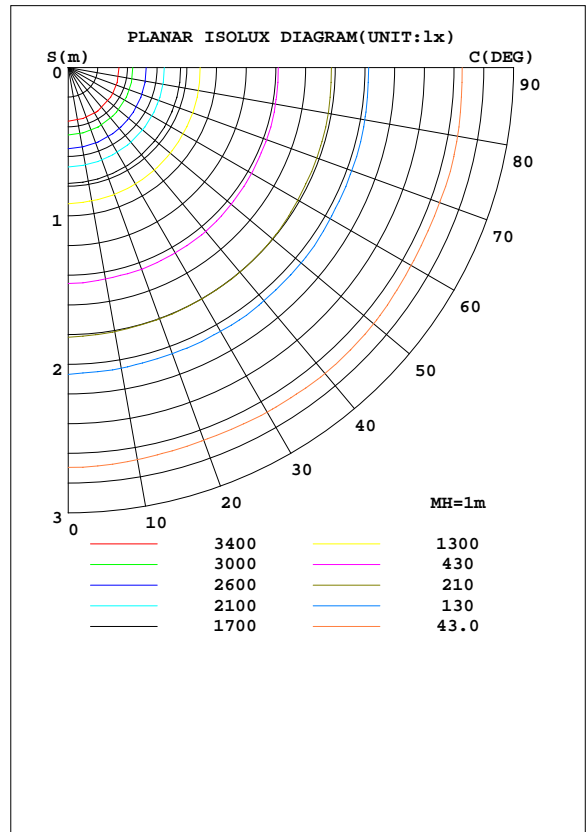
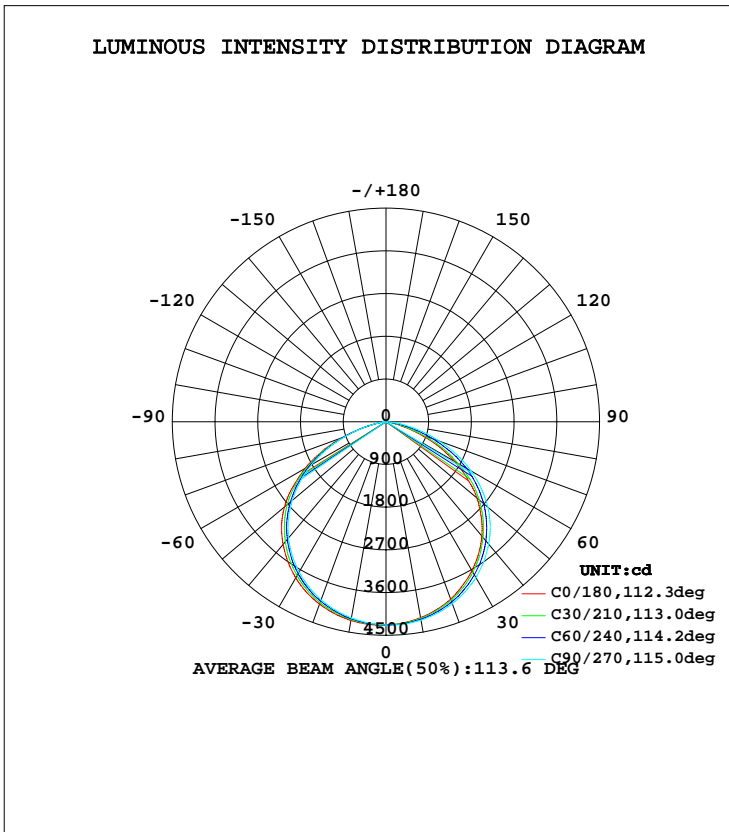


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:223.4V I:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.29 lm/W			
MODEL NF2W757GRT-V1 170PCS		Imax(cd)	4288	S/MH(C0/180)	1.26
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	11989	η UP, DN(C0-180)	0.0, 48.7
NOMINAL FLUX(lm)	11989.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 51.3
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



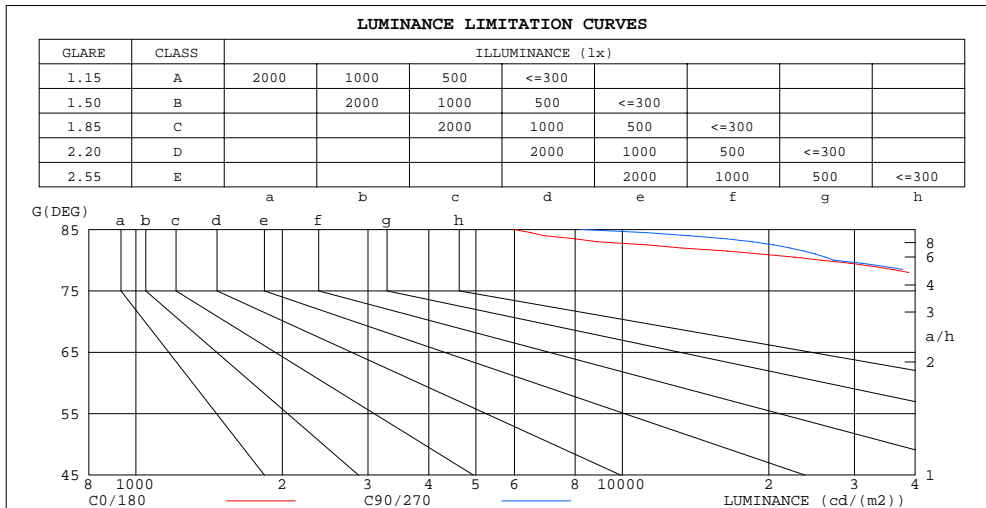
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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	4283	4267	4253	4246	4253	4265	4280	4285	0- 5	102.2	102.2	0.85,0.85
10	4250	4221	4199	4183	4192	4215	4244	4255	5- 10	303.5	405.7	3.38,3.38
15	4185	4147	4111	4094	4101	4134	4175	4196	10- 15	496.0	901.7	7.52,7.52
20	4089	4038	3997	3972	3979	4022	4083	4106	15- 20	673.9	1576	13.1,13.1
25	3964	3899	3842	3810	3811	3873	3949	3986	20- 25	831.4	2407	20.1,20.1
30	3801	3721	3662	3619	3622	3690	3793	3832	25- 30	962.9	3370	28.1,28.1
35	3601	3510	3443	3405	3401	3477	3593	3644	30- 35	1064	4434	37,37
40	3373	3271	3199	3153	3145	3231	3368	3426	35- 40	1131	5565	46.4,46.4
45	3111	2985	2907	2866	2842	2951	3105	3163	40- 45	1159	6724	56.1,56.1
50	2792	2678	2582	2551	2504	2625	2805	2871	45- 50	1144	7868	65.6,65.6
55	2395	2320	2212	2173	2093	2277	2451	2532	50- 55	1083	8951	74.7,74.7
60	1965	1909	1814	1739	1666	1873	2069	2126	55- 60	971.2	9922	82.8,82.8
65	1494	1446	1376	1295	1220	1427	1650	1665	60- 65	813.1	10735	89.5,89.5
70	978.6	975.6	916.8	833.8	736.5	959.8	1194	1173	65- 70	614.0	11349	94.7,94.7
75	505.0	493.7	502.0	404.6	341.9	512.9	760.2	692.9	70- 75	392.1	11741	97.9,97.9
80	155.6	152.1	165.4	112.3	67.74	188.6	362.5	304.6	75- 80	189.0	11930	99.5,99.5
85	18.29	15.38	25.07	12.26	18.76	37.86	78.27	81.53	80- 85	55.32	11985	100,100
90	0.7782	0	0	0	1.471	0	0	0	85- 90	4.330	11989	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	5994	8220
80	25604	27223
75	55752	55412
70	81749	76586
65	101017	93028
60	112268	103645
55	119293	110167
50	124099	114747
45	125697	117467

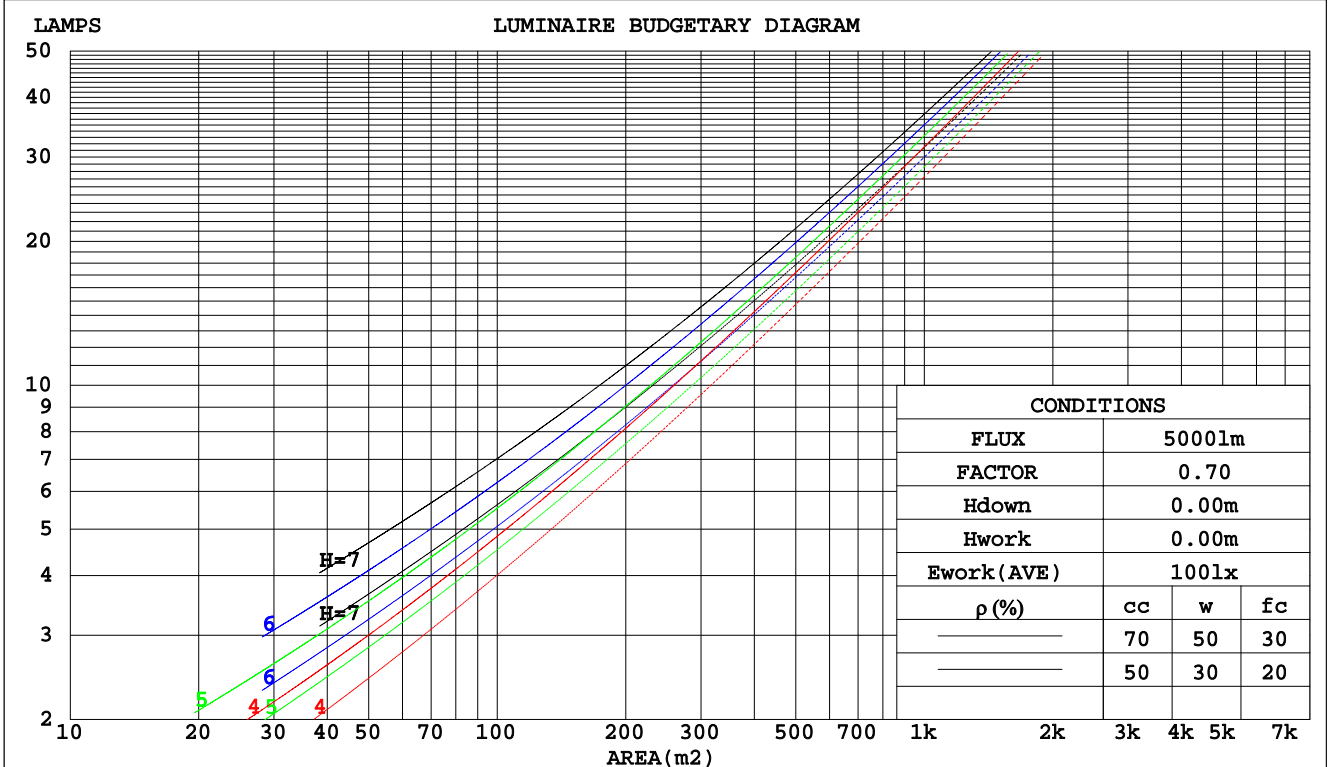
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-02-17

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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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																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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.77	.70	.65	.74	.68	.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	.47	.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	.51	.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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	.285	.162	.051	.278	.158	.050	.264	.152	.048	.252	.146	.047	.241	.140	.045	
2.0	.276	.151	.046	.269	.148	.046	.258	.143	.045	.247	.139	.043	.237	.134	.042	
3.0	.259	.138	.041	.254	.136	.041	.243	.132	.040	.234	.128	.039	.225	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.219	.118	.036	.211	.115	.035	
5.0	.225	.115	.033	.221	.113	.033	.213	.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	.179	.156	.136	.153	.134	.117	.105	.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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	29.6	31.1	29.8	31.3	31.5	29.3	30.8	29.5	31.0	31.2
3H	30.7	32.0	31.0	32.3	32.5	30.4	31.8	30.7	32.0	32.2
4H	30.9	32.2	31.2	32.5	32.7	30.6	31.9	31.0	32.2	32.4
6H	30.9	32.1	31.2	32.4	32.7	30.7	31.9	31.0	32.2	32.5
8H	30.9	32.0	31.2	32.3	32.6	30.7	31.8	31.0	32.1	32.4
12H	30.8	32.0	31.2	32.2	32.5	30.6	31.7	31.0	32.0	32.3
4H 2H	30.1	31.4	30.4	31.6	31.9	29.8	31.1	30.2	31.4	31.6
3H	31.3	32.4	31.6	32.7	33.0	31.1	32.2	31.4	32.5	32.8
4H	31.6	32.6	31.9	32.9	33.3	31.4	32.4	31.8	32.7	33.1
6H	31.6	32.5	32.0	32.9	33.2	31.5	32.4	31.9	32.7	33.1
8H	31.6	32.4	32.0	32.8	33.2	31.5	32.3	31.9	32.7	33.1
12H	31.5	32.3	32.0	32.7	33.1	31.4	32.2	31.9	32.6	33.0
8H 4H	31.6	32.5	32.0	32.8	33.2	31.5	32.3	31.9	32.7	33.0
6H	31.7	32.4	32.2	32.8	33.2	31.6	32.3	32.0	32.7	33.1
8H	31.7	32.3	32.1	32.7	33.2	31.6	32.2	32.0	32.6	33.1
12H	31.7	32.2	32.1	32.6	33.1	31.6	32.1	32.0	32.5	33.0
12H 4H	31.6	32.4	32.0	32.8	33.2	31.4	32.2	31.8	32.6	33.0
6H	31.7	32.3	32.1	32.7	33.2	31.6	32.2	32.0	32.6	33.0
8H	31.7	32.2	32.1	32.6	33.1	31.6	32.1	32.0	32.5	33.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.5				
2.0H	+ 0.5 / - 0.5					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 11989 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.6)

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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	74	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	81	91	85	80	72
2.50	100	93	87	98	92	86	94	89	84	76
3.00	103	97	92	101	96	91	97	93	89	80
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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

6723.8 lm

%lum = 56.1%

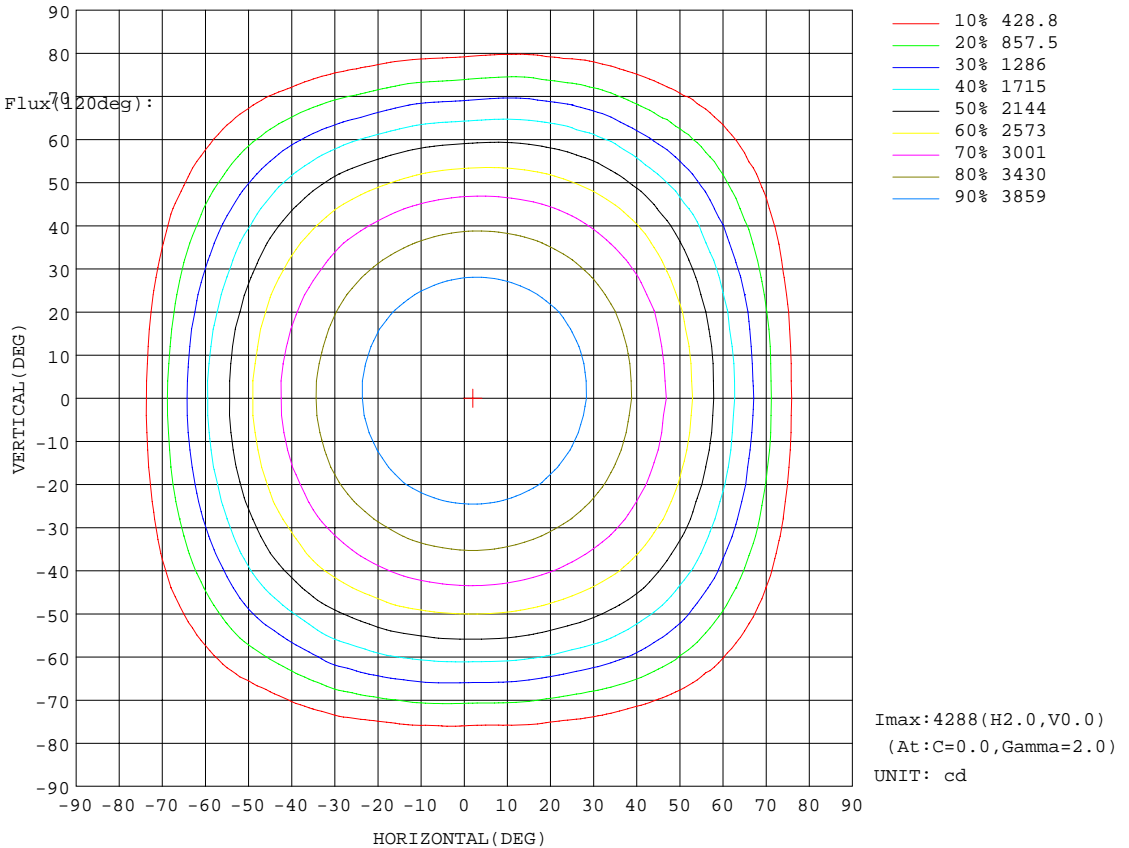
%lamp = 56.1%

Conical surface Flux(70deg):

9921.8 lm

%lum = 82.8%

%lamp = 82.8%



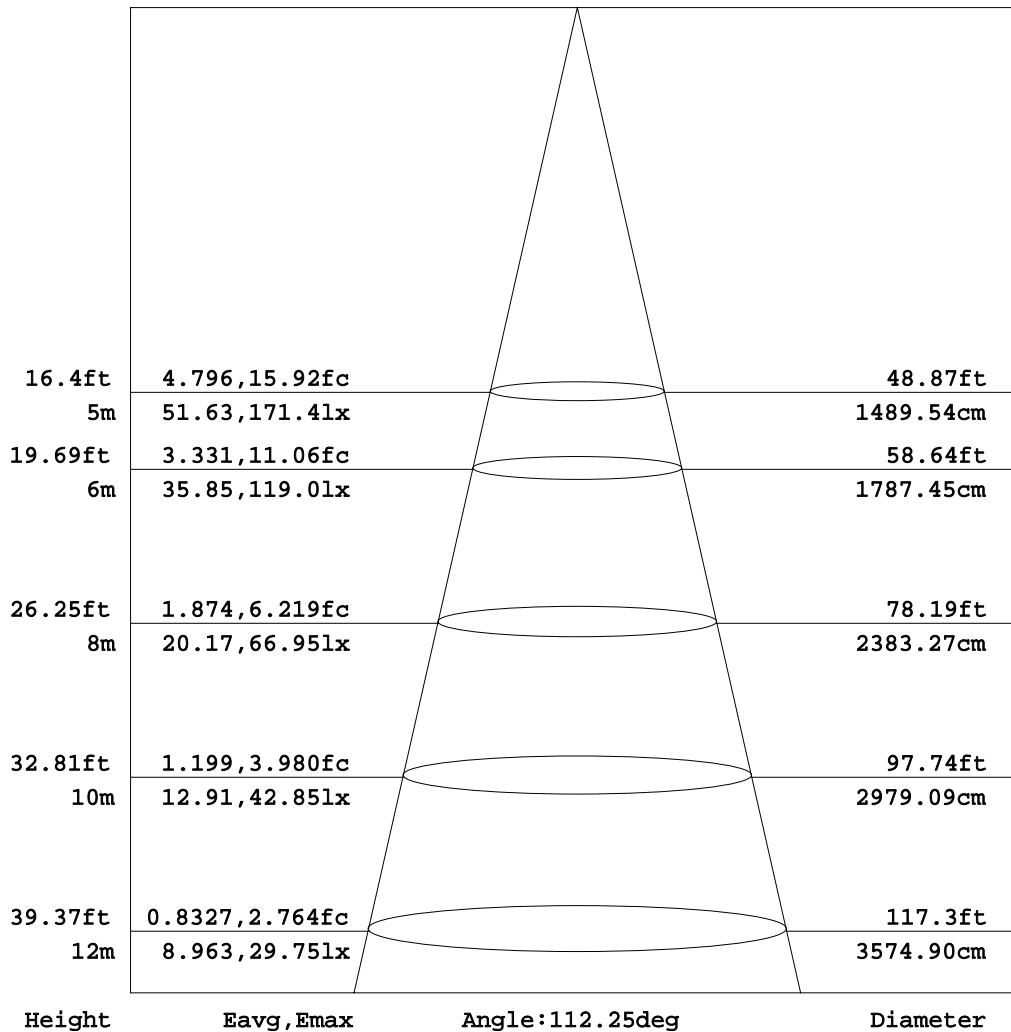
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-02-17

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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:9256 lm



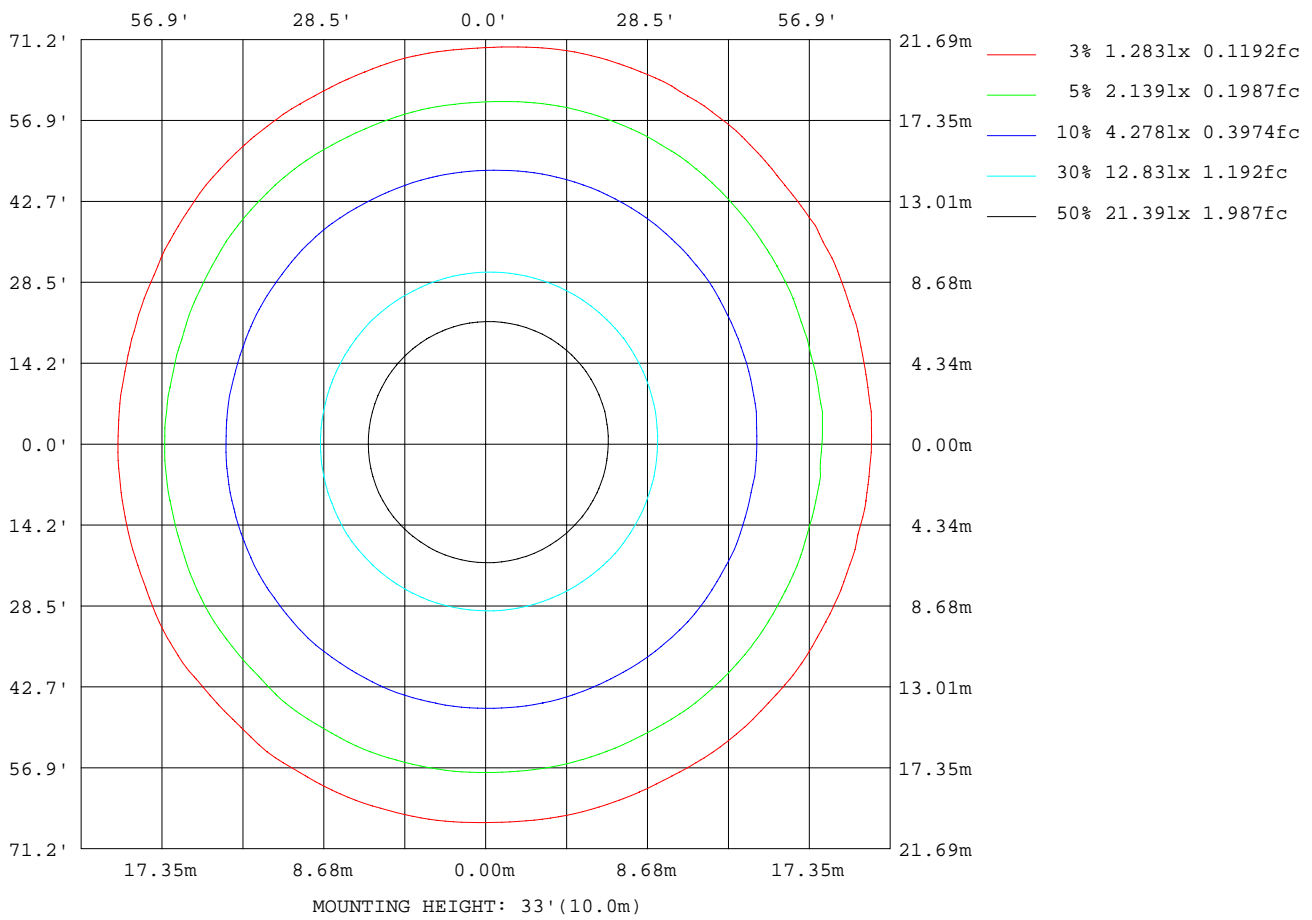
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

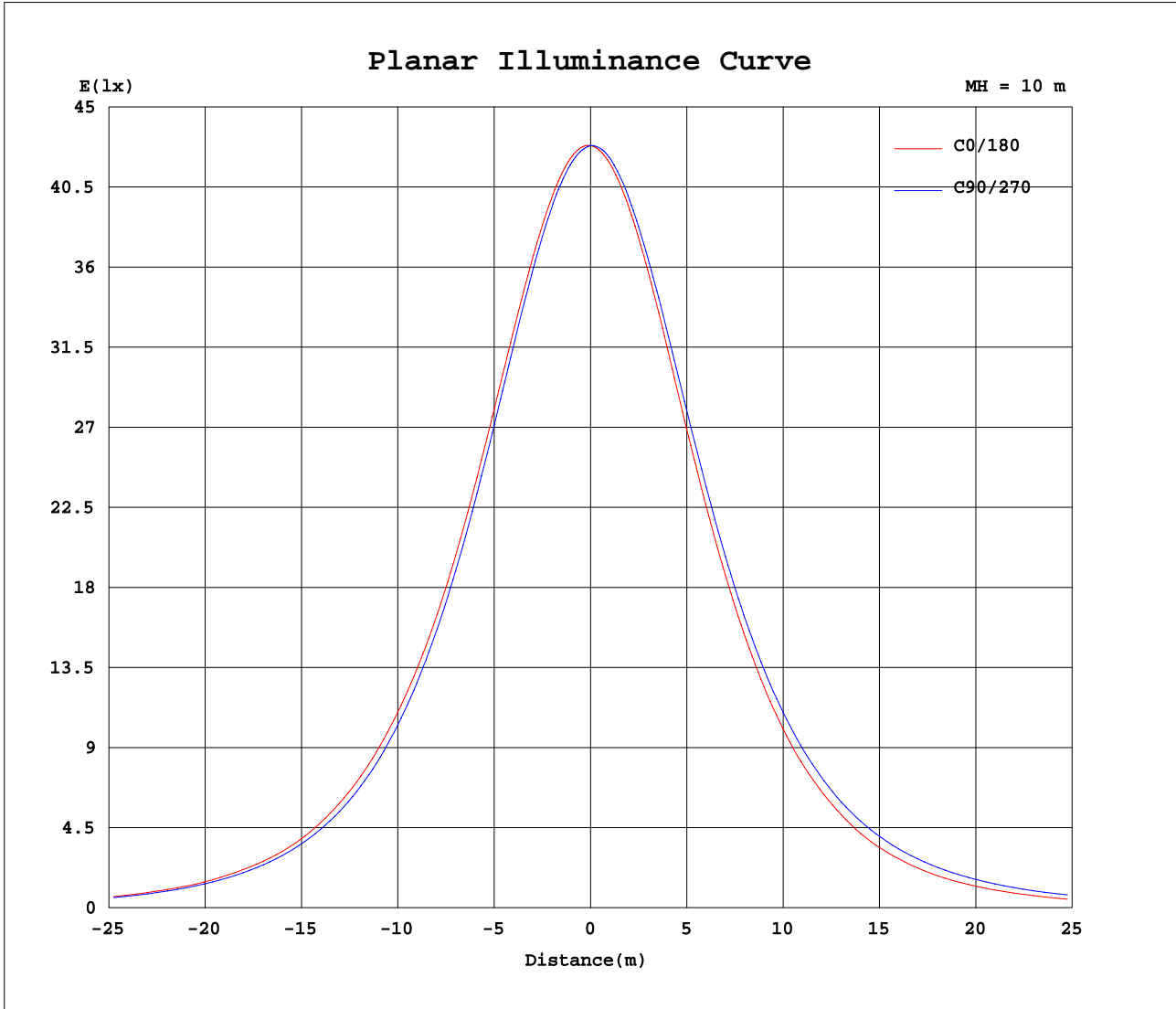
Test:U:223.4V I:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284
5	4283	4281	4279	4276	4274	4273	4271	4270	4268	4267	4265	4264	4262	4260	4259	4257	4255	4254	4253
10	4250	4245	4241	4238	4236	4233	4230	4228	4225	4221	4218	4215	4212	4210	4208	4206	4204	4201	4199
15	4185	4179	4174	4171	4167	4162	4158	4155	4153	4147	4141	4136	4131	4128	4124	4120	4116	4113	4111
20	4089	4081	4076	4071	4065	4062	4058	4049	4043	4038	4032	4027	4022	4017	4013	4009	4006	4002	3997
25	3964	3952	3945	3940	3935	3928	3919	3912	3905	3899	3896	3887	3878	3871	3865	3860	3853	3848	3842
30	3801	3788	3780	3773	3766	3756	3747	3739	3733	3721	3714	3706	3698	3691	3684	3679	3674	3671	3662
35	3601	3586	3578	3574	3560	3549	3543	3530	3520	3510	3500	3496	3483	3474	3467	3462	3455	3450	3443
40	3373	3353	3347	3335	3325	3317	3299	3289	3282	3271	3252	3241	3232	3225	3220	3215	3211	3205	3199
45	3111	3078	3087	3061	3050	3036	3024	3023	3000	2985	2972	2963	2953	2942	2935	2929	2922	2914	2907
50	2792	2758	2755	2738	2738	2722	2718	2700	2685	2678	2655	2640	2627	2616	2609	2603	2596	2588	2582
55	2395	2387	2356	2359	2360	2352	2334	2343	2339	2320	2299	2284	2263	2250	2244	2239	2229	2218	2212
60	1965	1955	1935	1919	1929	1911	1917	1915	1915	1909	1899	1885	1860	1847	1845	1841	1831	1818	1814
65	1494	1460	1469	1449	1445	1448	1451	1460	1448	1446	1442	1432	1408	1399	1397	1399	1393	1379	1376
70	979	974	962	952	942	951	962	966	979	976	971	955	941	933	933	941	934	922	917
75	505	497	494	491	480	478	495	493	497	494	499	508	508	500	503	517	505	493	502
80	156	146	141	140	138	139	141	144	147	152	152	160	166	161	166	168	171	166	165
85	18.3	16.4	16.0	15.6	14.7	15.1	12.2	12.6	14.2	15.4	20.1	24.0	26.3	26.9	28.2	28.3	27.6	25.8	25.1
90	0.78	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

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., PROTECTION ANGLE. Values include LED HIGH BAY LIGHT, YHL-ID-80-HB-VE, 5000K, 70Ra, etc.

Table--2

UNIT: cd

Large data table with columns for C (DEG) and gamma (DEG) ranging from 0 to 185. Values represent luminous intensity in cd.

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

gamma Range: 0 - 90DEG
gamma 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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284
5	4253	4254	4255	4257	4258	4260	4263	4265	4267	4269	4271	4273	4274	4275	4276	4278	4280	4281	4282
10	4194	4196	4200	4204	4206	4210	4212	4215	4218	4221	4225	4229	4232	4235	4238	4242	4244	4246	4248
15	4104	4110	4113	4116	4119	4123	4130	4134	4137	4142	4148	4153	4158	4162	4166	4170	4175	4178	4181
20	3985	3990	3993	3997	4003	4007	4014	4022	4028	4034	4040	4047	4055	4063	4070	4077	4083	4087	4091
25	3821	3826	3832	3840	3849	3859	3866	3873	3883	3891	3898	3908	3917	3926	3935	3942	3949	3955	3962
30	3629	3633	3641	3652	3660	3669	3682	3690	3702	3712	3723	3734	3747	3760	3772	3782	3793	3799	3806
35	3406	3409	3415	3425	3439	3451	3466	3477	3489	3505	3516	3529	3543	3558	3571	3582	3593	3603	3611
40	3148	3154	3168	3169	3179	3198	3212	3231	3247	3264	3275	3288	3304	3321	3338	3354	3368	3379	3389
45	2849	2862	2862	2874	2892	2902	2923	2951	2966	2979	2995	3013	3035	3057	3074	3090	3105	3118	3129
50	2498	2512	2527	2549	2562	2590	2605	2625	2650	2670	2687	2703	2722	2745	2768	2788	2805	2820	2834
55	2120	2116	2139	2155	2195	2214	2239	2277	2304	2326	2337	2350	2370	2396	2417	2434	2451	2473	2496
60	1670	1674	1682	1730	1748	1794	1839	1873	1904	1939	1954	1963	1986	2015	2038	2052	2069	2094	2123
65	1213	1228	1243	1276	1313	1347	1384	1427	1452	1475	1507	1518	1554	1594	1624	1634	1650	1683	1720
70	739	757	770	802	845	891	924	960	1000	1024	1043	1056	1097	1141	1172	1177	1194	1232	1276
75	338	353	359	383	418	456	490	513	538	583	616	635	670	707	725	735	760	795	830
80	68.9	79.2	89.2	105	118	142	167	189	216	235	260	275	297	326	341	348	363	394	418
85	25.7	25.9	25.7	26.4	25.8	27.0	31.2	37.9	46.3	51.8	57.6	61.6	64.7	69.9	72.8	74.2	78.3	85.8	94.6
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	0.00	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:0.3742A P:81.96W PF:0.9804 Lamp Flux:11989.5x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-80-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	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284	4284				
5	4283	4283	4284	4285	4286	4286	4285	4285	4285	4284	4284	4283	4283	4283	4283				
10	4250	4251	4252	4253	4253	4254	4255	4256	4256	4255	4255	4253	4251	4250	4250				
15	4185	4188	4190	4191	4193	4194	4196	4198	4195	4194	4194	4192	4191	4187	4185				
20	4095	4097	4099	4102	4104	4105	4106	4106	4105	4107	4103	4099	4097	4094	4090				
25	3967	3973	3977	3980	3985	3988	3986	3985	3984	3982	3983	3981	3974	3971	3965				
30	3812	3817	3821	3826	3828	3830	3832	3837	3831	3829	3827	3825	3818	3810	3803				
35	3619	3627	3633	3639	3645	3643	3644	3645	3644	3643	3635	3629	3627	3614	3605				
40	3397	3404	3411	3417	3419	3422	3426	3424	3419	3415	3414	3403	3394	3388	3375				
45	3140	3149	3159	3166	3170	3163	3163	3163	3172	3157	3152	3148	3132	3131	3106				
50	2846	2857	2865	2869	2870	2869	2871	2861	2855	2867	2851	2831	2813	2803	2789				
55	2514	2526	2535	2541	2543	2537	2532	2521	2518	2480	2462	2441	2442	2421	2408				
60	2141	2152	2160	2159	2160	2140	2126	2108	2074	2061	2037	2007	1981	1985	1987				
65	1743	1752	1758	1738	1731	1707	1665	1628	1625	1593	1569	1535	1506	1495	1491				
70	1300	1294	1302	1284	1267	1210	1173	1150	1122	1088	1043	1023	1012	996	993				
75	849	826	818	811	781	732	693	666	643	617	588	551	544	532	515				
80	431	414	410	403	374	341	305	283	262	233	209	188	171	167	166				
85	104	107	113	114	110	96.4	81.5	66.9	50.5	34.7	31.6	25.8	23.3	21.6	20.3				
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: