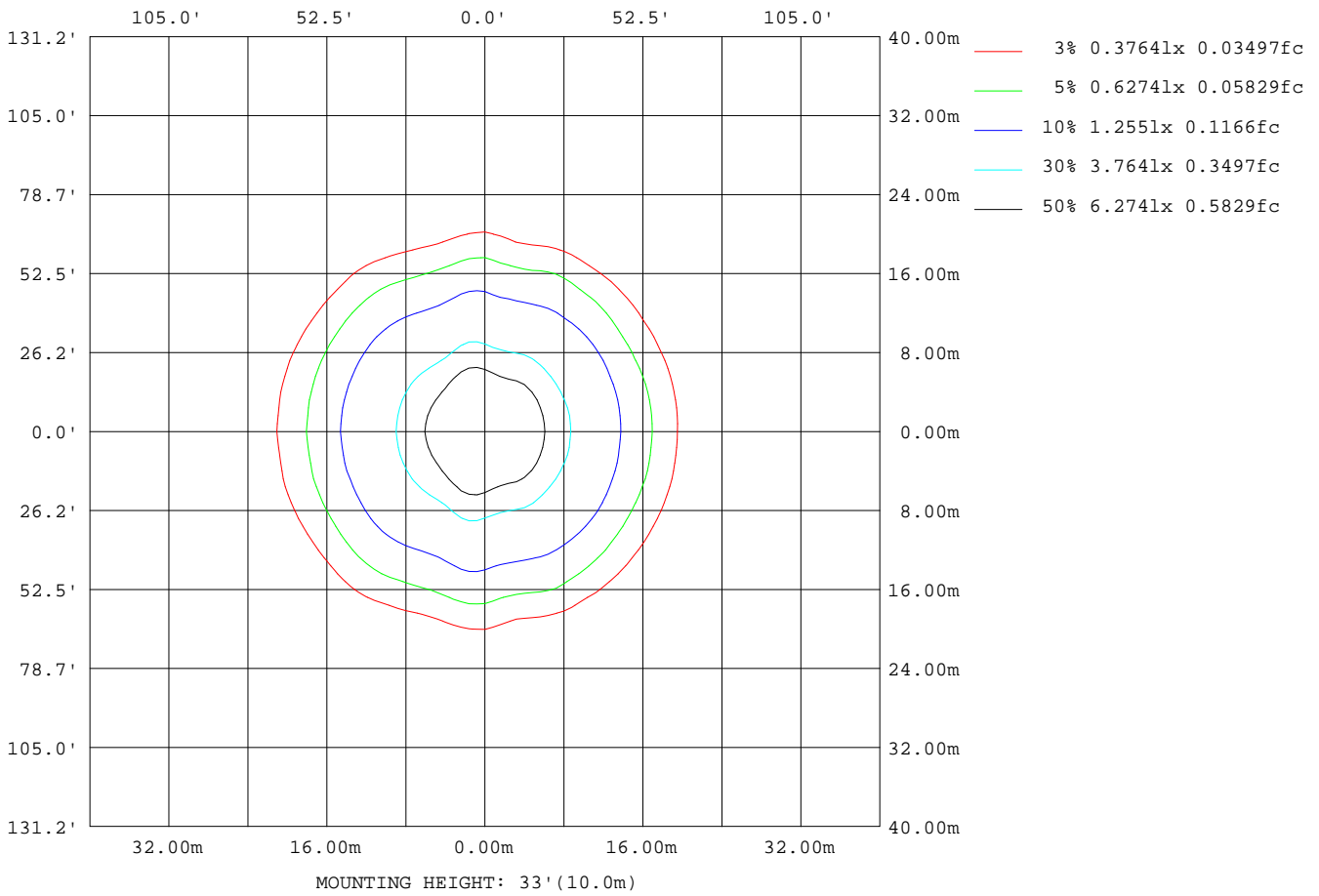
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

ISOLUX DIAGRAM

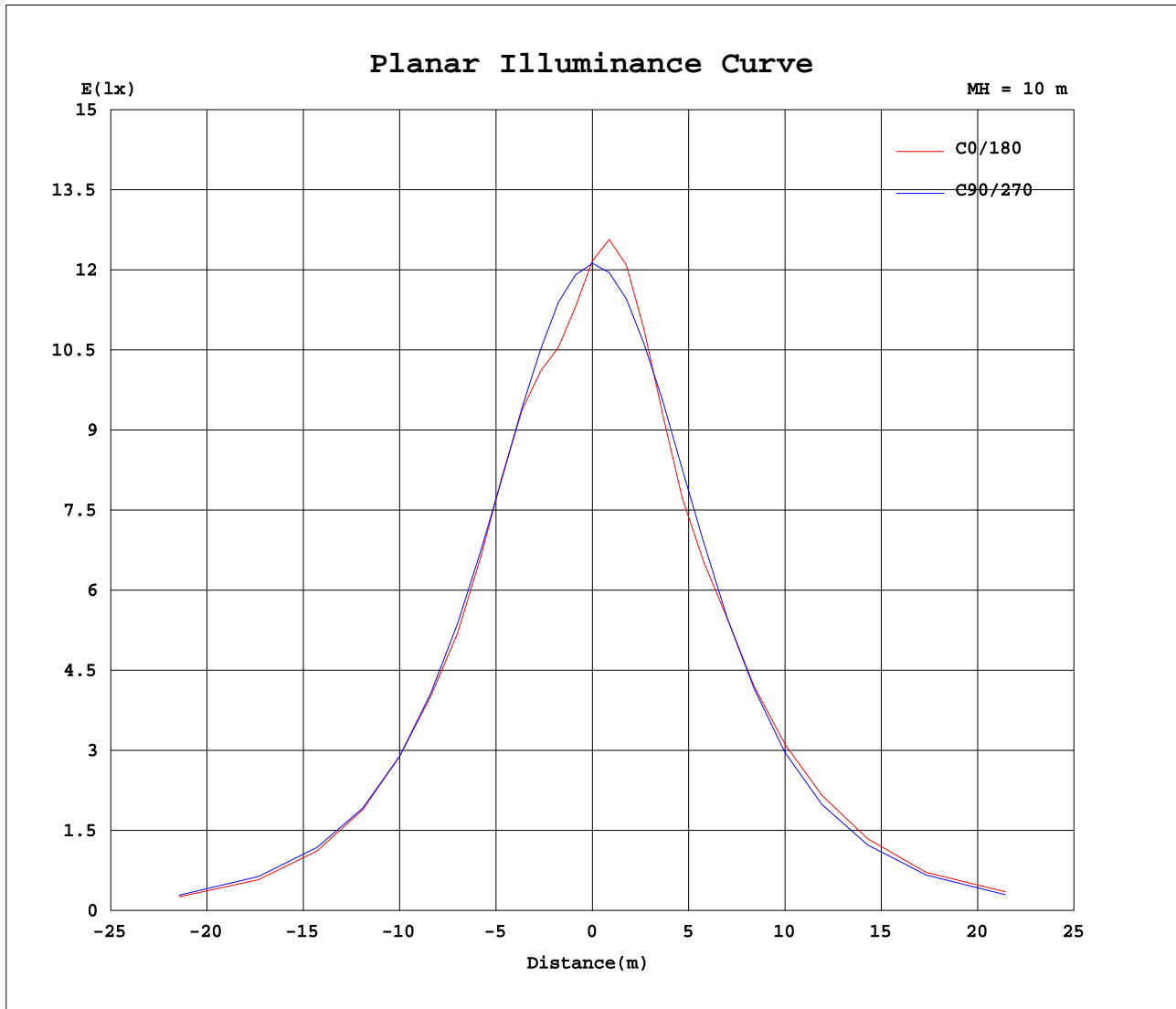
Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: William
Test Date: 2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity: 65.7%
Test Distance: 26.000m [K=1.4470]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1217	1218	1214	1216	1214	1214	1214	1215	1215	1213	1212	1214	1212	1214	1213	1213	1213	1212	1212
5	1144	1144	1140	1145	1143	1146	1146	1153	1153	1156	1157	1168	1169	1178	1182	1189	1193	1202	1204
10	1104	1102	1099	1101	1099	1098	1100	1106	1103	1108	1107	1120	1123	1130	1137	1155	1164	1182	1193
15	1122	1116	1114	1113	1108	1097	1092	1088	1079	1071	1068	1075	1074	1085	1092	1115	1126	1149	1167
20	1131	1128	1124	1124	1121	1115	1112	1105	1087	1073	1056	1050	1038	1041	1049	1065	1080	1111	1137
25	1096	1095	1091	1093	1092	1092	1092	1091	1080	1072	1054	1037	1014	1001	997	1015	1027	1058	1091
30	1023	1018	1019	1023	1023	1032	1037	1045	1045	1037	1027	1018	992	967	949	957	967	999	1040
35	944	939	941	944	943	948	951	962	966	973	977	976	952	929	900	900	901	933	976
40	892	885	889	887	881	878	874	879	878	883	888	904	901	879	841	834	832	861	904
45	817	810	818	819	819	821	821	820	806	802	800	808	808	814	780	756	750	771	818
50	712	703	709	710	711	715	722	733	733	731	720	724	715	710	694	674	661	680	723
55	593	587	590	595	594	604	612	621	623	630	628	630	630	621	589	570	567	575	628
60	463	458	460	462	456	455	453	460	465	481	486	494	498	517	495	460	447	468	513
65	344	345	347	352	354	359	359	363	361	363	361	365	353	363	356	346	318	350	383
70	317	314	310	303	296	287	285	286	279	275	272	280	276	256	244	228	201	214	242
75	343	343	339	339	328	311	287	260	242	233	215	208	204	201	173	154	120	113	109
80	161	164	167	176	186	205	222	238	232	208	185	164	148	145	125	96.2	66.2	47.8	41.7
85	85.7	86.8	88.9	91.4	94.8	99.4	106	118	129	142	141	123	104	93.5	81.5	51.6	28.3	13.9	9.44
90	26.7	26.4	28.3	30.7	36.9	45.1	54.9	63.0	67.9	77.0	85.8	91.3	78.2	59.1	43.5	23.4	9.24	2.78	0.48

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2017-12-15
γ Range: 0 - 90DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
Humidity:65.7%
Test Distance:26.000m [K=1.4470]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1213	1213	1212	1213	1212	1213	1212	1215	1212	1213	1213	1213	1213	1215	1211	1215	1211	1217	1218
5	1211	1218	1225	1230	1231	1237	1241	1244	1251	1254	1253	1260	1261	1262	1263	1268	1266	1272	1272
10	1204	1220	1221	1239	1241	1247	1256	1260	1263	1260	1262	1264	1262	1257	1262	1260	1260	1266	1264
15	1187	1201	1218	1229	1238	1235	1237	1238	1231	1218	1214	1211	1204	1200	1203	1202	1202	1209	1205
20	1164	1182	1193	1212	1204	1199	1184	1179	1172	1162	1152	1142	1136	1122	1123	1117	1115	1122	1119
25	1126	1149	1162	1167	1155	1135	1127	1111	1092	1070	1056	1042	1036	1029	1034	1031	1031	1038	1034
30	1080	1106	1111	1110	1088	1062	1038	1003	987	973	975	973	978	982	991	996	997	1006	1001
35	1026	1049	1053	1038	1001	948	920	908	915	918	934	947	956	963	976	983	984	994	990
40	957	984	979	935	869	833	837	852	873	883	903	911	915	915	923	924	925	935	929
45	878	900	868	795	754	760	780	796	815	822	834	842	844	853	866	868	870	881	877
50	787	783	722	677	673	679	700	726	748	769	788	796	796	796	808	803	804	814	811
55	669	643	594	567	575	603	642	668	692	700	701	691	691	689	703	700	702	713	707
60	522	500	471	467	486	508	545	561	573	568	562	556	560	559	567	560	562	573	566
65	380	361	344	354	378	398	429	444	440	435	438	441	449	455	462	457	458	467	462
70	243	227	240	258	273	308	333	331	340	351	366	372	376	376	382	383	384	392	389
75	125	132	158	179	200	234	250	266	290	311	321	326	331	331	334	330	333	340	338
80	46.9	60.0	89.8	116	147	177	202	225	238	241	245	241	238	238	243	242	245	251	249
85	11.2	21.5	40.4	67.3	105	134	149	155	161	153	152	151	152	149	149	144	144	149	147
90	1.19	6.20	15.6	37.2	65.0	79.3	95.6	99.0	95.2	97.6	97.8	89.9	77.1	66.2	56.7	50.9	48.2	50.4	51.4

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature:24.5DEG Operators:William Test Date:2017-12-15	γ Range: 0 - 90DEG γ Interval: 5.0DEG Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352 Humidity:65.7% Test Distance:26.000m [K=1.4470] Remarks:
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42x1 lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

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	1214	1216	1214	1214	1214	1215	1215	1213	1212	1214	1212	1214	1213	1213	1213	1212	1212	1213	1213
5	1268	1270	1267	1264	1262	1264	1258	1254	1246	1248	1240	1239	1235	1229	1221	1218	1209	1203	1201
10	1265	1267	1269	1269	1272	1276	1272	1270	1265	1268	1260	1253	1241	1234	1221	1214	1200	1187	1176
15	1206	1210	1212	1213	1217	1224	1228	1234	1242	1250	1249	1245	1234	1234	1209	1201	1179	1157	1139
20	1123	1127	1135	1138	1151	1163	1170	1177	1186	1199	1208	1219	1220	1214	1196	1177	1153	1121	1100
25	1035	1037	1040	1040	1053	1063	1079	1095	1118	1140	1150	1162	1176	1181	1167	1143	1111	1073	1047
30	1000	998	995	989	988	985	985	987	1008	1041	1080	1102	1113	1129	1122	1100	1063	1017	990
35	989	985	977	968	960	948	935	918	916	923	955	1005	1043	1066	1061	1041	997	946	921
40	933	931	931	928	926	918	901	880	859	845	840	866	927	981	989	971	925	868	846
45	877	872	868	859	855	849	839	820	800	785	766	756	786	855	905	891	837	781	766
50	813	810	812	810	812	802	781	756	731	707	683	674	675	712	780	800	748	690	677
55	712	704	707	703	709	707	710	693	674	645	613	581	573	591	639	673	652	588	584
60	572	568	571	570	572	568	575	573	566	551	519	490	476	475	498	532	533	486	465
65	468	464	464	458	453	446	443	438	447	435	409	385	364	346	359	383	394	371	328
70	389	386	384	382	381	374	360	342	335	334	320	280	264	247	231	238	253	221	208
75	341	338	340	336	332	325	317	298	273	255	244	211	183	164	135	125	111	112	121
80	249	247	244	241	246	248	246	240	232	210	188	156	122	96.5	65.3	46.6	41.5	44.3	62.8
85	151	151	154	154	156	155	157	162	159	154	140	115	74.2	46.1	23.3	12.8	8.47	12.3	24.6
90	53.1	58.8	66.9	77.9	89.5	100.0	98.9	95.7	98.5	101	83.0	70.2	43.2	19.5	7.42	1.90	0.00	1.67	6.36

<p>C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature:24.5DEG Operators:William Test Date:2017-12-15</p>	<p>γ Range: 0 - 90DEG γ Interval: 5.0DEG Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352 Humidity:65.7% Test Distance:26.000m [K=1.4470] Remarks:</p>
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.0970A P:20.85W PF:0.9771 Freq:50.01Hz Lamp Flux:3510.42xl lm		
NAME: LED TUBE	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: MY LUMENS TECH.CO.LTD	SUR.:	Shielding Angle:N/A

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1212	1213	1212	1213	1212	1215	1212	1213	1213	1213	1213	1215	1211	1215	1211				
5	1194	1188	1178	1172	1166	1161	1159	1154	1150	1151	1144	1144	1143	1143	1138				
10	1154	1154	1138	1124	1121	1115	1111	1105	1102	1104	1099	1097	1100	1101	1097				
15	1120	1111	1093	1082	1080	1083	1081	1083	1090	1095	1102	1105	1111	1114	1115				
20	1074	1066	1048	1047	1055	1068	1082	1093	1105	1115	1117	1121	1126	1127	1124				
25	1021	1017	1011	1022	1042	1065	1079	1088	1092	1095	1094	1091	1095	1097	1090				
30	967	967	976	1000	1027	1041	1050	1054	1051	1048	1034	1030	1025	1025	1019				
35	906	917	935	963	985	994	988	977	967	962	952	948	947	946	941				
40	837	855	883	912	915	907	898	890	884	883	877	883	892	893	889				
45	761	785	817	820	816	815	813	815	827	830	824	825	827	826	818				
50	678	703	710	720	728	733	740	746	739	733	717	714	718	717	711				
55	575	594	622	641	633	639	640	636	626	623	607	607	602	601	595				
60	460	501	524	515	497	499	486	474	458	457	453	461	463	465	465				
65	349	366	370	361	366	368	364	365	362	364	361	361	357	353	349				
70	227	251	260	281	284	277	274	278	284	287	287	296	305	310	316				
75	151	176	201	211	209	214	230	239	254	281	308	328	341	348	347				
80	92.2	123	147	152	162	184	205	230	236	228	208	196	183	177	169				
85	46.2	78.9	94.2	104	120	139	142	131	118	109	101	97.7	93.8	91.7	89.1				
90	19.8	39.9	56.8	74.3	91.0	87.7	78.7	68.2	63.7	56.2	47.7	39.5	33.7	29.8	28.5				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2017-12-15

γ Range: 0 - 90DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.352
 Humidity:65.7%
 Test Distance:26.000m [K=1.4470]
 Remarks: