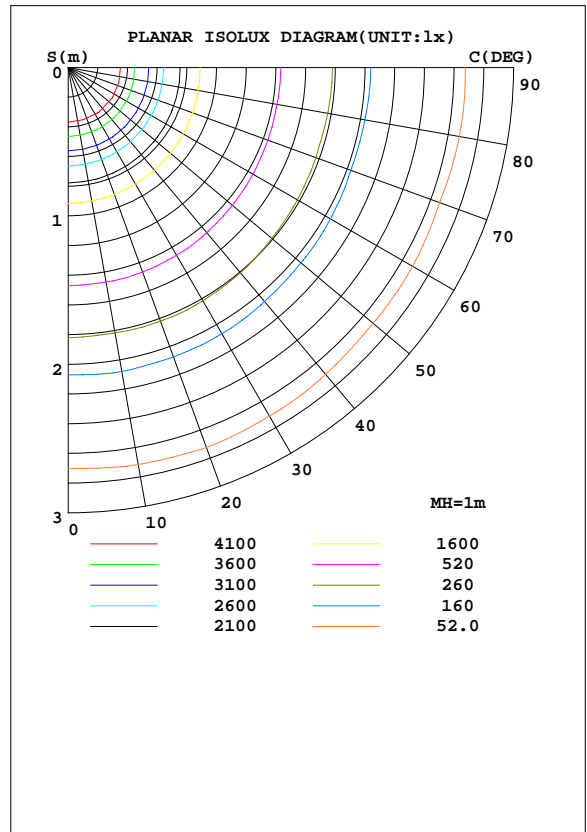
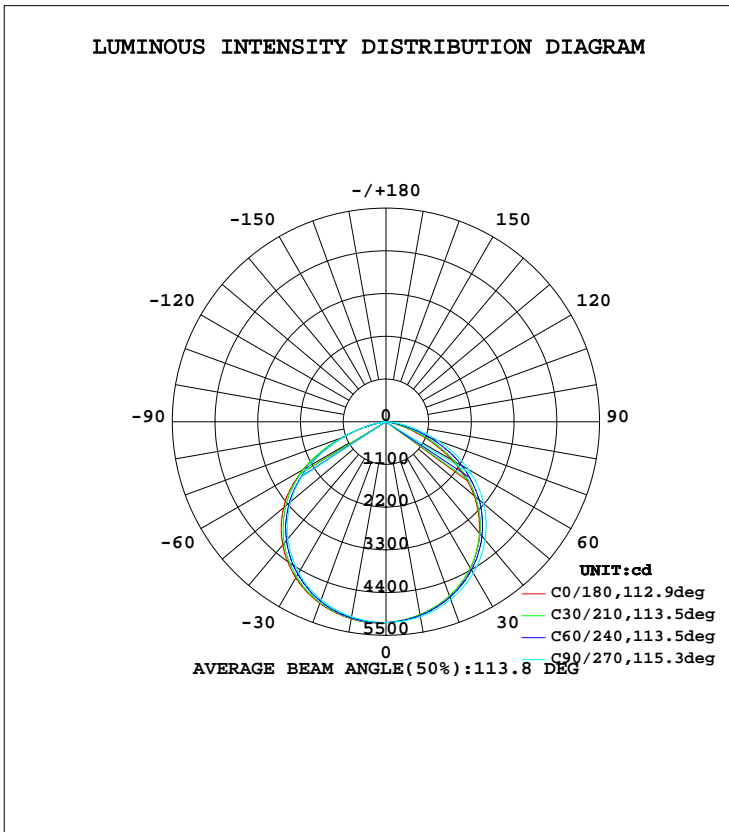


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:223.4V I:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.36 lm/W			
MODEL NF2W757GRT-V1 210PCS		Imax(cd)	5186	S/MH(C0/180)	1.25
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14484	η UP, DN(C0-180)	0.0, 49.5
NOMINAL FLUX(lm)	14484	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.5
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



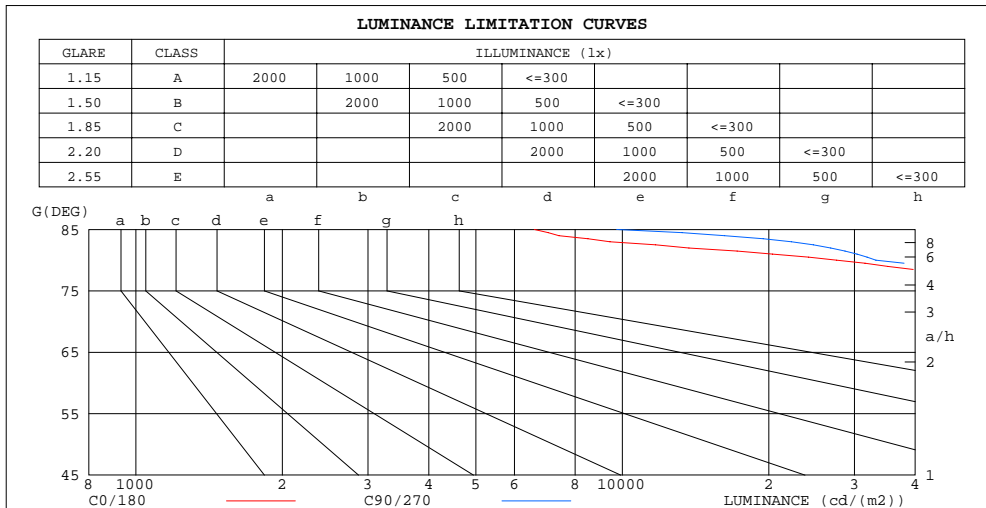
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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	5185	5173	5152	5131	5125	5128	5150	5171	0- 5	123.4	123.4	0.85,0.85
10	5152	5134	5101	5059	5044	5051	5098	5132	5- 10	366.5	489.9	3.38,3.38
15	5082	5060	5009	4955	4928	4941	5000	5058	10- 15	599.0	1089	7.52,7.52
20	4976	4940	4881	4814	4776	4790	4874	4945	15- 20	813.8	1903	13.1,13.1
25	4828	4775	4708	4633	4584	4597	4702	4797	20- 25	1004	2907	20.1,20.1
30	4642	4568	4496	4411	4353	4368	4498	4609	25- 30	1164	4071	28.1,28.1
35	4409	4321	4229	4134	4068	4104	4253	4380	30- 35	1285	5356	37,37
40	4136	4035	3934	3830	3746	3798	3973	4114	35- 40	1365	6721	46.4,46.4
45	3814	3692	3586	3499	3375	3455	3646	3802	40- 45	1399	8120	56.1,56.1
50	3439	3314	3209	3108	2974	3071	3289	3455	45- 50	1382	9501	65.6,65.6
55	2991	2858	2765	2691	2502	2642	2889	3043	50- 55	1310	10811	74.6,74.6
60	2467	2364	2277	2196	1955	2137	2448	2604	55- 60	1178	11989	82.8,82.8
65	1835	1783	1737	1658	1390	1609	1959	2054	60- 65	986.8	12976	89.6,89.6
70	1207	1176	1147	1090	844.2	1054	1425	1440	65- 70	743.1	13719	94.7,94.7
75	603.5	587.4	618.2	560.0	384.9	549.1	888.5	839.5	70- 75	472.4	14191	98,98
80	167.6	178.2	201.9	166.5	78.74	197.5	422.5	367.9	75- 80	224.0	14416	99.5,99.5
85	20.12	17.68	29.69	18.13	22.64	41.47	89.25	89.61	80- 85	63.54	14479	100,100
90	0.9630	0	0	0	1.747	0	0	0	85- 90	4.974	14484	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	6594	9732
80	27574	33219
75	66621	68247
70	100802	95820
65	124056	117398
60	140972	130107
55	148978	137749
50	152880	142615
45	154126	144876

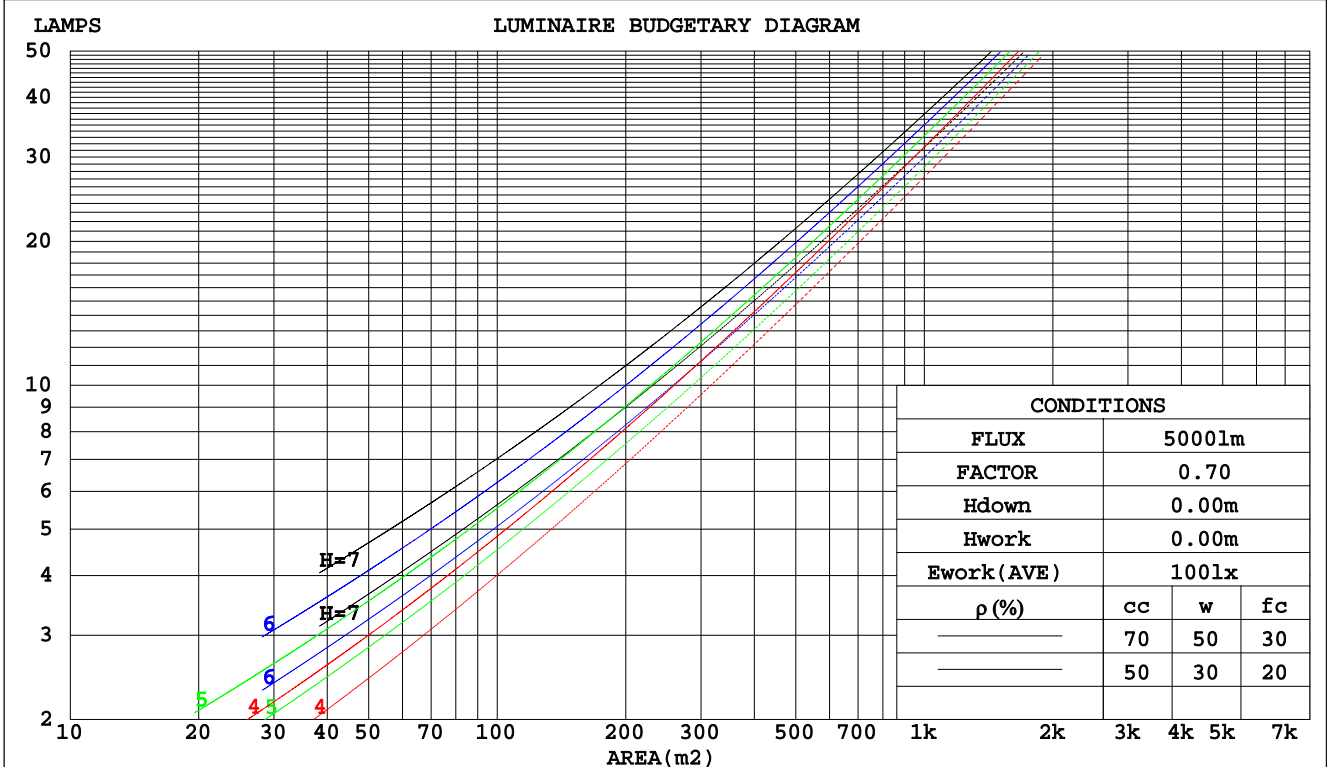
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-02-17

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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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																
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	.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	.80	.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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	.162	.051	.277	.158	.050	.264	.152	.048	.252	.145	.047	.241	.140	.045	
2.0	.275	.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	.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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	30.5	32.0	30.8	32.2	32.4	30.1	31.6	30.3	31.8	32.0
3H	31.6	33.0	31.9	33.2	33.5	31.2	32.6	31.5	32.8	33.0
4H	31.9	33.2	32.2	33.4	33.7	31.4	32.7	31.8	33.0	33.2
6H	31.9	33.1	32.2	33.3	33.6	31.5	32.7	31.8	33.0	33.2
8H	31.8	33.0	32.2	33.3	33.6	31.5	32.6	31.8	32.9	33.2
12H	31.8	32.9	32.1	33.2	33.5	31.4	32.5	31.8	32.8	33.1
4H 2H	31.0	32.3	31.3	32.5	32.8	30.6	31.9	31.0	32.2	32.5
3H	32.2	33.4	32.6	33.7	34.0	31.9	33.0	32.2	33.3	33.6
4H	32.5	33.6	32.9	33.9	34.2	32.2	33.2	32.5	33.5	33.9
6H	32.6	33.5	33.0	33.8	34.2	32.3	33.2	32.7	33.5	33.9
8H	32.5	33.4	32.9	33.7	34.1	32.2	33.1	32.6	33.4	33.8
12H	32.5	33.3	32.9	33.6	34.1	32.2	33.0	32.6	33.4	33.8
8H 4H	32.6	33.4	33.0	33.8	34.2	32.2	33.1	32.7	33.4	33.8
6H	32.6	33.3	33.1	33.7	34.2	32.4	33.0	32.8	33.5	33.9
8H	32.6	33.2	33.1	33.7	34.1	32.4	33.0	32.8	33.4	33.8
12H	32.6	33.1	33.1	33.6	34.0	32.3	32.8	32.8	33.3	33.8
12H 4H	32.5	33.3	33.0	33.7	34.1	32.2	33.0	32.6	33.4	33.8
6H	32.6	33.2	33.1	33.7	34.1	32.3	32.9	32.8	33.4	33.8
8H	32.6	33.1	33.1	33.6	34.0	32.3	32.8	32.8	33.3	33.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.4				

CIE Pub.117 Corrected 14484 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.3)

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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	46	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	82	91	85	80	72
2.50	100	93	87	98	92	86	94	89	84	76
3.00	104	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

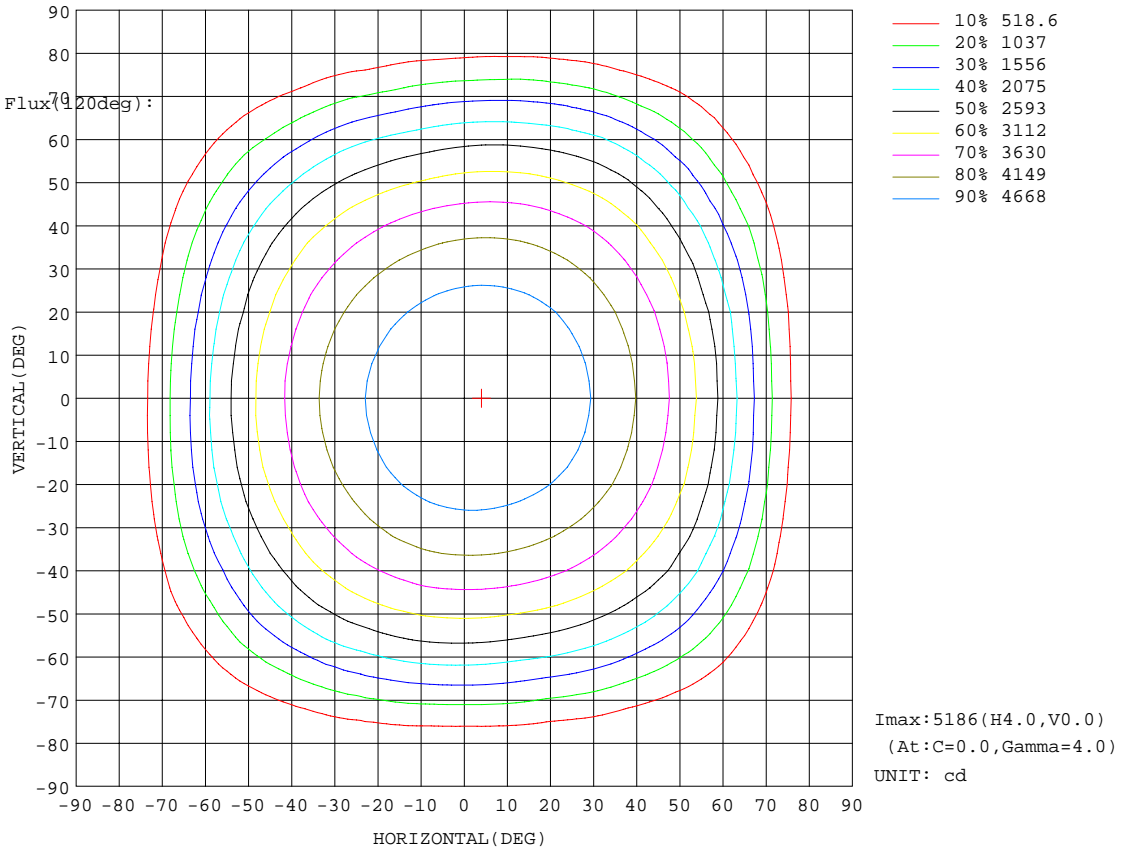
Test:U:223.4V I:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

8119.7 lm
 %lum = 56.1%
 %lamp = 56.1%

Conical surface Flux(70deg):

11989 lm
 %lum = 82.8%
 %lamp = 82.8%



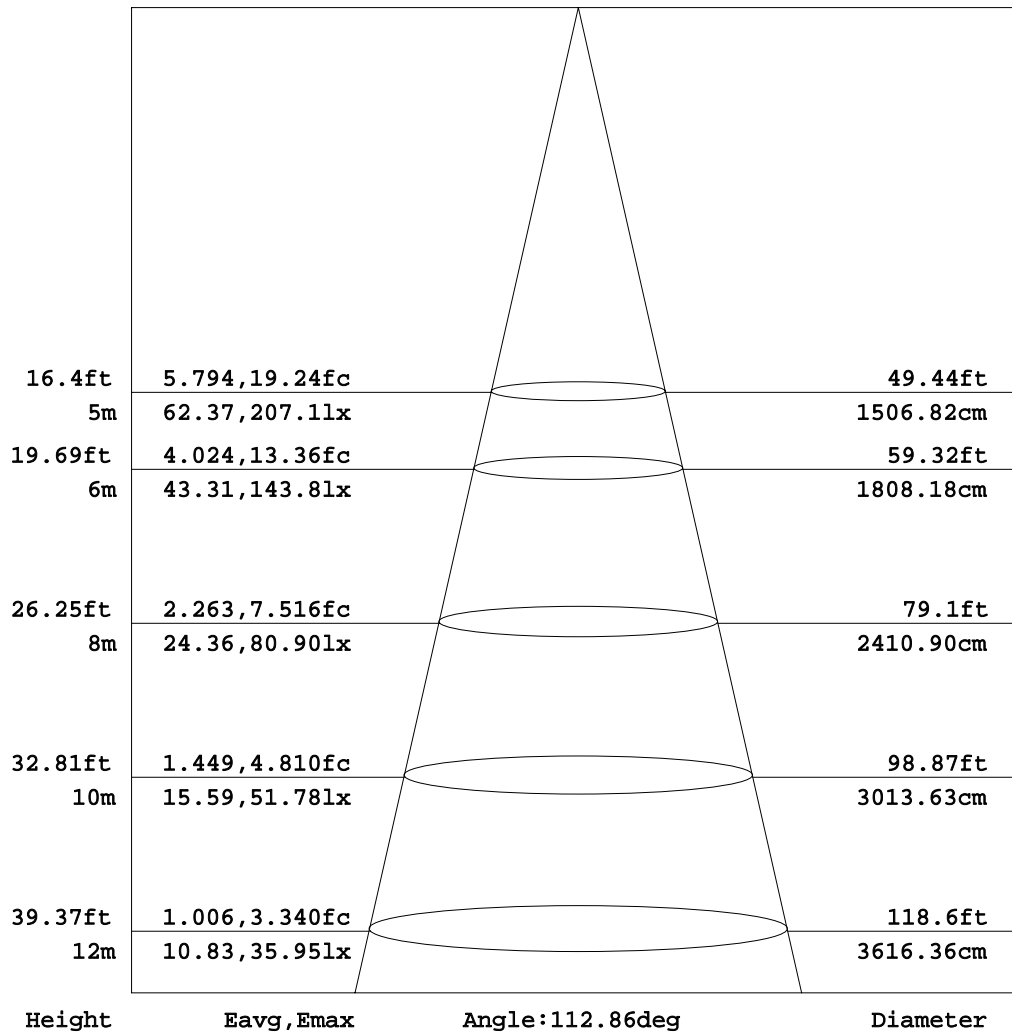
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-02-17

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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:11181 lm



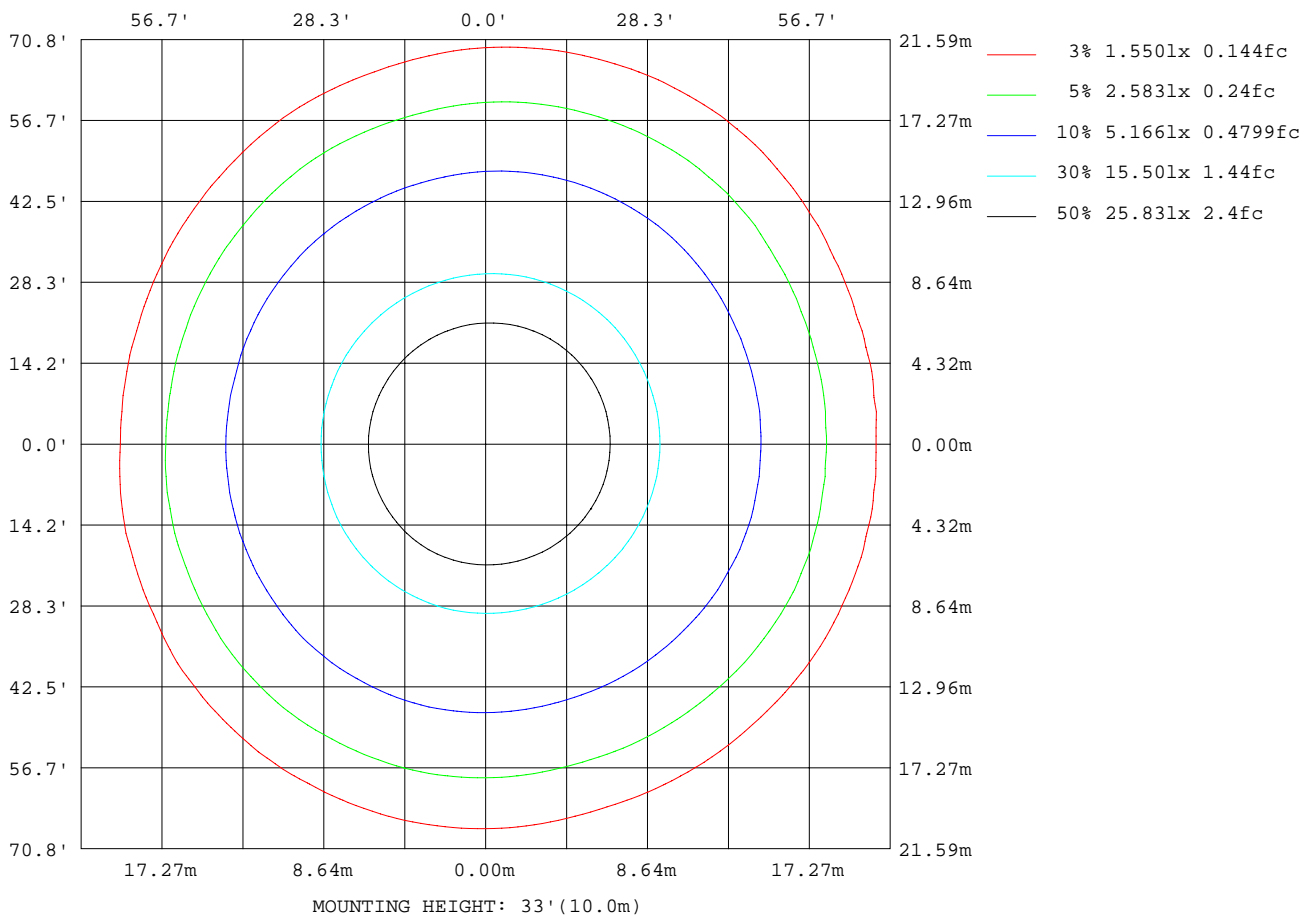
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

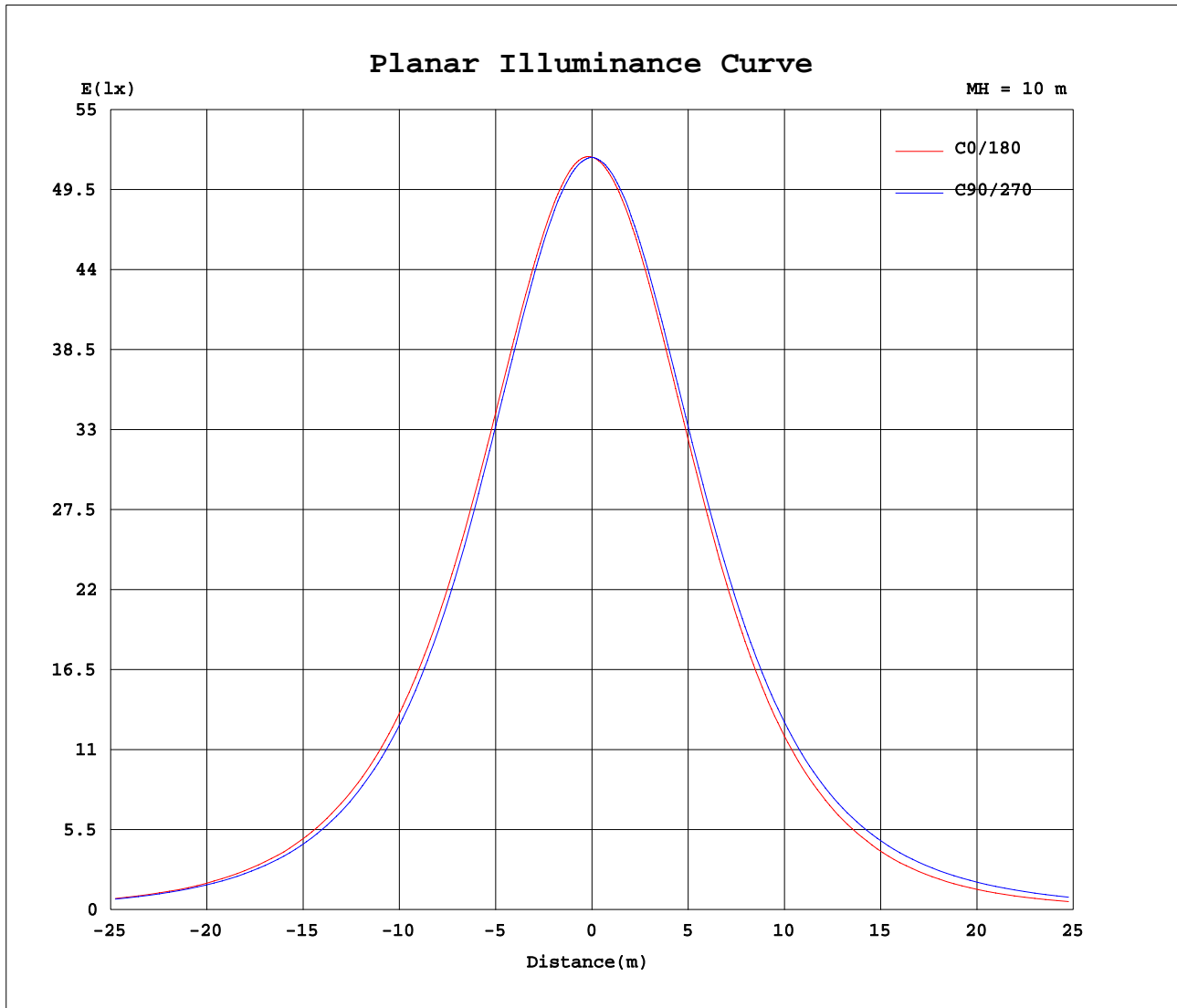
Test:U:223.4V I:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170217
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173
5	5185	5184	5182	5181	5179	5178	5177	5175	5174	5173	5172	5170	5168	5165	5163	5160	5158	5155	5152
10	5152	5149	5147	5145	5145	5144	5142	5140	5137	5134	5131	5128	5125	5122	5118	5114	5110	5106	5101
15	5082	5077	5074	5074	5072	5070	5067	5066	5066	5060	5054	5048	5043	5039	5034	5027	5021	5014	5009
20	4976	4969	4967	4964	4961	4960	4959	4950	4945	4940	4935	4925	4918	4911	4906	4900	4894	4888	4881
25	4828	4821	4818	4815	4815	4809	4801	4794	4785	4775	4769	4757	4746	4738	4732	4726	4720	4714	4708
30	4642	4632	4629	4626	4622	4614	4606	4594	4584	4568	4556	4545	4534	4524	4516	4510	4505	4500	4496
35	4409	4399	4395	4396	4384	4374	4366	4350	4335	4321	4309	4302	4285	4270	4258	4250	4242	4235	4229
40	4136	4124	4119	4111	4102	4095	4077	4063	4049	4035	4014	3999	3986	3971	3960	3952	3945	3940	3934
45	3814	3799	3798	3780	3771	3756	3740	3732	3710	3692	3675	3661	3645	3627	3612	3602	3594	3590	3586
50	3439	3420	3415	3406	3397	3383	3368	3336	3322	3314	3284	3264	3248	3232	3217	3208	3206	3208	3209
55	2991	2967	2967	2992	2959	2955	2930	2923	2886	2858	2839	2823	2802	2780	2760	2752	2754	2761	2765
60	2467	2449	2443	2444	2463	2450	2446	2410	2386	2364	2333	2310	2291	2274	2254	2246	2253	2268	2277
65	1835	1854	1878	1860	1858	1850	1851	1834	1808	1783	1772	1765	1740	1719	1697	1699	1715	1731	1737
70	1207	1213	1231	1234	1248	1236	1223	1214	1196	1176	1160	1164	1158	1142	1126	1144	1152	1153	1147
75	604	597	621	637	631	630	635	620	604	587	594	607	616	600	594	621	628	625	618
80	168	169	170	168	170	171	169	176	179	178	177	184	190	188	184	195	195	197	202
85	20.1	18.6	19.2	18.7	17.5	17.6	14.5	15.2	16.7	17.7	22.7	25.3	27.6	29.1	29.1	30.1	29.6	29.2	29.7
90	0.96	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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173
5	5150	5147	5144	5142	5140	5138	5136	5134	5131	5129	5127	5125	5124	5123	5123	5123	5124	5125	5123
10	5096	5091	5086	5081	5076	5071	5066	5062	5059	5056	5054	5050	5048	5045	5043	5042	5042	5044	5041
15	5002	4996	4990	4985	4978	4971	4965	4959	4955	4950	4943	4938	4935	4933	4930	4927	4926	4928	4924
20	4873	4866	4858	4849	4841	4835	4829	4821	4814	4806	4798	4794	4786	4781	4779	4776	4773	4776	4771
25	4701	4694	4686	4678	4669	4659	4652	4644	4633	4625	4617	4607	4599	4594	4589	4587	4583	4584	4578
30	4490	4482	4473	4464	4454	4447	4437	4427	4411	4400	4385	4379	4370	4364	4359	4358	4353	4353	4346
35	4225	4221	4216	4205	4194	4186	4169	4150	4134	4117	4104	4097	4089	4082	4077	4072	4070	4068	4064
40	3930	3927	3921	3903	3893	3878	3866	3848	3830	3816	3804	3791	3785	3773	3754	3746	3745	3746	3748
45	3584	3585	3582	3563	3551	3544	3537	3513	3499	3479	3469	3447	3428	3418	3414	3399	3390	3375	3378
50	3207	3206	3196	3186	3173	3171	3152	3123	3108	3086	3057	3026	3016	2998	2991	2979	2980	2974	2976
55	2769	2772	2769	2758	2745	2731	2730	2704	2691	2654	2618	2598	2568	2555	2532	2526	2513	2502	2487
60	2285	2288	2282	2266	2255	2249	2246	2223	2196	2173	2140	2102	2070	2046	2035	2011	1985	1955	1952
65	1741	1740	1736	1724	1717	1711	1701	1676	1658	1632	1615	1565	1526	1511	1486	1465	1425	1390	1391
70	1152	1159	1168	1161	1157	1151	1133	1117	1090	1082	1058	1021	976	961	954	921	882	844	835
75	623	633	640	628	614	618	598	579	560	554	541	519	494	479	475	447	414	385	371
80	203	201	206	202	203	205	198	187	167	159	154	142	136	132	125	112	92.4	78.7	76.1
85	30.2	30.1	30.9	30.2	29.5	28.5	26.9	23.1	18.1	15.6	14.7	13.8	16.0	15.8	15.7	15.8	16.3	22.6	29.4
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	1.75	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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173
5	5122	5122	5122	5122	5123	5125	5126	5128	5131	5133	5135	5137	5139	5142	5144	5147	5150	5152	5155
10	5040	5039	5041	5043	5044	5047	5049	5051	5055	5059	5064	5070	5075	5081	5087	5093	5098	5103	5108
15	4922	4925	4925	4927	4929	4932	4939	4941	4945	4950	4956	4963	4971	4978	4985	4993	5000	5008	5015
20	4771	4771	4771	4773	4778	4779	4783	4790	4795	4801	4809	4817	4827	4838	4850	4862	4874	4884	4893
25	4579	4577	4579	4580	4582	4587	4591	4597	4607	4615	4624	4636	4649	4662	4675	4688	4702	4715	4728
30	4345	4342	4342	4345	4349	4351	4361	4368	4381	4393	4404	4416	4432	4448	4467	4483	4498	4514	4529
35	4064	4069	4070	4072	4076	4082	4095	4104	4114	4129	4142	4158	4176	4196	4215	4234	4253	4272	4290
40	3744	3744	3750	3757	3767	3778	3784	3798	3811	3828	3845	3861	3881	3902	3924	3948	3973	3997	4018
45	3377	3381	3386	3396	3413	3429	3441	3455	3469	3487	3505	3523	3546	3570	3594	3619	3646	3673	3699
50	2973	2979	2985	3002	3015	3042	3060	3071	3089	3113	3131	3146	3168	3194	3222	3256	3289	3319	3345
55	2494	2485	2520	2539	2569	2588	2612	2642	2661	2685	2703	2725	2752	2778	2809	2850	2889	2924	2953
60	1958	1980	1985	2019	2041	2079	2102	2137	2178	2220	2253	2274	2300	2324	2359	2405	2448	2485	2515
65	1397	1403	1436	1463	1501	1532	1577	1609	1650	1701	1745	1770	1798	1830	1874	1920	1959	1990	2018
70	851	866	892	923	964	999	1016	1054	1101	1152	1200	1224	1252	1292	1341	1386	1425	1459	1488
75	373	395	407	428	467	497	527	549	585	643	692	715	741	792	837	866	889	913	944
80	77.9	85.9	97.1	111	127	152	174	197	221	248	280	304	322	361	384	394	423	451	459
85	31.5	31.9	31.6	31.9	31.6	31.8	35.0	41.5	48.7	54.2	60.8	66.4	69.0	75.9	81.0	84.2	89.3	97.3	105
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:0.4499A P:98.96W PF:0.9844 Lamp Flux:14484x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-100-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	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173	5173				
5	5158	5160	5163	5166	5168	5170	5171	5173	5174	5175	5177	5178	5180	5182	5183				
10	5112	5116	5119	5123	5126	5128	5132	5135	5138	5139	5142	5143	5144	5146	5149				
15	5022	5030	5035	5041	5046	5052	5058	5064	5065	5067	5069	5071	5074	5074	5077				
20	4902	4910	4917	4925	4932	4939	4945	4950	4956	4964	4964	4965	4967	4968	4970				
25	4741	4752	4762	4772	4784	4794	4797	4802	4807	4811	4817	4820	4819	4821	4822				
30	4542	4555	4567	4580	4591	4601	4609	4619	4620	4623	4626	4632	4633	4633	4634				
35	4307	4322	4335	4350	4365	4371	4380	4387	4391	4398	4397	4398	4407	4403	4403				
40	4036	4052	4066	4080	4093	4102	4114	4118	4119	4120	4126	4124	4127	4130	4128				
45	3722	3740	3757	3773	3787	3795	3802	3805	3810	3804	3805	3808	3807	3818	3806				
50	3369	3392	3407	3421	3433	3443	3455	3447	3445	3445	3440	3442	3443	3448	3440				
55	2977	2996	3014	3028	3041	3048	3043	3037	3032	3007	2992	2983	2986	2981	2988				
60	2536	2553	2571	2586	2603	2594	2604	2572	2535	2510	2484	2474	2449	2472	2469				
65	2037	2056	2077	2080	2102	2079	2054	2017	1974	1938	1910	1876	1876	1885	1860				
70	1512	1521	1529	1520	1511	1483	1440	1412	1363	1315	1268	1241	1250	1244	1212				
75	969	967	960	955	923	875	839	818	768	720	676	640	627	633	628				
80	474	476	468	457	426	398	368	344	308	266	223	186	166	170	163				
85	114	122	125	125	120	106	89.6	73.1	54.5	33.9	32.4	27.8	25.2	22.9	21.3				
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: