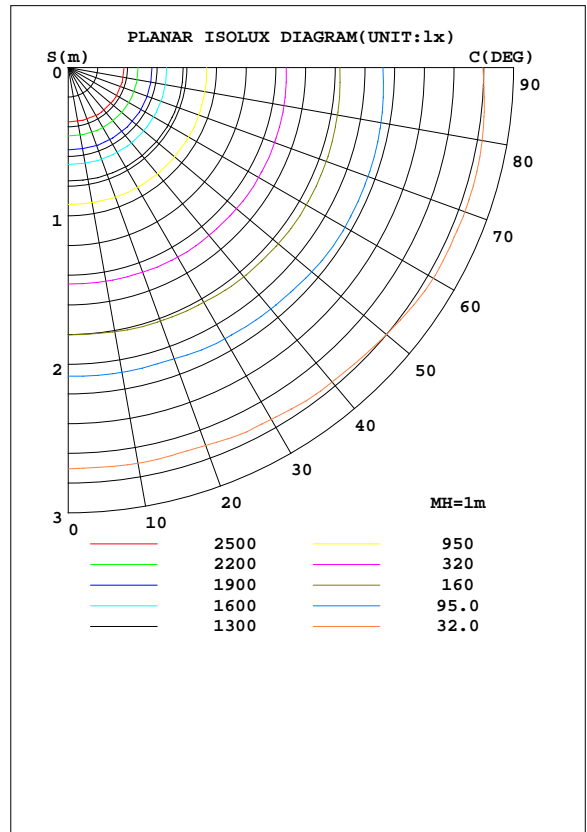
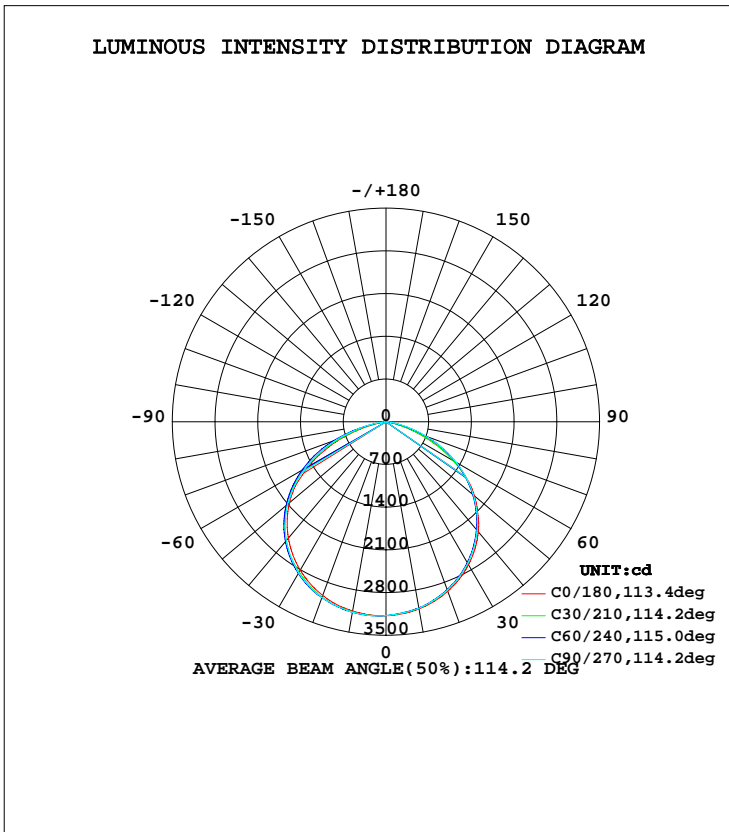


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.99 lm/W			
MODEL NF2W757GRT-V1 135PCS		Imax(cd)	3187	S/MH(C0/180)	1.27
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8905.5	η UP, DN(C0-180)	0.0, 51.7
NOMINAL FLUX(lm)	8905.48	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 48.3
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



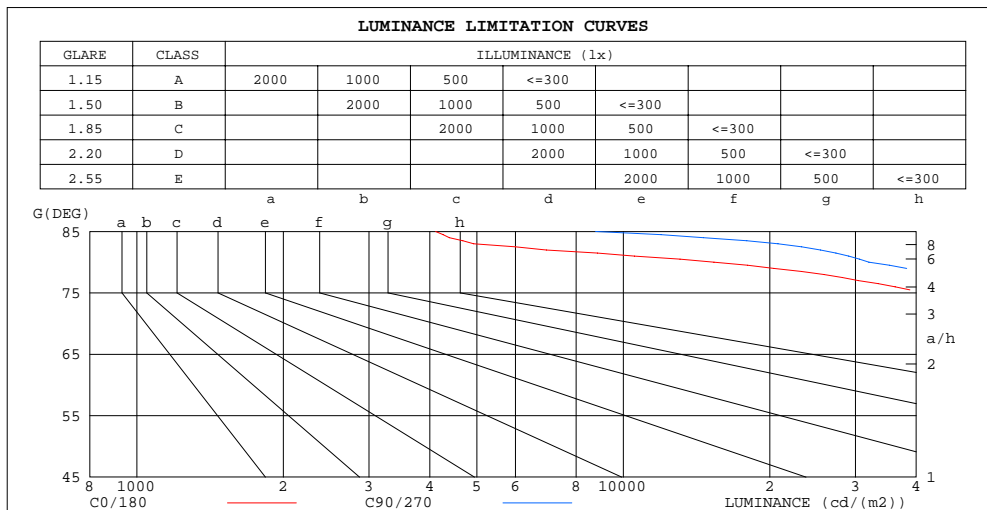
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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	3176	3184	3185	3173	3157	3145	3145	3155	0- 5	75.80	75.80	0.85,0.85
10	3148	3167	3169	3145	3115	3100	3104	3116	5- 10	225.2	301.0	3.38,3.38
15	3104	3128	3125	3094	3049	3027	3028	3059	10- 15	368.3	669.3	7.52,7.52
20	3031	3062	3067	3024	2958	2930	2937	2972	15- 20	500.5	1170	13.1,13.1
25	2932	2976	2975	2921	2844	2810	2817	2862	20- 25	617.6	1787	20.1,20.1
30	2809	2864	2861	2793	2705	2667	2677	2727	25- 30	715.6	2503	28.1,28.1
35	2662	2725	2714	2642	2542	2500	2510	2569	30- 35	791.0	3294	37,37
40	2489	2560	2545	2462	2355	2308	2324	2388	35- 40	840.3	4134	46.4,46.4
45	2290	2360	2337	2255	2128	2092	2107	2179	40- 45	860.9	4995	56.1,56.1
50	2065	2136	2104	2021	1893	1848	1871	1950	45- 50	850.1	5845	65.6,65.6
55	1804	1867	1831	1755	1612	1581	1606	1692	50- 55	805.9	6651	74.7,74.7
60	1460	1572	1531	1453	1303	1282	1325	1410	55- 60	725.0	7376	82.8,82.8
65	1107	1225	1204	1109	941.9	956.5	1019	1098	60- 65	608.1	7984	89.7,89.7
70	744.2	839.2	856.8	738.2	570.5	625.5	706.9	753.6	65- 70	459.3	8444	94.8,94.8
75	373.7	450.9	504.7	371.9	261.1	311.3	406.6	409.3	70- 75	291.2	8735	98.1,98.1
80	93.36	133.7	194.3	104.0	50.29	104.4	159.9	159.8	75- 80	134.1	8869	99.6,99.6
85	12.54	9.712	26.75	10.39	13.16	20.93	29.91	37.38	80- 85	33.95	8903	100,100
90	0.6031	0	0	0	1.051	0	0	0	85- 90	2.553	8905	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		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4112	8768
80	15362	31965
75	41257	55711
70	62170	71578
65	74865	81367
60	83454	87498
55	89867	91189
50	91789	93506
45	92530	94446

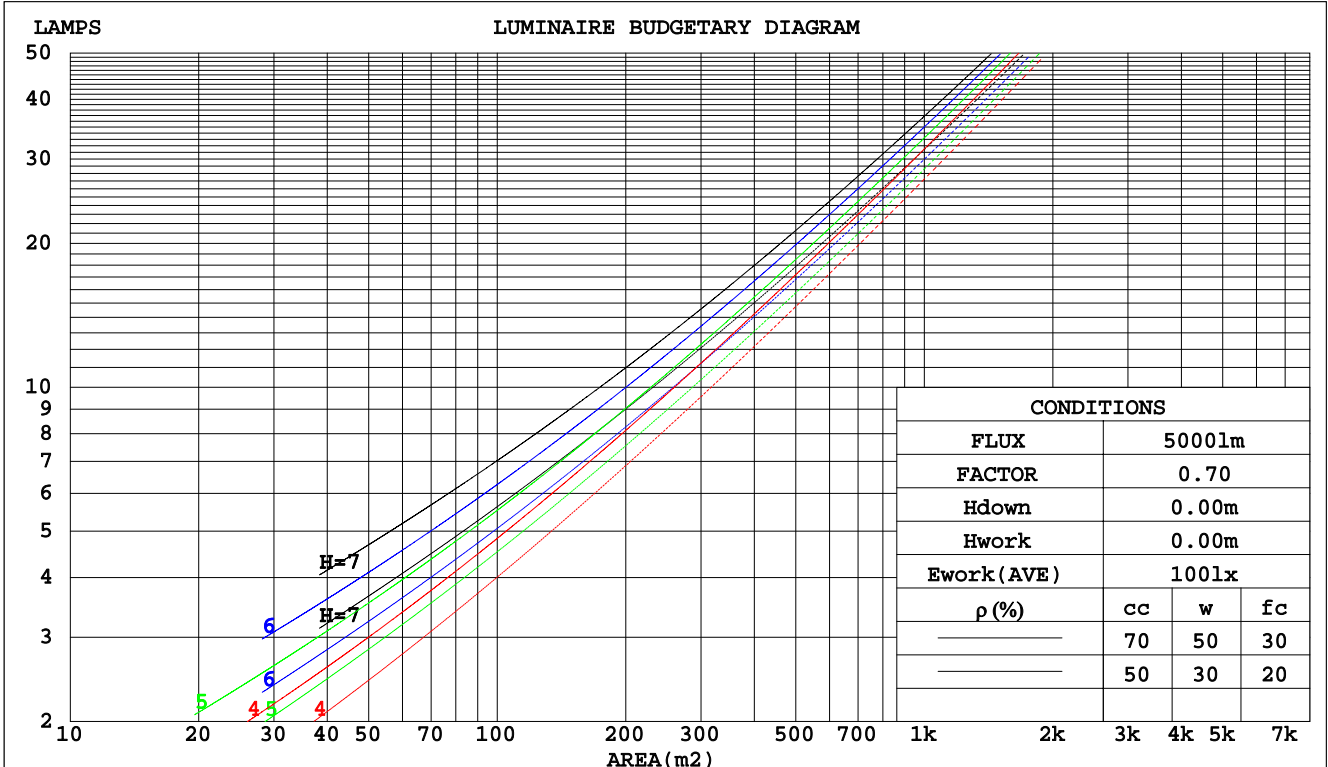
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
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	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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.84	.79	.76	.81	.77	.74	.72
3.0	.81	.73	.67	.80	.72	.66	.77	.70	.65	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.64	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.48	.42	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.37	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.33	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
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	.284	.161	.051	.277	.158	.050	.263	.151	.048	.251	.145	.047	.240	.139	.045	
2.0	.275	.151	.046	.269	.148	.046	.257	.143	.044	.247	.138	.043	.237	.134	.042	
3.0	.259	.138	.041	.253	.136	.041	.243	.132	.040	.234	.128	.039	.225	.125	.039	
4.0	.241	.125	.037	.237	.124	.037	.228	.121	.036	.219	.118	.035	.211	.115	.035	
5.0	.225	.115	.033	.221	.113	.033	.212	.111	.033	.205	.108	.032	.198	.106	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.196	.097	.027	.192	.096	.027	.186	.094	.027	.180	.092	.027	.174	.091	.027	
8.0	.183	.090	.025	.180	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.169	.083	.023	.164	.081	.023	.159	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.146	.074	.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	.136	.153	.134	.117	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.091	.061	.036	.053	.036	.022	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.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	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.070	.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:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm										
NAME: LED HIGH BAY LIGHT					TYPE:YHL-ID-60-HB-VE			WEIGHT:		
SPEC.:MEAN WELL					DIM.: 5000K			SERIAL No.:20170217		
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	28.8	30.3	29.1	30.5	30.7	29.1	30.6	29.3	30.8	31.0
3H	29.9	31.3	30.2	31.5	31.8	30.4	31.8	30.7	32.0	32.3
4H	30.2	31.5	30.5	31.7	32.0	30.8	32.1	31.1	32.4	32.6
6H	30.1	31.4	30.5	31.6	31.9	31.0	32.2	31.3	32.5	32.7
8H	30.1	31.3	30.4	31.6	31.8	31.0	32.1	31.3	32.4	32.7
12H	30.0	31.2	30.4	31.5	31.8	30.9	32.1	31.3	32.3	32.7
4H 2H	29.5	30.8	29.8	31.0	31.3	29.6	30.9	30.0	31.2	31.5
3H	30.7	31.8	31.0	32.1	32.4	31.2	32.3	31.5	32.6	32.9
4H	31.0	32.0	31.3	32.3	32.6	31.7	32.7	32.0	33.0	33.3
6H	31.0	31.9	31.4	32.2	32.6	31.9	32.8	32.3	33.1	33.5
8H	30.9	31.8	31.4	32.1	32.5	31.9	32.7	32.3	33.1	33.5
12H	30.9	31.7	31.3	32.1	32.5	31.8	32.6	32.3	33.0	33.4
8H 4H	31.1	31.9	31.5	32.3	32.7	31.7	32.6	32.1	32.9	33.3
6H	31.1	31.8	31.6	32.2	32.7	32.0	32.7	32.4	33.1	33.5
8H	31.1	31.7	31.6	32.1	32.6	32.0	32.6	32.5	33.0	33.5
12H	31.1	31.6	31.5	32.0	32.5	32.0	32.5	32.5	33.0	33.4
12H 4H	31.0	31.8	31.5	32.2	32.6	31.7	32.5	32.1	32.8	33.2
6H	31.1	31.7	31.6	32.1	32.6	31.9	32.6	32.4	33.0	33.4
8H	31.1	31.6	31.6	32.1	32.5	32.0	32.5	32.5	32.9	33.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.4 / - 0.5					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 8905 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
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	57	47	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	67	59	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	66	59
1.50	90	80	73	88	79	73	85	78	72	65
2.00	96	88	82	95	87	82	91	85	80	72
2.50	100	93	87	98	92	86	95	89	85	77
3.00	104	97	92	101	96	91	97	93	89	81
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	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:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

4995.3 lm

%lum = 56.1%

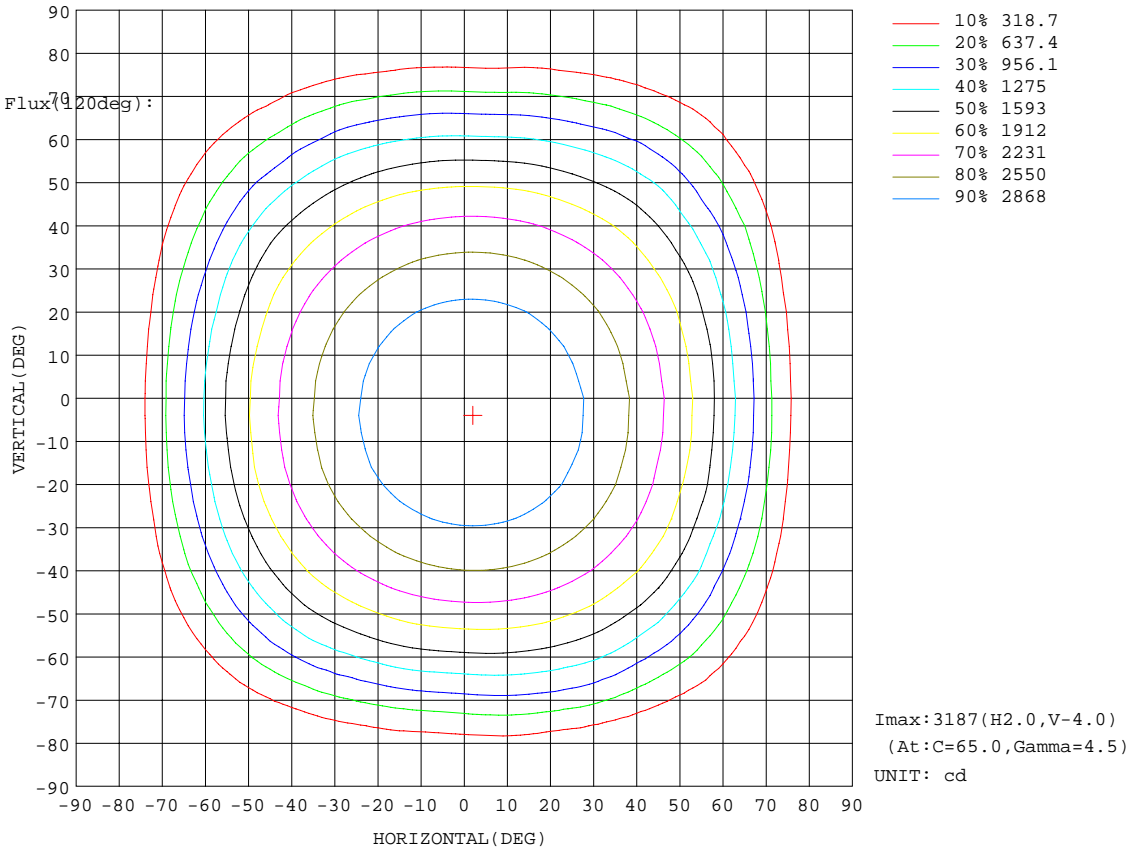
%lamp = 56.1%

Conical surface Flux(70deg):

7376.3 lm

%lum = 82.8%

%lamp = 82.8%



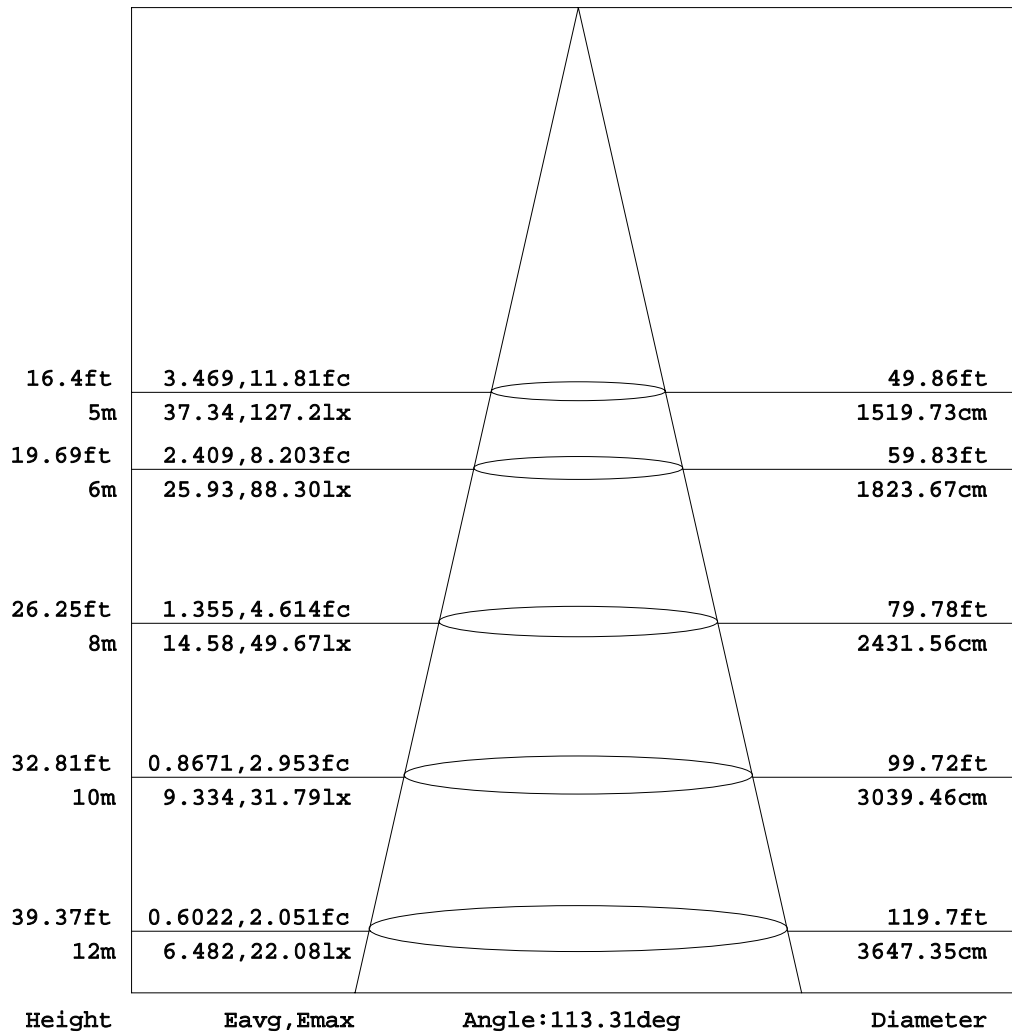
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:6953 lm



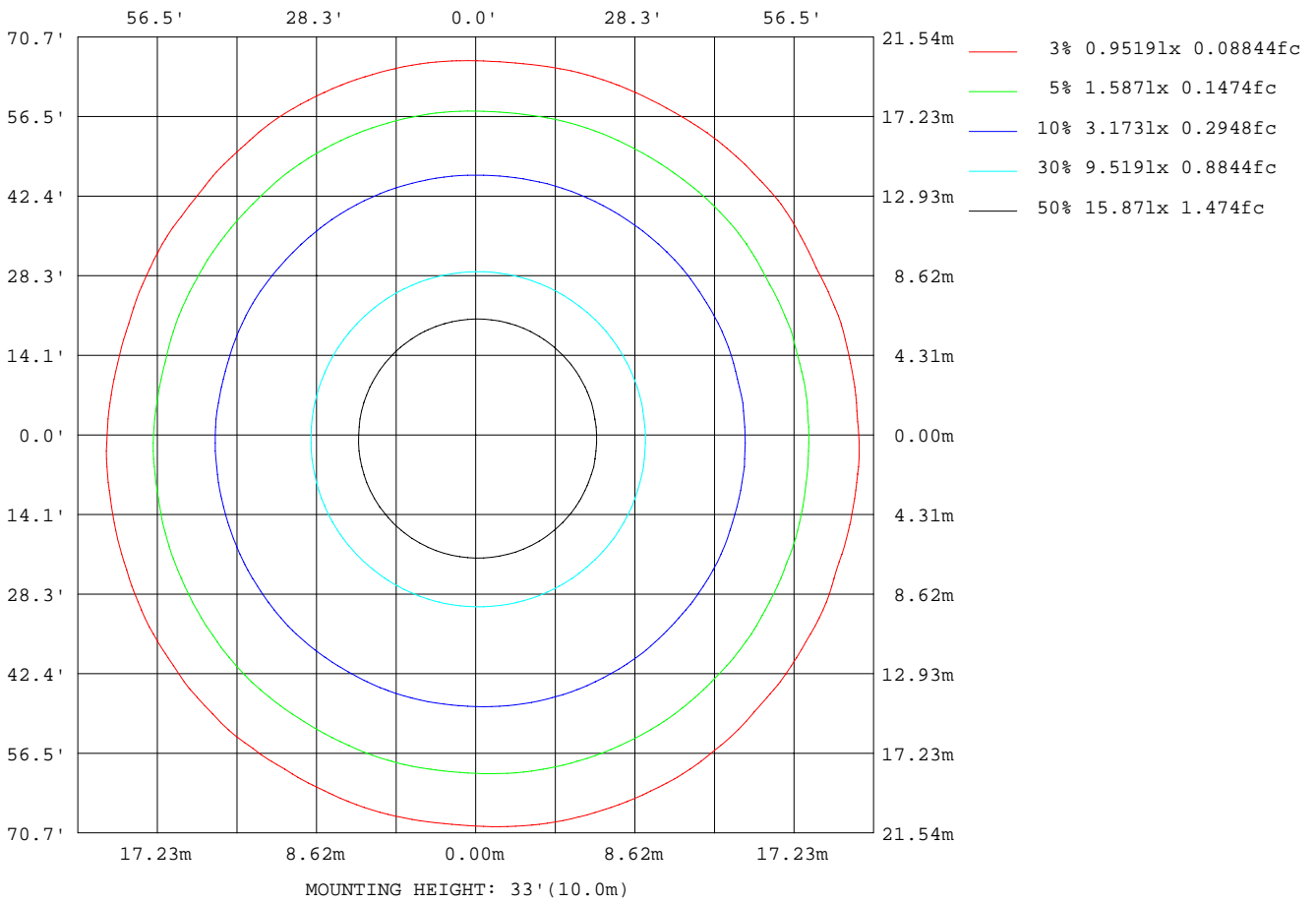
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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

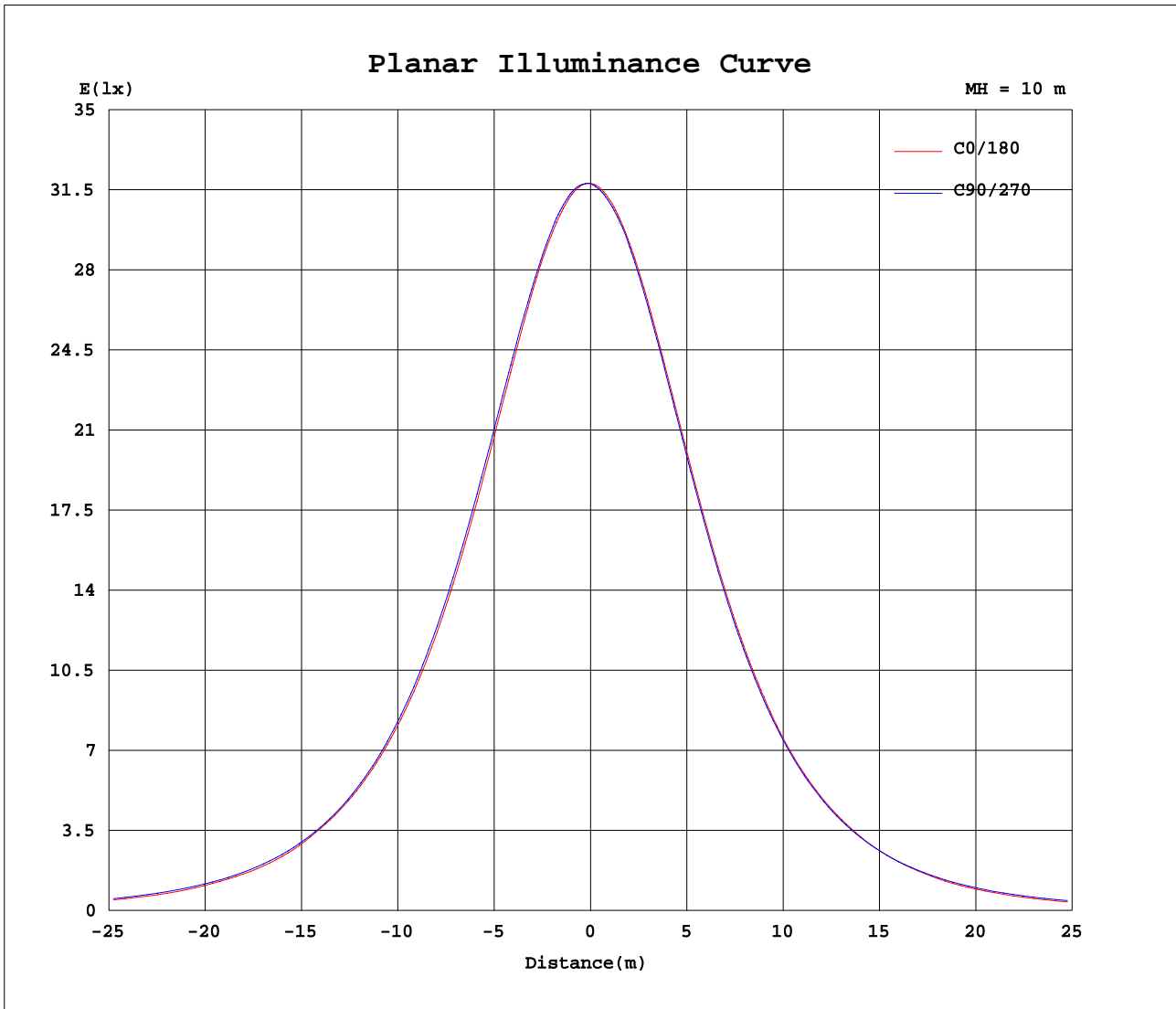
Test:U:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

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	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177
5	3176	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3186	3186	3186	3186	3186	3185	3185
10	3148	3149	3151	3154	3157	3160	3162	3164	3166	3167	3168	3169	3170	3170	3170	3170	3170	3170	3169
15	3104	3104	3106	3109	3112	3116	3121	3125	3129	3128	3128	3128	3129	3130	3129	3129	3128	3127	3125
20	3031	3031	3033	3038	3045	3053	3060	3059	3060	3062	3064	3067	3068	3070	3071	3071	3070	3070	3067
25	2932	2932	2937	2944	2955	2960	2961	2965	2970	2976	2982	2984	2984	2985	2985	2983	2981	2978	2975
30	2809	2810	2816	2829	2838	2840	2846	2854	2863	2864	2868	2870	2871	2871	2871	2870	2868	2865	2861
35	2662	2662	2672	2689	2690	2698	2712	2717	2722	2725	2728	2732	2731	2731	2729	2727	2723	2719	2714
40	2489	2489	2503	2512	2520	2537	2542	2549	2555	2560	2559	2562	2563	2562	2561	2559	2555	2551	2545
45	2290	2288	2311	2309	2329	2339	2348	2356	2356	2360	2363	2368	2367	2365	2363	2358	2352	2345	2337
50	2065	2063	2077	2080	2094	2108	2124	2126	2128	2136	2136	2138	2138	2136	2133	2128	2121	2113	2104
55	1804	1801	1810	1823	1828	1851	1858	1867	1864	1867	1876	1882	1880	1877	1873	1866	1856	1844	1831
60	1460	1466	1475	1503	1510	1524	1534	1556	1566	1572	1580	1591	1590	1586	1582	1573	1564	1548	1531
65	1107	1119	1122	1124	1128	1166	1182	1195	1214	1225	1253	1272	1274	1269	1265	1258	1247	1226	1204
70	744	741	747	744	746	777	782	811	823	839	864	894	919	916	919	916	904	882	857
75	374	370	378	385	390	401	412	424	430	451	483	504	526	528	532	546	545	529	505
80	93.4	93.9	97.3	99.7	98.8	102	108	116	119	134	143	158	174	185	191	213	222	205	194
85	12.5	11.2	10.6	10.2	9.69	9.53	7.99	8.18	8.87	9.71	14.3	18.6	22.6	25.6	27.0	30.0	30.6	28.1	26.7
90	0.60	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:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

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	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177
5	3184	3183	3182	3181	3180	3178	3177	3175	3173	3171	3169	3167	3165	3163	3161	3159	3158	3157	3155
10	3167	3165	3162	3160	3157	3154	3151	3148	3145	3142	3139	3136	3134	3129	3125	3121	3117	3115	3111
15	3124	3124	3123	3120	3116	3111	3105	3100	3094	3089	3084	3080	3077	3073	3068	3060	3053	3049	3044
20	3064	3060	3055	3051	3045	3041	3036	3031	3024	3014	3006	2998	2991	2986	2982	2975	2965	2958	2953
25	2971	2966	2961	2955	2948	2942	2935	2929	2921	2914	2906	2895	2883	2874	2869	2864	2853	2844	2838
30	2856	2850	2842	2834	2826	2819	2811	2804	2793	2786	2775	2768	2756	2742	2733	2729	2717	2705	2699
35	2708	2702	2695	2686	2677	2670	2663	2650	2642	2632	2621	2611	2601	2587	2571	2565	2557	2542	2537
40	2538	2530	2520	2511	2501	2492	2481	2471	2462	2451	2441	2429	2417	2407	2389	2376	2372	2355	2351
45	2330	2324	2316	2306	2295	2285	2276	2264	2255	2243	2233	2221	2207	2193	2182	2163	2150	2128	2127
50	2096	2088	2079	2068	2057	2048	2038	2028	2021	2007	1996	1982	1970	1955	1943	1919	1912	1893	1887
55	1822	1816	1811	1800	1787	1777	1769	1762	1755	1735	1714	1703	1680	1665	1647	1636	1626	1612	1605
60	1520	1517	1511	1499	1483	1474	1468	1461	1453	1432	1414	1394	1374	1356	1342	1320	1310	1303	1279
65	1190	1188	1183	1166	1146	1131	1132	1130	1109	1098	1069	1055	1027	1004	990	970	965	942	925
70	838	829	816	802	791	779	770	749	738	726	701	681	651	631	622	611	595	570	565
75	483	475	475	461	446	433	415	391	372	361	343	321	301	290	288	279	272	261	252
80	187	176	174	165	151	146	129	116	104	89.7	82.1	72.9	71.1	65.4	59.9	57.6	51.9	50.3	52.9
85	26.5	25.9	26.1	24.0	21.0	19.9	17.2	12.8	10.4	9.32	9.08	9.55	10.3	10.8	11.2	11.7	12.3	13.2	14.1
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	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:2017-02-17 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177
5	3153	3151	3149	3148	3147	3146	3146	3145	3144	3144	3143	3143	3143	3143	3144	3144	3145	3146	3147
10	3109	3107	3106	3105	3104	3102	3101	3100	3098	3097	3097	3098	3099	3099	3101	3102	3104	3105	3105
15	3042	3041	3038	3036	3032	3030	3030	3027	3025	3024	3024	3024	3025	3025	3026	3027	3028	3030	3032
20	2951	2948	2944	2941	2939	2935	2932	2930	2929	2927	2927	2928	2929	2931	2933	2935	2937	2939	2942
25	2836	2831	2827	2823	2818	2815	2812	2810	2811	2809	2808	2808	2809	2811	2812	2814	2817	2819	2823
30	2696	2690	2685	2681	2677	2672	2671	2667	2666	2665	2665	2665	2666	2668	2670	2673	2677	2681	2685
35	2531	2526	2520	2514	2510	2505	2503	2500	2497	2498	2497	2498	2501	2502	2504	2507	2510	2515	2521
40	2341	2334	2330	2323	2318	2315	2310	2308	2306	2308	2308	2308	2310	2312	2315	2319	2324	2328	2333
45	2125	2119	2111	2106	2103	2098	2093	2092	2089	2090	2092	2094	2097	2099	2100	2103	2107	2111	2118
50	1869	1859	1858	1863	1860	1857	1850	1848	1849	1853	1857	1859	1863	1864	1866	1869	1871	1875	1882
55	1589	1578	1583	1586	1593	1588	1581	1581	1583	1590	1594	1599	1602	1603	1606	1607	1606	1608	1616
60	1264	1257	1265	1269	1267	1274	1276	1282	1293	1309	1316	1319	1324	1325	1329	1329	1325	1323	1332
65	912	898	898	907	920	935	927	957	972	997	1018	1020	1026	1028	1031	1028	1019	1015	1025
70	560	550	551	560	580	599	609	626	657	673	698	700	709	716	721	717	707	701	709
75	249	259	266	271	283	291	302	311	343	363	383	392	397	412	418	416	407	399	410
80	56.4	61.5	68.6	73.7	79.5	88.3	95.1	104	117	130	142	149	150	161	164	162	160	162	167
85	14.3	14.4	14.5	15.1	14.6	15.8	18.0	20.9	24.0	25.9	27.7	28.3	28.6	30.0	30.5	30.1	29.9	30.7	32.8
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:2017-02-17

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:223.4V I:0.2731A P:59.77W PF:0.9797 Lamp Flux:8905.48x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-60-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177				
5	3148	3149	3150	3151	3152	3153	3155	3156	3158	3160	3162	3165	3167	3170	3173				
10	3107	3108	3109	3110	3112	3114	3116	3118	3121	3124	3127	3130	3133	3138	3143				
15	3035	3038	3041	3045	3049	3053	3059	3064	3066	3067	3070	3074	3080	3086	3095				
20	2945	2948	2952	2956	2961	2966	2972	2977	2984	2993	2995	2997	3001	3008	3018				
25	2828	2833	2838	2844	2851	2858	2862	2868	2875	2883	2892	2898	2900	2906	2917				
30	2689	2694	2699	2706	2712	2720	2727	2738	2744	2753	2761	2772	2778	2781	2791				
35	2526	2531	2537	2545	2554	2560	2569	2578	2588	2600	2607	2617	2632	2633	2642				
40	2338	2345	2352	2360	2367	2375	2388	2397	2408	2418	2432	2441	2452	2462	2467				
45	2126	2133	2140	2149	2158	2167	2179	2191	2206	2214	2227	2241	2251	2267	2267				
50	1890	1898	1905	1913	1922	1934	1950	1960	1974	1985	1995	2010	2024	2035	2042				
55	1629	1638	1645	1654	1665	1678	1692	1708	1716	1721	1740	1750	1754	1764	1777				
60	1347	1357	1363	1371	1381	1395	1410	1418	1424	1417	1425	1440	1435	1445	1452				
65	1042	1050	1056	1064	1085	1093	1098	1102	1099	1080	1069	1087	1090	1094	1101				
70	724	730	734	734	746	740	754	746	739	731	723	708	711	710	723				
75	430	434	429	429	429	419	409	405	401	389	370	360	360	361	357				
80	181	182	180	183	177	169	160	151	142	126	114	98.7	89.0	86.7	87.3				
85	36.8	39.4	41.6	44.0	43.8	41.3	37.4	32.2	26.4	19.8	18.7	16.6	15.4	14.8	13.9				
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:2017-02-17

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: