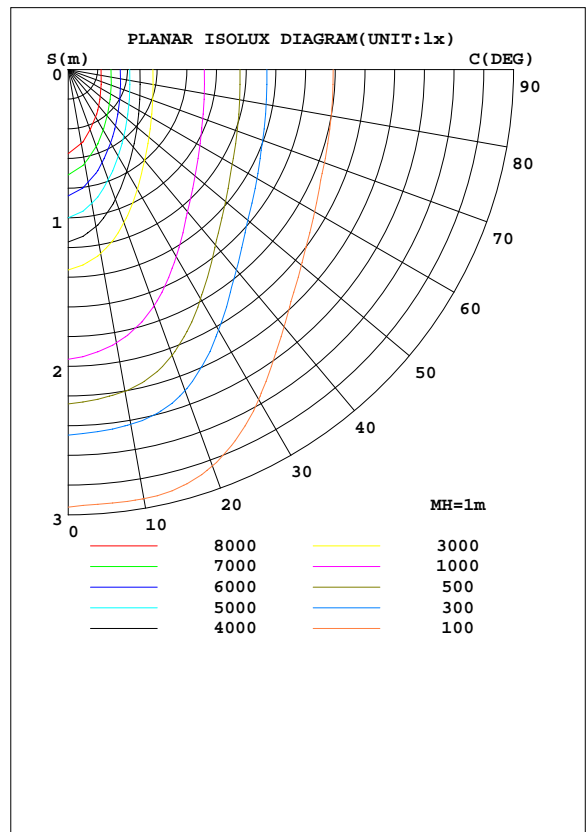
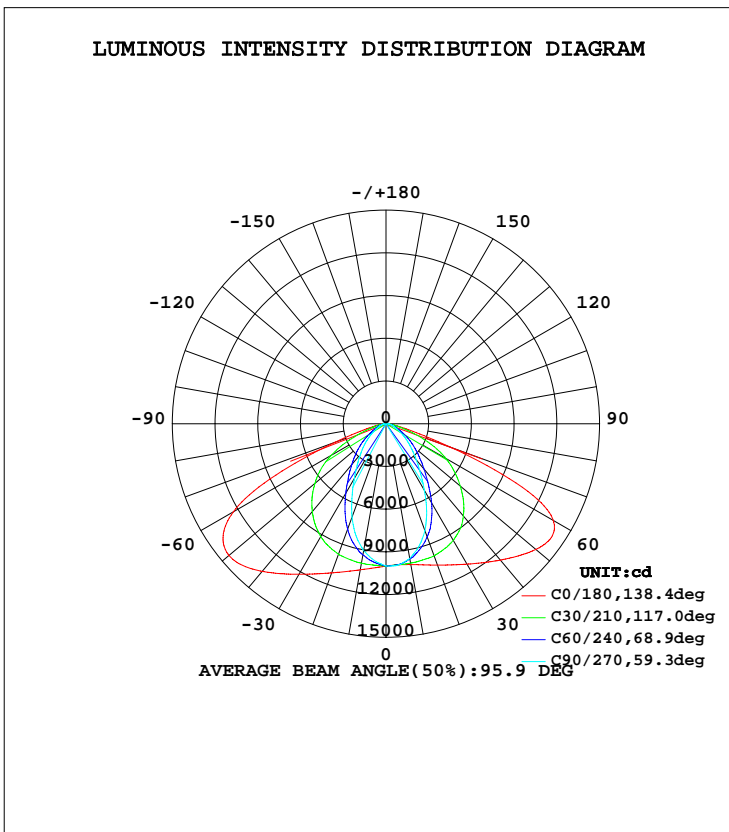


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.51 lm/W			
MODEL	NF2W757GRT-V1 288PCS	Imax(cd)	14478	S/MH(C0/180)	1.88
NOMINAL POWER(W)	180	LOR(%)	100.0	S/MH(C90/270)	0.94
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	26008	η UP, DN(C0-180)	0.0, 46.7
NOMINAL FLUX(lm)	26008.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 53.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.10



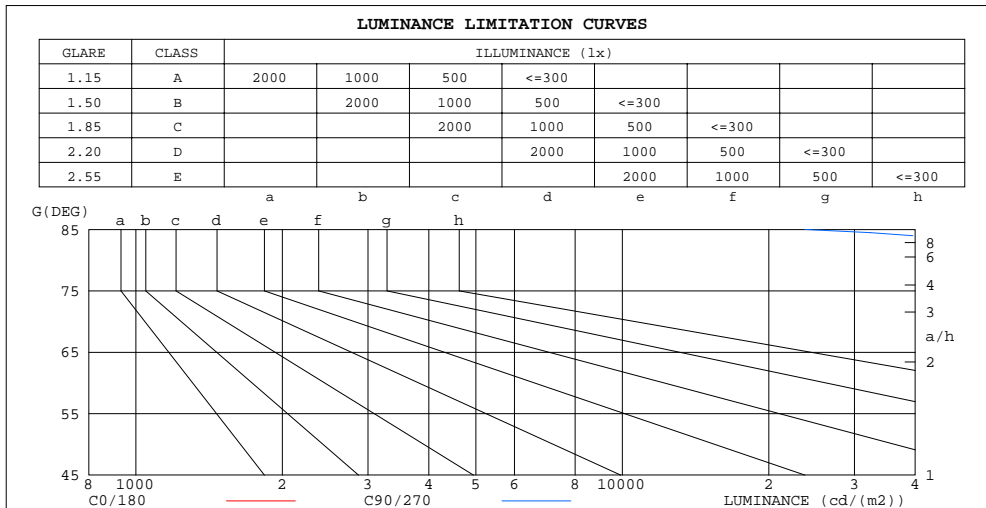
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	1017	985.9	962.6	970.5	994.5	993.8	995.5	1011	0- 5	237.6	237.6	0.91,0.91
10	1042	963.1	904.4	937.1	1004	978.2	961.1	1011	5- 10	702.8	940.4	3.62,3.62
15	1074	929.1	814.5	897.5	1026	953.0	891.9	998.7	10- 15	1140	2080	8,8
20	1114	877.7	698.5	842.4	1057	912.0	801.0	969.2	15- 20	1528	3608	13.9,13.9
25	1163	805.7	565.5	768.2	1094	855.6	676.0	922.3	20- 25	1848	5456	21,21
30	1221	717.3	443.6	678.4	1138	778.8	538.0	855.1	25- 30	2086	7543	29,29
35	1285	620.5	352.7	581.1	1191	682.9	421.9	768.2	30- 35	2251	9794	37.7,37.7
40	1353	524.3	277.9	486.7	1250	575.4	329.9	664.4	35- 40	2361	12155	46.7,46.7
45	1412	439.3	220.0	404.0	1313	474.8	260.8	561.9	40- 45	2427	14582	56.1,56.1
50	1439	357.9	168.5	327.8	1374	385.6	203.3	464.6	45- 50	2446	17028	65.5,65.5
55	1397	281.0	123.4	257.4	1409	306.5	155.3	375.5	50- 55	2393	19420	74.7,74.7
60	1238	200.9	88.33	186.2	1356	230.0	110.2	283.5	55- 60	2228	21648	83.2,83.2
65	853.7	131.5	67.05	122.8	1057	157.7	82.24	193.3	60- 65	1883	23531	90.5,90.5
70	379.1	83.92	48.08	79.08	481.4	100.4	60.40	118.2	65- 70	1287	24817	95.4,95.4
75	140.8	52.08	33.44	49.07	160.5	64.04	44.29	71.59	70- 75	674.2	25492	98,98
80	59.03	28.79	19.17	27.77	62.01	38.09	29.95	40.70	75- 80	329.1	25821	99.3,99.3
85	20.11	10.93	4.136	10.22	20.51	19.39	9.165	20.33	80- 85	159.6	25980	99.9,99.9
90	0.3035	0	0	0	0.4688	0	0	0	85- 90	28.08	26008	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			



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	115362	23730
80	169966	55192
75	272077	64608
70	554238	70293
65	1009979	79328
60	1238257	88328
55	1218205	107593
50	1119470	131070
45	998782	155537

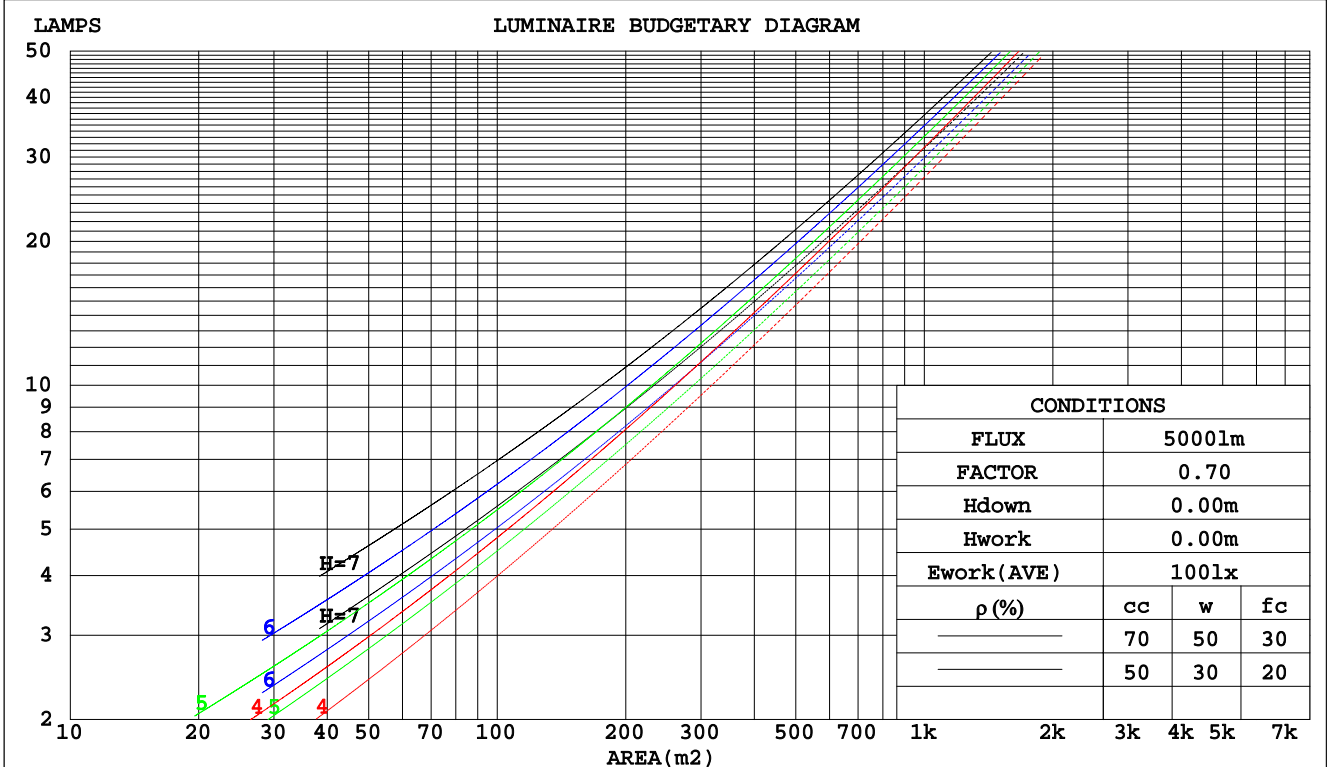
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: CHEN YU
Test Date: 2017-02-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 9.410m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.92	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.66	.74	.69	.64	.72	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

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	.282	.161	.051	.275	.157	.050	.262	.150	.048	.250	.144	.046	.239	.139	.045	
2.0	.273	.150	.046	.267	.147	.045	.256	.142	.044	.245	.137	.043	.235	.133	.042	
3.0	.257	.137	.041	.252	.135	.041	.242	.131	.040	.232	.127	.039	.223	.124	.038	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.218	.117	.035	.210	.114	.035	
5.0	.224	.114	.033	.219	.113	.033	.211	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.208	.105	.030	.205	.103	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029	
7.0	.195	.096	.027	.191	.095	.027	.185	.094	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.169	.082	.023	.163	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.161	.077	.021	.159	.077	.021	.154	.076	.021	.150	.074	.021	.146	.073	.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	.178	.156	.137	.153	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.145	.114	.087	.100	.079	.060	.057	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.026	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm										
NAME: LED LINEAR HIGH BAY LIGHT					TYPE:YHL-AI2-180			WEIGHT:		
SPEC.:MEAN WELL					DIM.: 5000K			SERIAL No.:20170309		
MFR.:					SUR.:70Ra			PROTECTION 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	38.6	40.1	38.9	40.3	40.5	26.8	28.3	27.0	28.5	28.7
3H	39.8	41.2	40.1	41.4	41.6	27.2	28.6	27.5	28.8	29.0
4H	39.9	41.2	40.2	41.4	41.7	27.4	28.7	27.7	28.9	29.2
6H	39.8	41.1	40.2	41.3	41.6	27.5	28.7	27.8	29.0	29.3
8H	39.8	41.0	40.1	41.3	41.5	27.5	28.7	27.9	29.0	29.3
12H	39.8	40.9	40.1	41.2	41.5	27.5	28.6	27.9	28.9	29.2
4H 2H	38.3	39.6	38.7	39.9	40.1	28.7	30.0	29.0	30.3	30.5
3H	39.6	40.8	40.0	41.1	41.4	29.1	30.2	29.4	30.5	30.8
4H	39.8	40.8	40.1	41.1	41.4	29.3	30.3	29.6	30.6	30.9
6H	39.8	40.7	40.2	41.0	41.4	29.4	30.3	29.8	30.7	31.0
8H	39.8	40.6	40.2	41.0	41.4	29.4	30.3	29.8	30.6	31.0
12H	39.8	40.5	40.2	40.9	41.3	29.4	30.2	29.9	30.6	31.0
8H 4H	39.7	40.5	40.1	40.9	41.2	29.8	30.6	30.2	31.0	31.4
6H	39.7	40.4	40.2	40.8	41.2	30.0	30.7	30.4	31.1	31.5
8H	39.7	40.3	40.2	40.8	41.2	30.1	30.7	30.5	31.1	31.5
12H	39.7	40.3	40.2	40.7	41.2	30.1	30.6	30.6	31.0	31.5
12H 4H	39.6	40.4	40.0	40.8	41.2	29.8	30.6	30.3	31.0	31.4
6H	39.7	40.3	40.1	40.7	41.2	30.1	30.7	30.5	31.1	31.6
8H	39.7	40.2	40.2	40.7	41.1	30.2	30.7	30.6	31.1	31.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 1.0 / - 1.3				
1.5H	+ 1.4 / - 1.3					+ 0.8 / - 1.0				
2.0H	+ 2.7 / - 4.1					+ 1.3 / - 1.7				

CIE Pub.117 Corrected 26008 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION 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	58	47	40	58	47	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	50	43
1.00	78	67	60	76	66	59	74	68	59	52
1.25	85	75	68	83	74	67	81	73	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	97	89	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	107	102	98	105	100	97	101	97	94	85
5.00	110	105	102	107	103	100	103	100	97	88
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:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

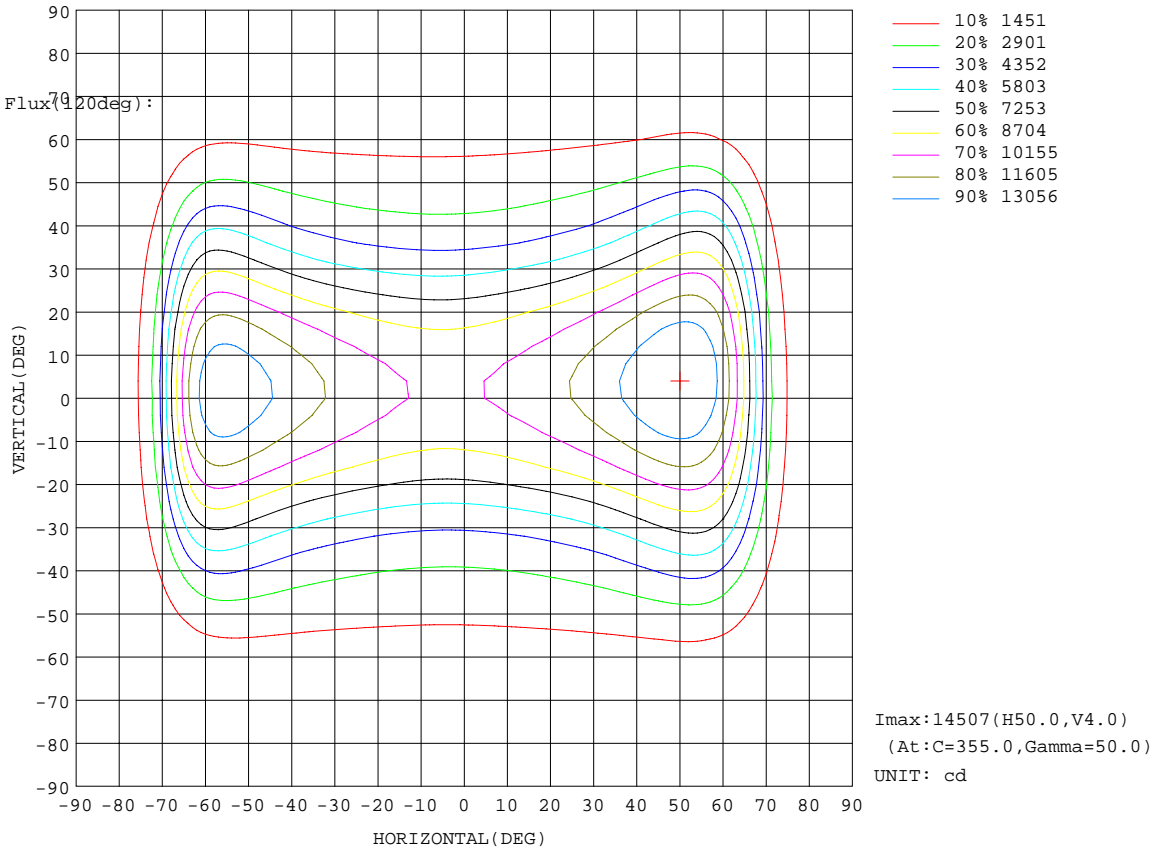
Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

14582 lm
%lum = 56.1%
%lamp = 56.1%

Conical surface Flux(70deg):

21648 lm
%lum = 83.2%
%lamp = 83.2%



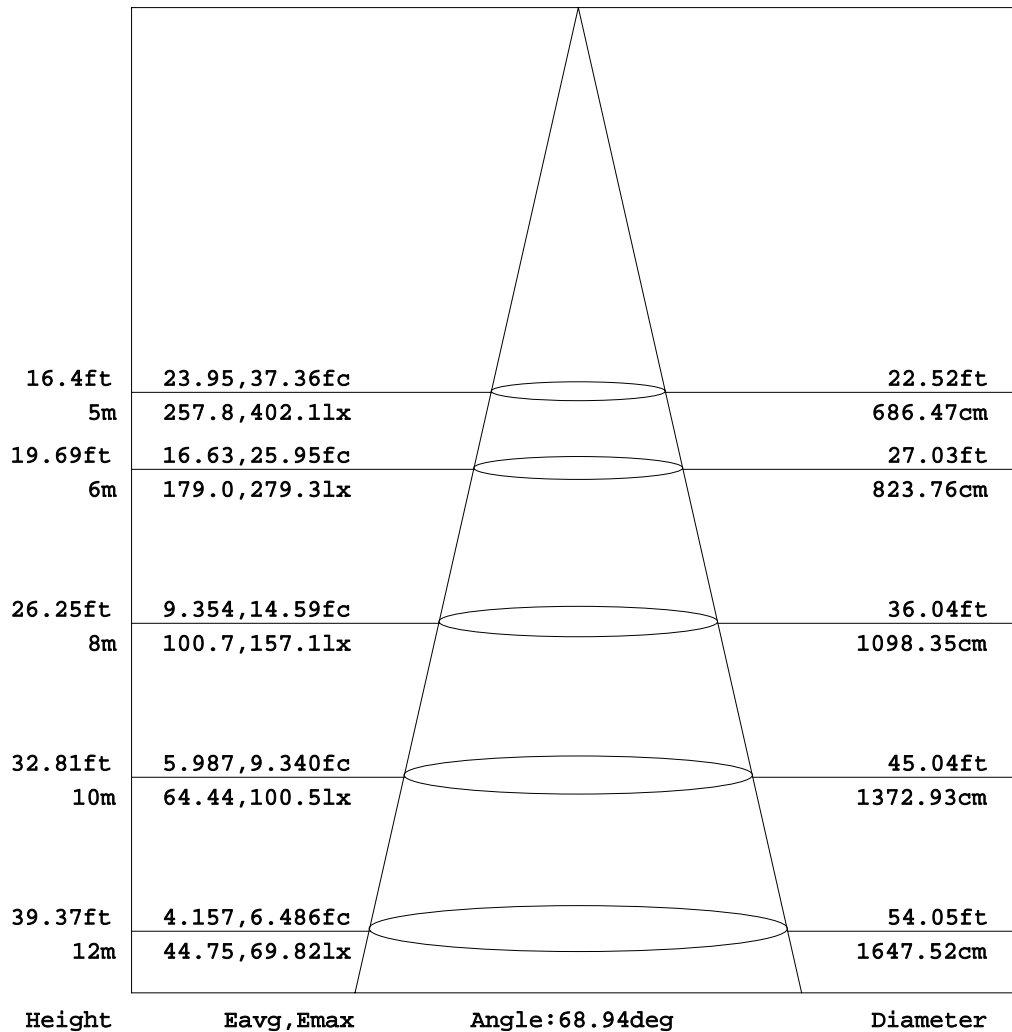
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: CHEN YU
Test Date: 2017-02-08

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 9.410m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:9563 lm



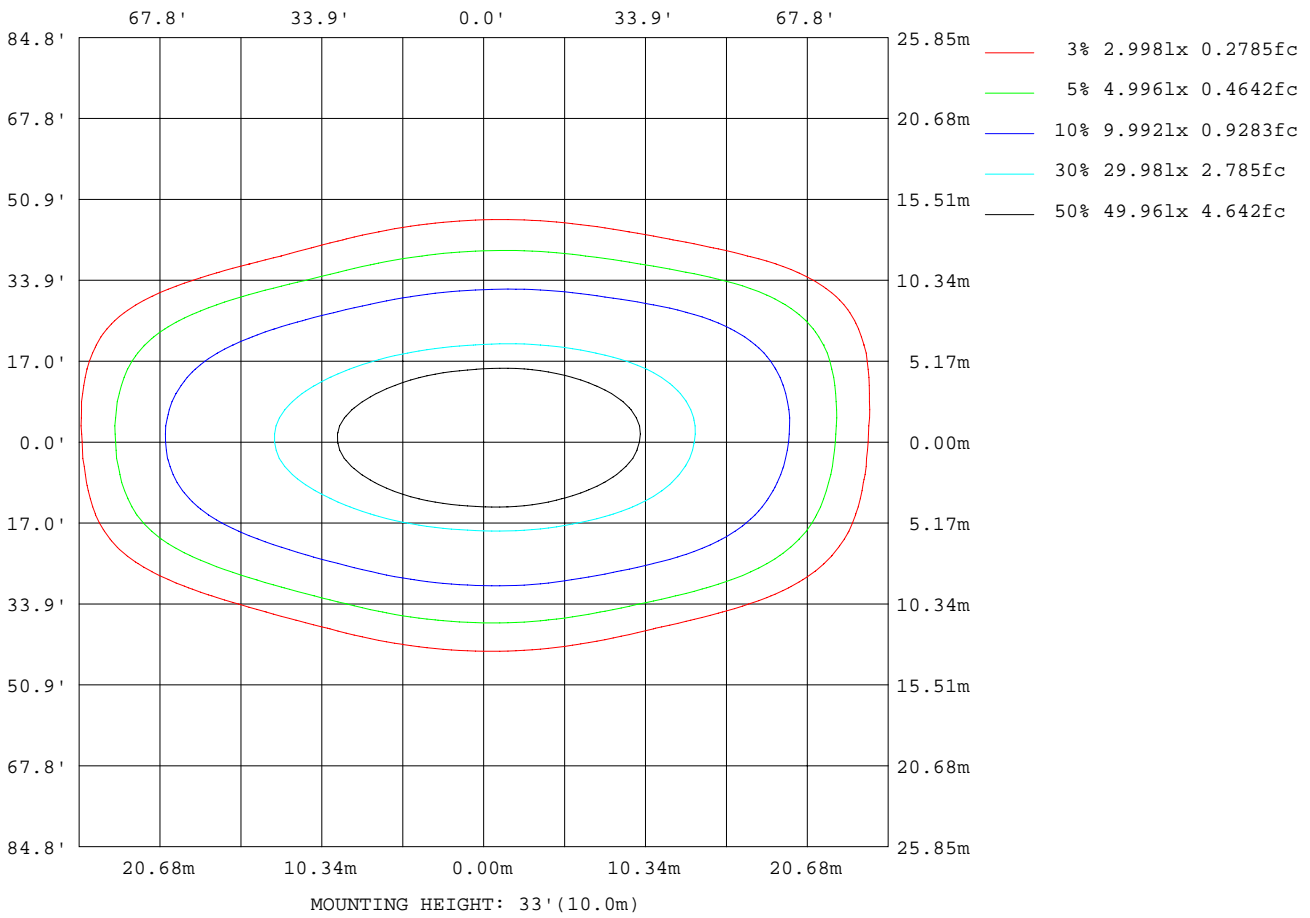
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

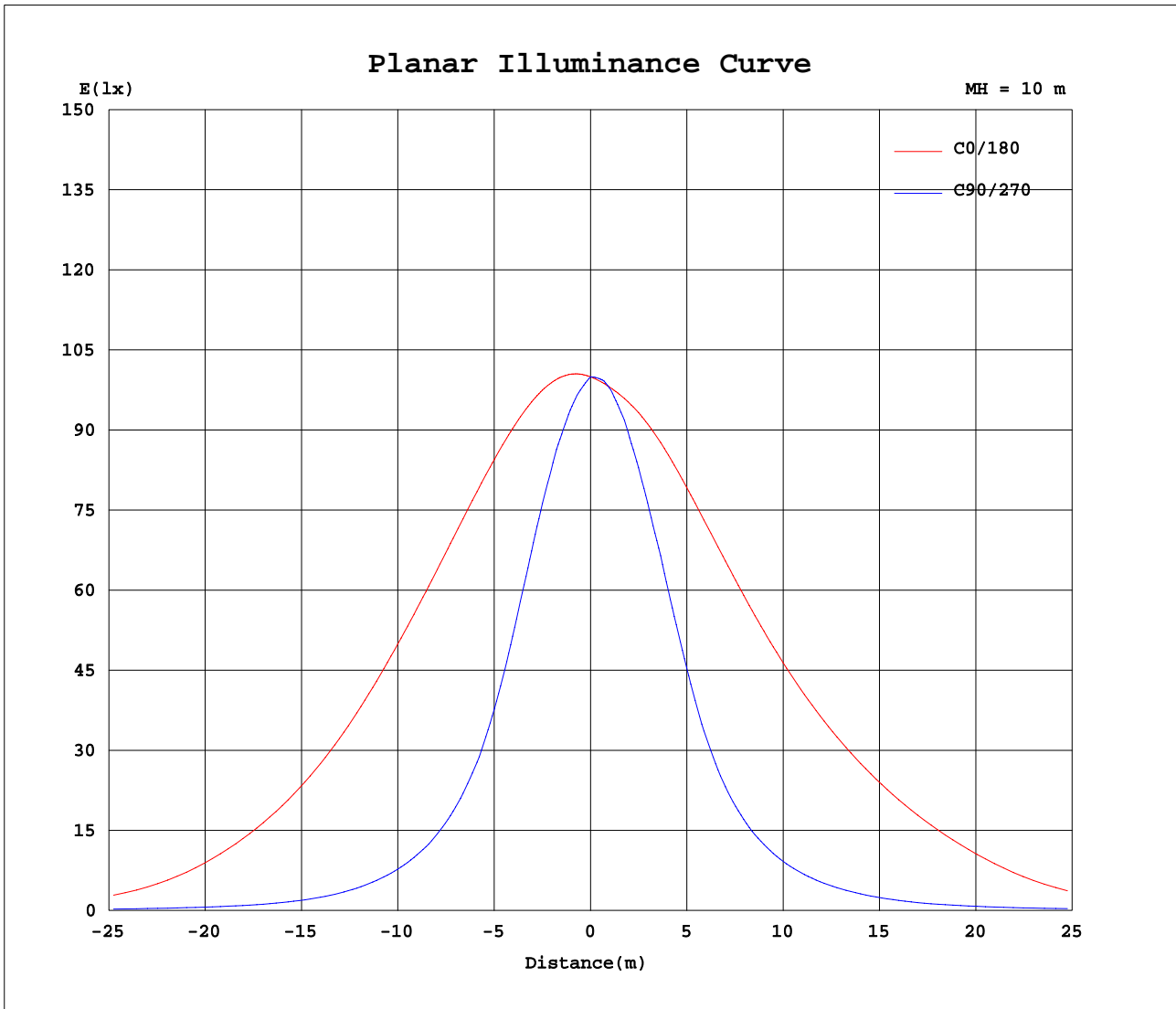
Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--1

UNIT: x10cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5	1017	1014	1010	1007	1003	1000	996	993	989	986	983	979	976	973	970	968	965	964	963
10	1042	1035	1028	1020	1013	1004	994	985	974	963	953	944	935	927	921	915	910	907	904
15	1074	1063	1052	1040	1023	1006	987	968	950	929	909	890	873	859	845	834	825	818	814
20	1114	1099	1082	1060	1033	1004	975	941	909	878	846	816	788	763	742	725	712	703	699
25	1163	1142	1116	1081	1042	998	950	903	854	806	762	719	681	648	620	598	582	571	565
30	1221	1192	1156	1105	1047	983	916	847	781	717	659	609	566	530	501	477	460	449	444
35	1285	1249	1195	1128	1045	957	866	777	694	621	557	501	461	428	401	381	367	357	353
40	1353	1307	1234	1141	1035	919	805	699	604	524	463	413	374	344	321	303	290	282	278
45	1412	1354	1264	1144	1007	867	734	613	517	439	380	334	300	275	255	240	230	223	220
50	1439	1369	1258	1116	957	799	652	530	433	358	306	266	236	214	197	185	176	171	168
55	1397	1317	1196	1043	873	706	559	438	347	281	234	199	175	158	144	135	129	125	123
60	1238	1158	1042	901	742	584	445	335	256	201	165	139	122	110	101	95.4	91.5	89.2	88.3
65	854	807	748	662	545	421	310	224	167	132	108	91.9	83.8	77.8	73.5	70.5	68.6	67.5	67.1
70	379	374	369	348	302	236	176	132	100	83.9	72.6	65.2	60.4	56.3	52.4	49.5	48.3	48.0	48.1
75	141	142	145	143	132	113	91.0	73.4	60.1	52.1	48.2	45.3	42.4	38.9	35.7	33.9	33.2	33.2	33.4
80	59.0	59.8	62.7	64.0	61.2	54.4	44.4	36.9	31.7	28.8	27.6	27.0	25.4	23.0	21.0	19.8	19.2	19.1	19.2
85	20.1	20.8	25.7	25.3	22.0	19.4	16.5	14.1	12.3	10.9	9.93	9.37	8.24	6.97	5.89	5.08	4.53	4.21	4.14
90	0.30	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 γ Range: 0 - 90DEG
 C Interval: 5.0DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Temperature:25DEG Humidity:65.0%
 Operators:CHEN YU Test Distance:9.410m [K=1.0000]
 Test Date:2017-02-08 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5	962	962	962	962	963	965	967	969	971	973	975	977	980	983	986	989	992	995	994
10	903	904	905	908	911	916	922	929	937	946	955	963	971	978	985	991	998	1004	1003
15	814	816	821	829	838	850	864	879	897	916	932	948	965	981	995	1006	1016	1026	1025
20	698	702	711	723	740	761	786	814	842	871	901	933	959	984	1008	1027	1042	1057	1055
25	566	572	583	600	624	653	688	727	768	814	860	904	948	988	1022	1053	1075	1094	1091
30	444	451	464	483	508	539	578	624	678	739	801	865	927	986	1038	1082	1114	1138	1135
35	353	359	369	386	408	437	473	523	581	649	727	811	895	976	1053	1113	1160	1191	1186
40	279	284	294	309	329	354	388	433	487	558	643	741	848	957	1058	1145	1211	1250	1242
45	221	225	233	246	263	285	314	354	404	471	554	662	786	922	1056	1179	1263	1313	1299
50	169	173	180	191	205	224	250	284	328	390	472	579	715	874	1042	1197	1313	1374	1354
55	124	127	132	140	152	168	189	218	257	313	389	493	632	807	1005	1194	1337	1409	1380
60	88.7	90.4	93.6	98.9	106	117	132	155	186	233	300	397	531	708	917	1124	1280	1356	1323
65	67.3	68.0	69.5	71.9	75.6	80.8	87.9	102	123	154	205	283	398	552	731	890	1001	1057	1044
70	48.1	48.2	49.2	51.7	55.1	58.5	62.6	69.1	79.1	93.8	123	166	233	326	414	462	475	481	509
75	33.4	33.4	33.9	35.5	38.3	41.2	43.5	45.8	49.1	56.7	69.2	86.5	111	137	156	162	161	161	174
80	19.3	19.4	19.9	21.0	22.8	24.8	26.0	26.5	27.8	30.7	35.9	43.5	53.3	61.2	65.6	64.9	62.3	62.0	67.5
85	4.25	4.57	5.09	5.85	6.82	7.88	8.82	9.39	10.2	11.4	13.0	14.9	17.7	20.5	23.7	24.7	20.7	20.5	24.6
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	0.47	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--3

UNIT: x10cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5	994	994	994	994	994	994	994	994	994	994	993	993	993	993	994	995	995	997	998
10	1003	1002	1000	998	994	990	984	978	973	968	965	962	960	959	958	959	961	964	968
15	1023	1021	1013	1003	991	979	968	953	938	926	915	906	899	893	890	890	892	897	904
20	1052	1042	1026	1008	987	961	936	912	888	866	845	829	815	806	801	799	801	807	817
25	1084	1065	1040	1007	970	932	893	856	822	786	754	727	705	689	679	674	676	684	697
30	1121	1090	1049	999	945	889	836	779	728	681	640	605	577	557	543	537	538	546	561
35	1161	1118	1052	981	906	828	753	683	619	563	520	485	458	438	426	421	422	429	443
40	1203	1134	1047	949	846	748	656	575	510	456	415	385	362	346	335	329	330	336	348
45	1246	1146	1027	897	770	652	555	475	415	367	333	307	287	273	264	260	261	266	275
50	1273	1143	988	829	681	557	461	386	333	293	263	242	226	214	207	203	203	207	215
55	1277	1116	926	743	587	464	373	306	260	227	203	186	173	164	158	155	155	158	164
60	1207	1029	826	637	485	368	287	230	193	166	148	134	124	117	113	110	110	112	116
65	969	836	666	498	362	264	199	158	130	111	101	93.5	88.2	84.9	83.1	82.3	82.2	83.0	84.7
70	523	502	424	314	225	164	122	100	85.8	76.5	71.2	67.5	64.7	62.6	61.2	60.5	60.4	60.9	62.2
75	190	199	183	152	117	90.7	74.4	64.0	57.8	54.2	51.4	48.5	45.8	44.4	44.1	44.3	44.3	44.0	44.2
80	75.2	79.5	77.3	69.0	57.6	48.2	41.5	38.1	37.3	36.5	34.9	32.6	30.8	29.8	29.7	30.0	29.9	29.6	29.5
85	31.0	33.2	31.1	28.7	25.6	22.7	20.5	19.4	19.0	19.0	16.9	14.2	12.1	10.6	9.79	9.35	9.17	9.24	9.72
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:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.8454A P:181.2W PF:0.9702 Lamp Flux:26008.4x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-180	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170309
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--4

UNIT: x10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000				
5	1000	1002	1004	1006	1008	1010	1011	1012	1013	1014	1015	1016	1016	1017	1017				
10	972	977	983	989	996	1003	1011	1019	1026	1031	1037	1039	1041	1041	1042				
15	913	924	937	950	965	981	999	1016	1029	1042	1055	1065	1072	1074	1074				
20	830	846	866	889	915	942	969	996	1023	1051	1072	1091	1106	1114	1115				
25	717	741	770	803	842	883	922	965	1008	1048	1086	1119	1143	1160	1164				
30	584	614	650	694	743	798	855	918	977	1039	1095	1146	1186	1214	1223				
35	463	491	528	573	626	693	768	848	931	1016	1097	1170	1232	1271	1289				
40	367	391	423	463	516	584	664	760	867	976	1086	1187	1270	1329	1358				
45	290	311	338	373	420	483	562	663	783	918	1056	1188	1301	1383	1418				
50	227	244	267	296	337	393	465	566	691	840	1003	1163	1301	1401	1448				
55	173	186	204	229	262	310	376	468	589	743	918	1096	1252	1360	1408				
60	123	133	147	166	192	230	283	364	476	623	793	967	1115	1214	1255				
65	87.6	92.6	100	111	126	153	193	253	343	468	614	750	847	887	881				
70	64.3	67.1	70.9	76.2	83.6	96.8	118	150	208	283	372	439	451	427	395				
75	45.3	47.7	51.0	54.2	57.9	62.9	71.6	85.9	107	137	166	182	176	160	146				
80	30.2	31.9	34.4	36.7	38.1	39.1	40.7	45.8	54.5	64.0	72.8	76.6	73.6	67.0	61.0				
85	10.8	12.5	14.9	17.7	19.6	19.8	20.3	21.8	24.3	27.0	29.8	31.5	31.8	28.4	21.9				
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:25DEG
 Operators:CHEN YU
 Test Date:2017-02-08

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks: