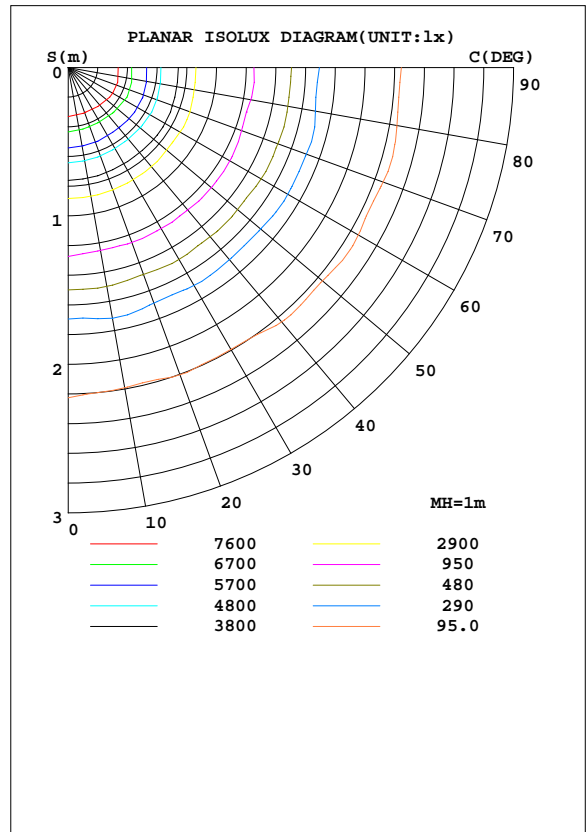
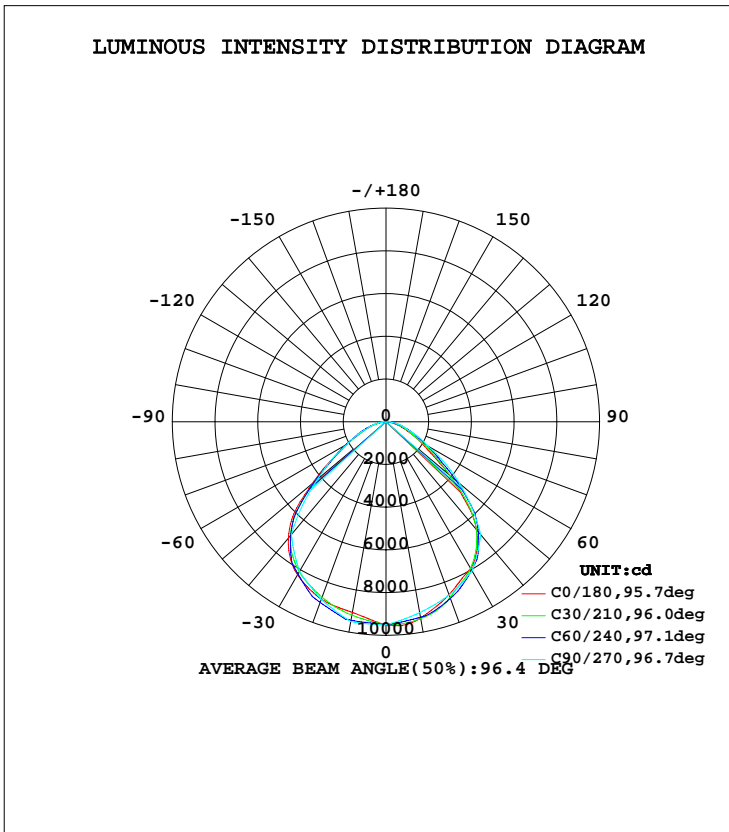


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.69 lm/W			
MODEL	NF2W757GR-V1 318PCS	I _{max} (cd)	9564	S/MH(C0/180)	1.25
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	21426	η UP, DN(C0-180)	0.0, 49.6
NOMINAL FLUX(lm)	21426.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.4
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



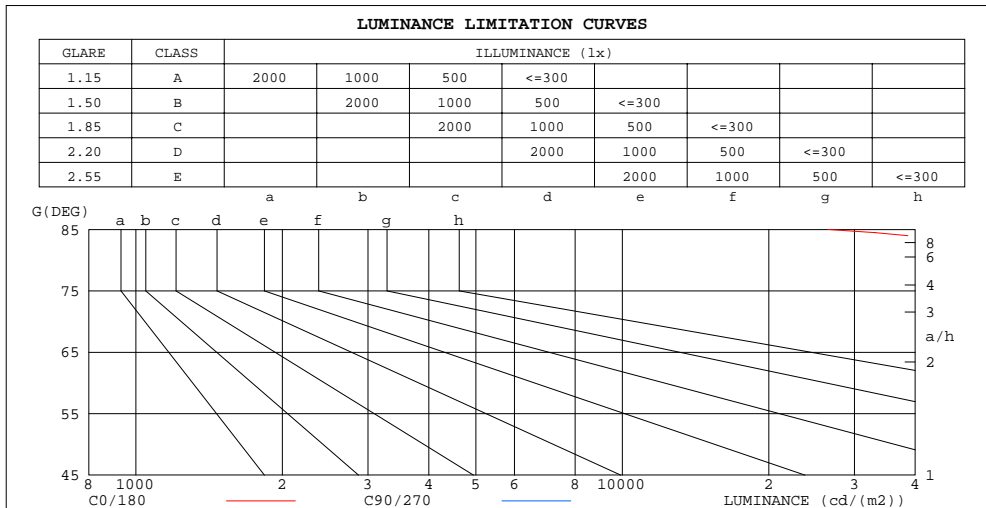
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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	Φ lum, lamp
5	9266	9400	9499	9487	9553	9437	9289	9215	0- 5	225.6	225.6	1.05,1.05
10	9064	9316	9495	9255	9328	9357	9075	9018	5- 10	665.8	891.4	4.16,4.16
15	8964	9142	9170	8958	8977	9232	8857	8959	10- 15	1083	1974	9.21,9.21
20	8839	8840	8844	8630	8621	8849	8639	8826	15- 20	1465	3439	16.1,16.1
25	8592	8523	8466	8364	8220	8462	8350	8602	20- 25	1804	5243	24.5,24.5
30	8279	8128	8087	8014	7925	8011	8062	8216	25- 30	2091	7334	34.2,34.2
35	7804	7642	7488	7409	7417	7434	7476	7652	30- 35	2302	9636	45,45
40	7108	6981	6889	6667	6581	6740	6891	6979	35- 40	2401	12036	56.2,56.2
45	6103	5736	5521	5326	5255	5487	5690	5901	40- 45	2334	14370	67.1,67.1
50	4498	4363	4153	3825	3888	4032	4489	4557	45- 50	2001	16371	76.4,76.4
55	3105	3062	3113	2876	2561	2887	3354	3300	50- 55	1550	17920	83.6,83.6
60	2115	2092	2073	2030	1857	2045	2220	2301	55- 60	1170	19090	89.1,89.1
65	1465	1494	1512	1308	1256	1481	1648	1500	60- 65	849.9	19940	93.1,93.1
70	961.9	1044	951.1	886.3	862.9	1061	1077	999.6	65- 70	612.4	20552	95.9,95.9
75	610.5	661.9	668.0	610.5	545.0	695.0	783.0	729.8	70- 75	427.2	20980	97.9,97.9
80	295.1	332.2	384.8	291.0	234.3	405.2	489.2	449.7	75- 80	275.1	21255	99.2,99.2
85	46.13	104.2	194.0	76.70	26.15	174.5	258.1	199.0	80- 85	132.4	21387	99.8,99.8
90	1.693	4.071	3.083	5.151	2.672	8.484	26.90	14.99	85- 90	39.26	21426	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	26462	111270
80	84972	110807
75	117931	129045
70	140621	139048
65	173359	178920
60	211478	207346
55	270697	271368
50	349912	323010
45	431531	390393

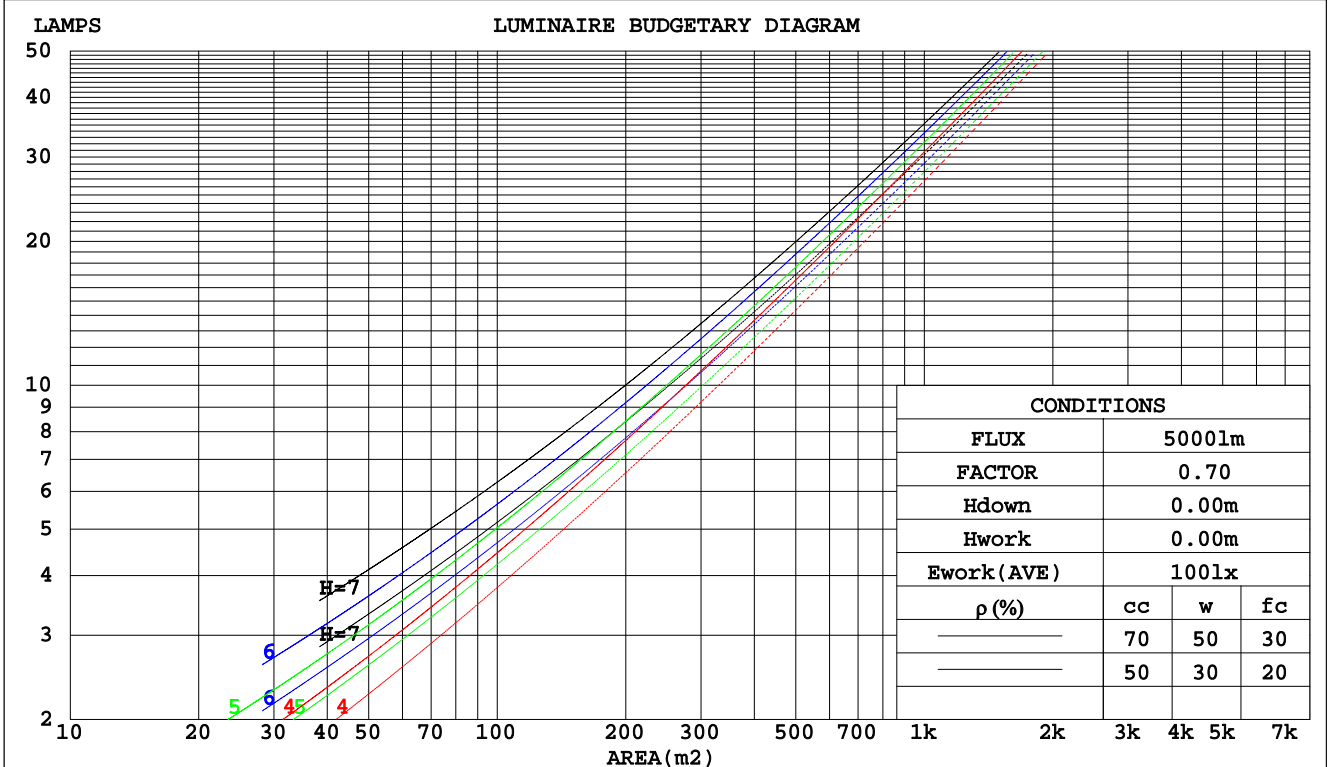
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	1.06	1.03	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.83	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.75	.70	.78	.73	.69	.75	.71	.68	.66
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.65	.60	.68	.63	.59	.57
5.0	.69	.60	.54	.67	.60	.54	.65	.59	.53	.64	.58	.53	.62	.57	.52	.50
6.0	.62	.54	.48	.61	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.38	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.33
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.41	.35	.31	.30



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	.260	.148	.047	.253	.144	.046	.240	.138	.044	.228	.132	.042	.217	.126	.041	
2.0	.250	.137	.042	.244	.135	.041	.233	.130	.040	.223	.125	.039	.213	.120	.038	
3.0	.236	.126	.038	.231	.124	.037	.221	.120	.036	.212	.116	.036	.203	.113	.035	
4.0	.222	.115	.034	.217	.114	.034	.208	.110	.033	.200	.108	.032	.193	.105	.032	
5.0	.208	.106	.031	.204	.105	.030	.196	.102	.030	.189	.100	.030	.182	.097	.029	
6.0	.195	.098	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.184	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.163	.085	.025	
8.0	.173	.084	.024	.170	.084	.024	.164	.082	.023	.159	.081	.023	.154	.079	.023	
9.0	.163	.079	.022	.161	.078	.022	.156	.077	.022	.151	.076	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.148	.072	.020	.143	.071	.020	.139	.070	.020	

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	.177	.157	.138	.151	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.056	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.135	.098	.069	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.112	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.124	.068	.030	.106	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.026	.102	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.113	.059	.023	.097	.051	.020	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	31.9	33.3	32.2	33.5	33.7	31.9	33.3	32.2	33.5	33.7
3H	32.4	33.7	32.7	33.9	34.1	32.5	33.8	32.8	34.0	34.2
4H	32.6	33.7	32.9	34.0	34.2	32.7	33.9	33.0	34.2	34.4
6H	32.6	33.7	32.9	34.0	34.3	32.9	34.0	33.2	34.3	34.6
8H	32.6	33.7	32.9	34.0	34.2	33.0	34.0	33.3	34.3	34.6
12H	32.6	33.6	32.9	33.9	34.2	33.0	34.0	33.3	34.3	34.6
4H 2H	32.1	33.3	32.4	33.6	33.8	32.1	33.3	32.4	33.6	33.8
3H	32.8	33.8	33.1	34.1	34.4	32.9	33.9	33.2	34.2	34.5
4H	33.0	33.9	33.4	34.3	34.6	33.2	34.2	33.6	34.5	34.8
6H	33.2	34.0	33.5	34.3	34.7	33.5	34.3	33.9	34.7	35.0
8H	33.2	33.9	33.6	34.3	34.7	33.6	34.4	34.0	34.7	35.1
12H	33.1	33.8	33.5	34.2	34.6	33.7	34.4	34.1	34.8	35.2
8H 4H	33.1	33.9	33.5	34.2	34.6	33.3	34.1	33.7	34.4	34.8
6H	33.3	33.9	33.7	34.3	34.8	33.7	34.3	34.1	34.7	35.1
8H	33.3	33.9	33.8	34.3	34.8	33.8	34.4	34.3	34.8	35.3
12H	33.3	33.8	33.8	34.2	34.7	34.0	34.5	34.5	34.9	35.4
12H 4H	33.1	33.8	33.5	34.2	34.6	33.3	34.0	33.7	34.4	34.8
6H	33.3	33.9	33.8	34.3	34.7	33.7	34.2	34.1	34.6	35.1
8H	33.3	33.8	33.8	34.3	34.7	33.8	34.3	34.3	34.8	35.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.7					+ 0.6 / - 0.6				
1.5H	+ 0.6 / - 0.5					+ 0.3 / - 0.4				
2.0H	+ 1.8 / - 1.5					+ 1.2 / - 1.0				

CIE Pub.117 Corrected 21426 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	64	54	47	63	53	47	62	53	47	41
0.80	74	64	57	73	64	57	72	63	57	51
1.00	82	73	67	81	72	66	79	73	66	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	85	80	92	85	79	89	83	78	71
2.00	100	92	87	98	91	86	95	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
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:2017-03-16

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

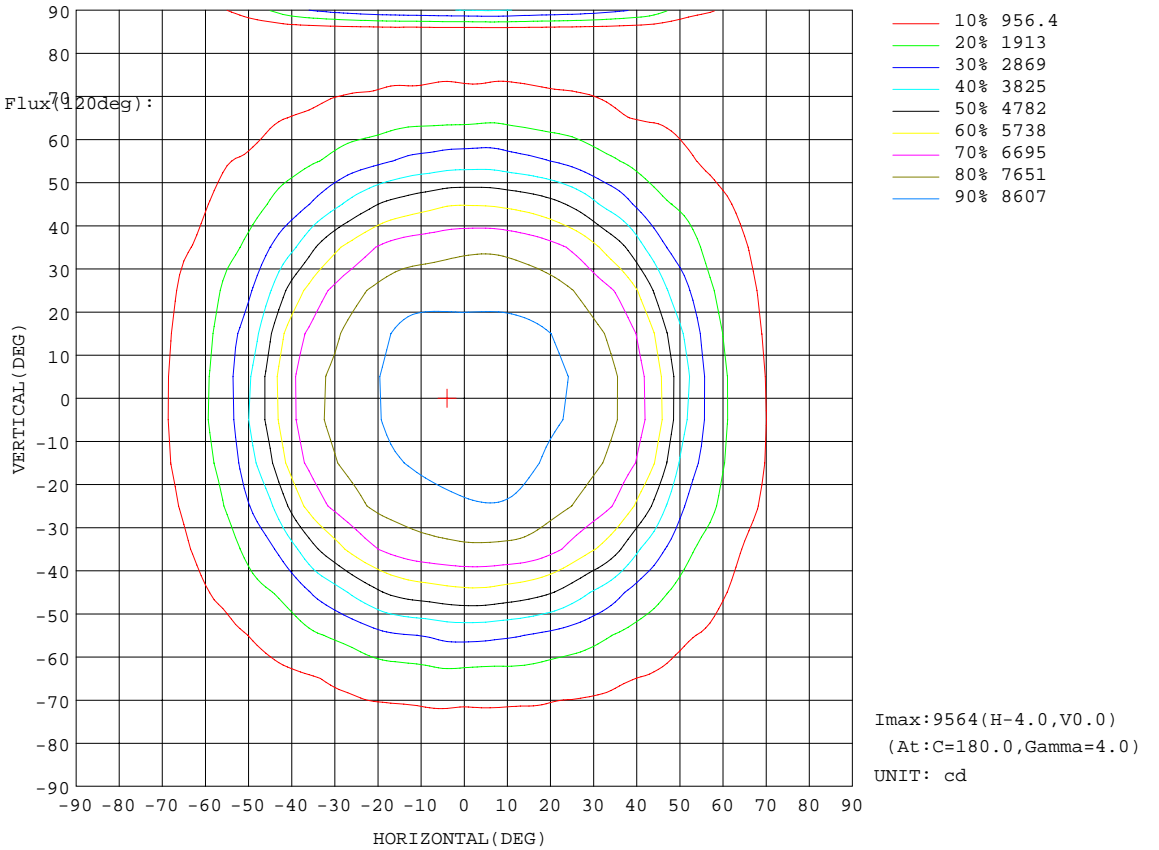
Test:U:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

14370 lm
%lum = 67.1%
%lamp = 67.1%

Conical surface Flux(70deg):

19090 lm
%lum = 89.1%
%lamp = 89.1%



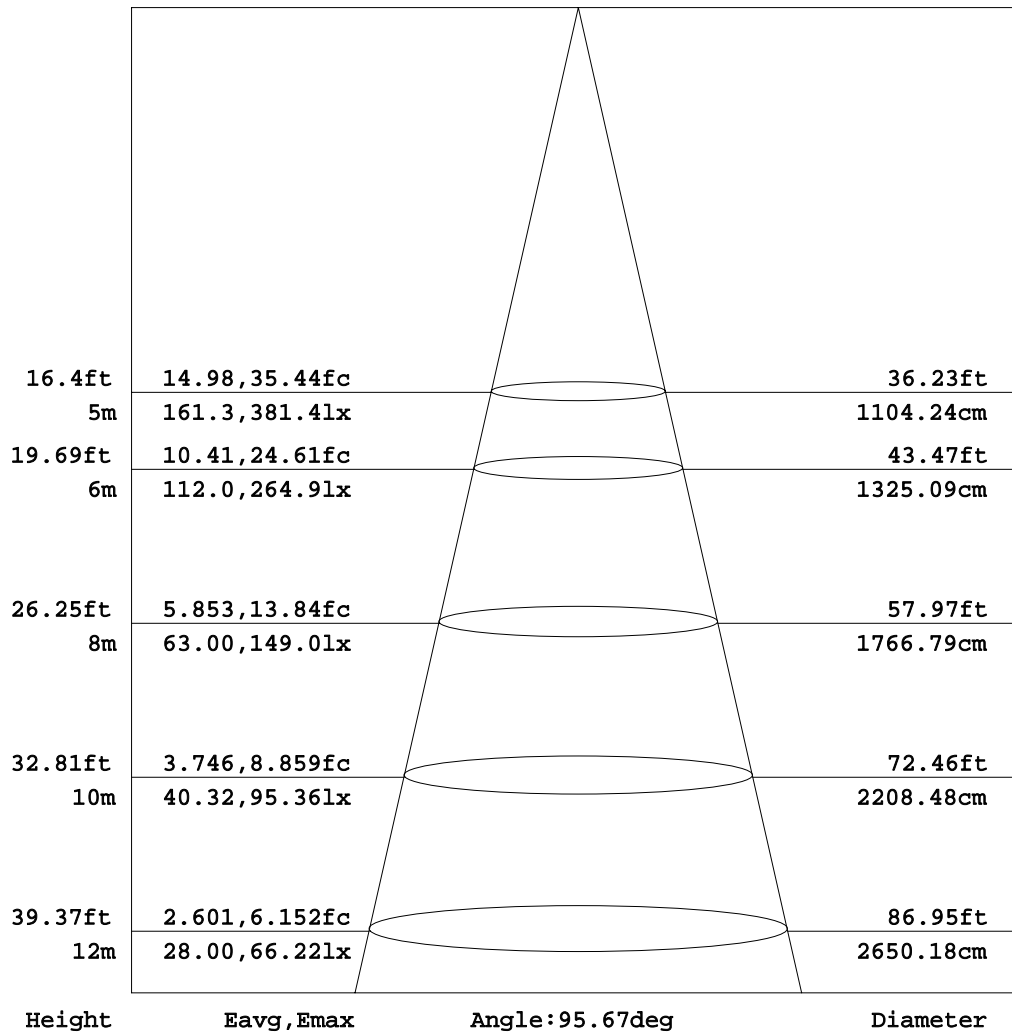
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: CHEN YU
Test Date: 2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:15624 lm



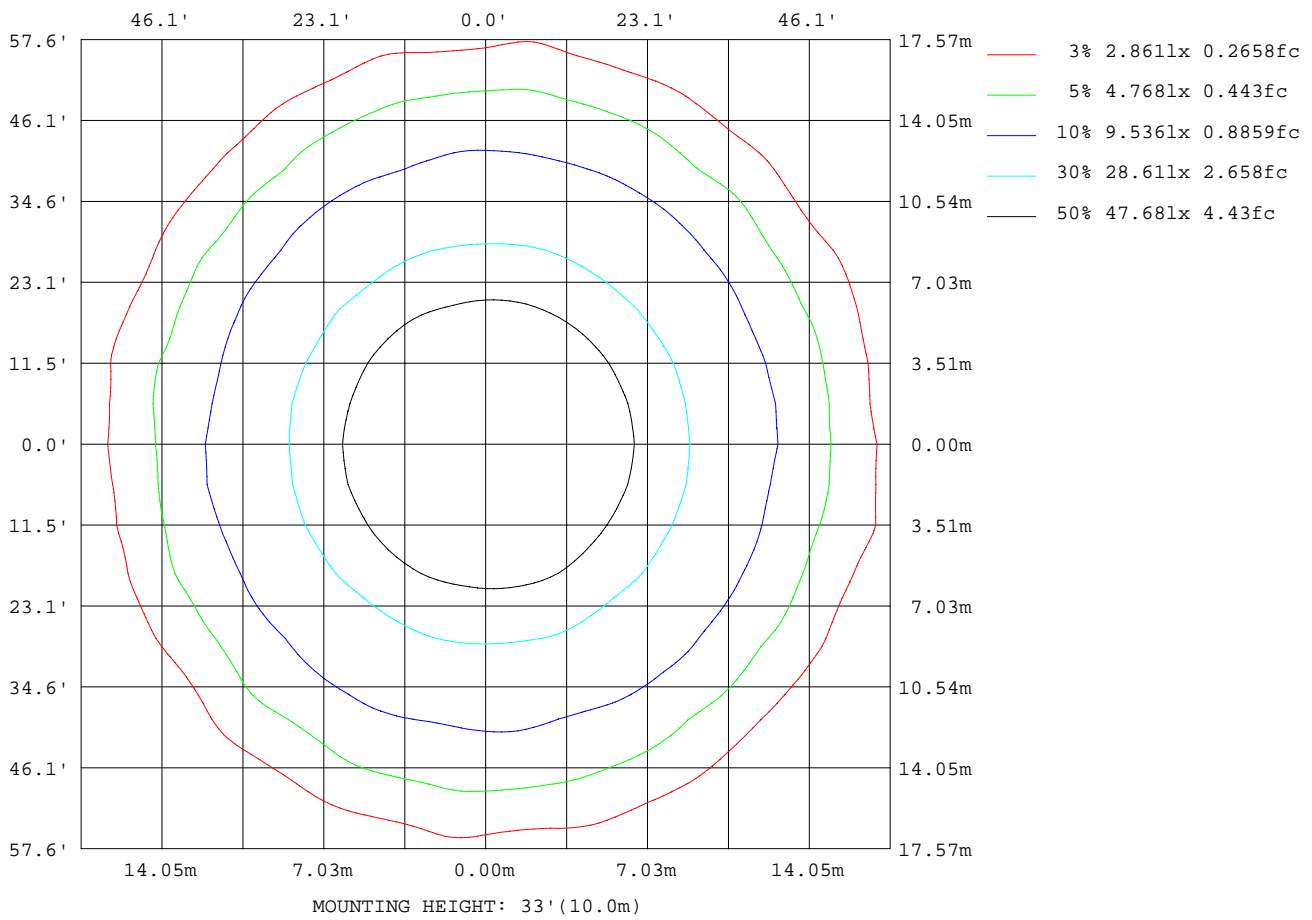
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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

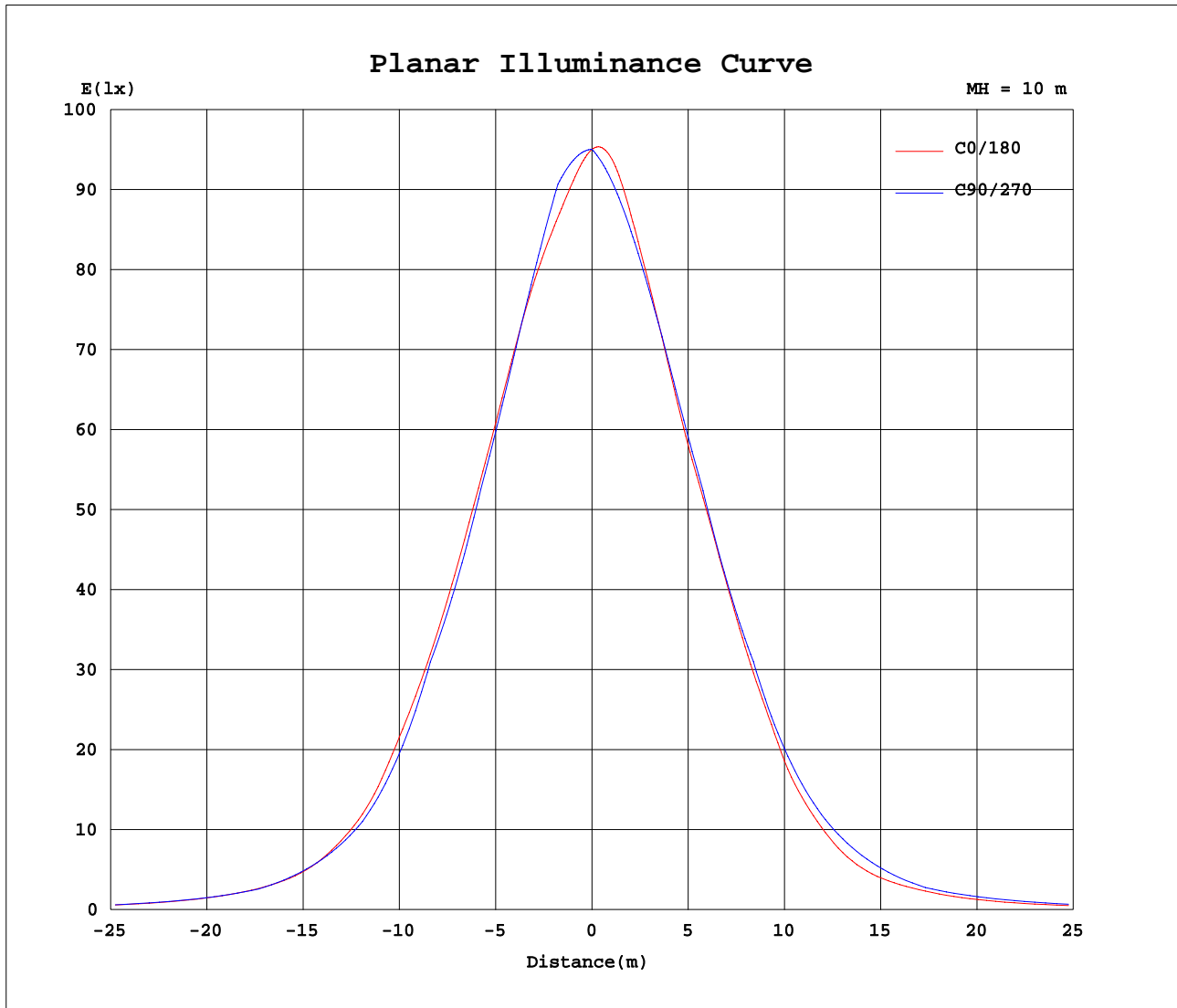
Test:U:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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: 2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504
5	9499	9500	9498	9496	9494	9491	9489	9488	9487	9489	9492	9496	9502	9509	9519	9529	9541	9553	9540
10	9469	9438	9403	9367	9333	9305	9282	9266	9255	9248	9245	9246	9250	9257	9268	9283	9303	9328	9328
15	9133	9095	9058	9024	8996	8975	8962	8956	8958	8962	8952	8943	8934	8930	8932	8940	8955	8977	8983
20	8796	8756	8723	8692	8665	8646	8632	8628	8630	8638	8645	8649	8630	8610	8599	8595	8602	8621	8610
25	8412	8373	8352	8339	8329	8318	8321	8350	8364	8362	8340	8314	8299	8287	8258	8235	8221	8220	8225
30	8030	7997	7997	8006	8001	7982	7979	7995	8014	8024	7957	7913	7914	7951	7947	7915	7909	7925	7876
35	7462	7449	7445	7459	7475	7501	7542	7475	7409	7370	7373	7390	7367	7379	7433	7396	7386	7417	7374
40	6898	6874	6811	6756	6695	6648	6609	6592	6667	6657	6611	6602	6664	6621	6608	6590	6549	6581	6577
45	5482	5471	5523	5584	5616	5610	5531	5362	5326	5461	5558	5397	5396	5370	5262	5261	5195	5255	5257
50	4037	3997	4111	4202	4222	4152	4104	3986	3825	3884	3883	3788	3729	3730	3780	3899	3874	3888	3727
55	3101	3009	3031	3074	3008	2846	2834	2913	2876	2691	2650	2649	2693	2717	2607	2584	2527	2561	2651
60	2182	2053	2022	2097	2117	2045	2046	2105	2030	1866	1881	1925	1852	1850	1820	1837	1874	1857	1804
65	1575	1503	1464	1482	1481	1385	1325	1315	1308	1272	1284	1242	1168	1277	1278	1224	1231	1256	1311
70	979	1002	1000	1017	1034	984	919	880	886	854	825	858	834	836	853	868	877	863	839
75	697	703	688	683	674	634	571	580	611	563	551	586	546	538	541	534	524	545	554
80	418	416	399	382	360	335	306	299	291	279	271	246	247	231	229	225	222	234	241
85	211	208	198	185	167	149	131	106	76.7	47.0	30.9	23.4	41.8	38.3	25.8	26.8	24.5	26.1	31.3
90	2.94	2.88	3.07	3.61	4.02	4.44	4.84	5.10	5.15	5.40	5.54	5.58	6.57	7.13	7.68	7.59	4.67	2.67	4.47

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504
5	9528	9515	9503	9491	9479	9466	9452	9437	9422	9406	9389	9373	9355	9337	9321	9304	9289	9275	9262
10	9331	9337	9346	9355	9361	9365	9363	9357	9342	9322	9295	9261	9224	9184	9144	9107	9075	9049	9030
15	8997	9022	9056	9100	9151	9201	9246	9232	9195	9151	9102	9052	9002	8955	8913	8879	8857	8847	8843
20	8612	8626	8654	8699	8756	8791	8825	8849	8853	8838	8804	8761	8717	8677	8649	8634	8639	8661	8688
25	8245	8278	8319	8330	8334	8362	8409	8462	8503	8487	8448	8399	8353	8324	8316	8326	8350	8380	8410
30	7850	7857	7880	7891	7916	7958	8009	8011	8023	8034	8027	7994	7949	7932	7953	8007	8062	8094	8113
35	7369	7386	7318	7293	7342	7382	7401	7434	7487	7542	7511	7472	7421	7390	7399	7434	7476	7521	7561
40	6632	6631	6603	6619	6584	6616	6701	6740	6644	6654	6724	6775	6799	6811	6833	6862	6891	6944	6986
45	5409	5378	5476	5478	5416	5598	5560	5487	5470	5587	5712	5721	5654	5613	5626	5689	5690	5700	5745
50	3661	3672	3759	3839	3929	3956	3973	4032	4180	4233	4286	4308	4235	4236	4330	4498	4489	4431	4428
55	2735	2691	2647	2719	2797	2803	2766	2887	2925	2954	3048	3117	3164	3235	3259	3329	3354	3405	3390
60	1829	1921	1910	1856	1902	1984	2017	2045	2089	2161	2228	2207	2258	2362	2253	2169	2220	2394	2367
65	1239	1183	1290	1335	1295	1275	1414	1481	1466	1526	1572	1552	1605	1690	1659	1644	1648	1719	1729
70	850	883	852	863	973	931	994	1061	1047	1090	1118	1097	1101	1080	1081	1132	1077	1048	1144
75	553	571	609	581	631	656	664	695	713	728	754	763	778	774	765	833	783	779	838
80	266	286	290	333	335	363	392	405	432	443	469	485	504	510	469	537	489	516	544
85	39.9	47.5	73.2	75.9	81.9	117	156	175	198	212	231	245	258	265	244	281	258	273	286
90	6.58	7.37	7.87	8.37	8.96	9.56	9.15	8.48	7.89	9.84	12.5	15.0	17.6	20.3	22.8	24.3	26.9	28.7	29.7

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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:221.0V I:0.7125A P:153.4W PF:0.9741 Lamp Flux:21426.4x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:YHL-ID-150-HB-VE	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170316
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	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504	9504				
5	9251	9241	9232	9225	9220	9217	9215	9214	9215	9218	9222	9227	9234	9243	9253				
10	9015	9007	9002	9003	9006	9012	9018	9024	9030	9035	9039	9043	9048	9052	9057				
15	8845	8852	8864	8880	8901	8928	8959	8987	8991	8991	8987	8981	8974	8969	8966				
20	8712	8732	8749	8764	8782	8803	8826	8849	8872	8896	8880	8859	8844	8835	8834				
25	8439	8466	8492	8523	8562	8598	8602	8602	8601	8608	8626	8625	8597	8581	8579				
30	8123	8125	8122	8129	8153	8184	8216	8252	8230	8206	8206	8231	8235	8227	8243				
35	7581	7587	7600	7638	7689	7674	7652	7649	7674	7705	7694	7715	7766	7751	7760				
40	6978	6951	6932	6919	6924	6936	6979	6973	6961	7004	7079	7051	7053	7052	7048				
45	5790	5863	5947	6037	6086	6011	5901	5939	6134	6074	6077	6152	6040	6041	6007				
50	4464	4535	4603	4641	4692	4668	4557	4551	4604	4542	4470	4482	4440	4428	4439				
55	3349	3364	3372	3285	3193	3234	3300	3199	3092	3090	3015	3124	3173	3154	3123				
60	2279	2278	2334	2347	2280	2271	2301	2192	2142	2244	2275	2203	2114	2071	2017				
65	1659	1601	1610	1597	1524	1498	1500	1479	1424	1504	1464	1415	1460	1524	1523				
70	1140	1108	1123	1139	1100	1010	1000	1067	1041	962	975	1013	998	961	941				
75	816	784	777	784	734	682	730	730	679	664	649	591	625	628	620				
80	523	514	503	501	466	451	450	423	401	371	365	352	326	316	293				
85	275	269	259	254	233	227	199	189	162	128	111	94.4	71.6	60.8	50.1				
90	29.5	27.2	24.0	21.0	18.1	16.0	15.0	14.7	13.9	12.7	11.2	9.24	8.00	6.98	5.31				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-16

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: