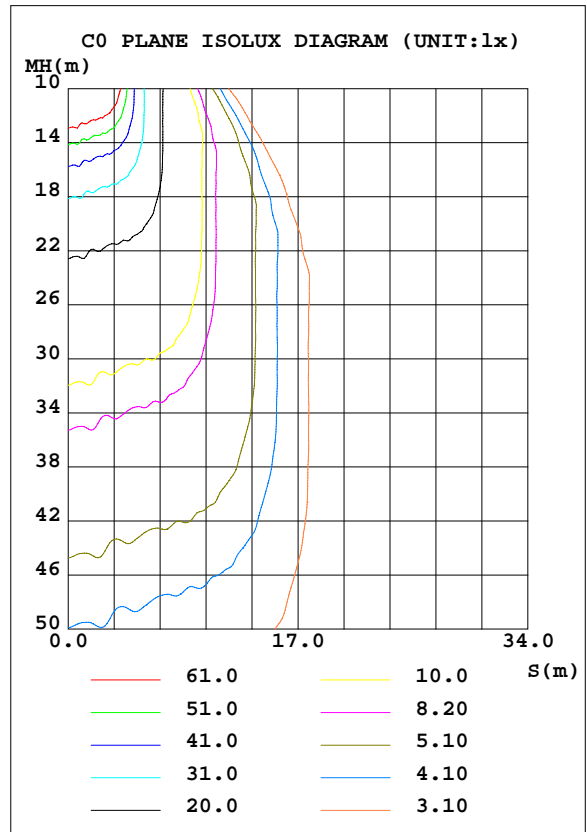
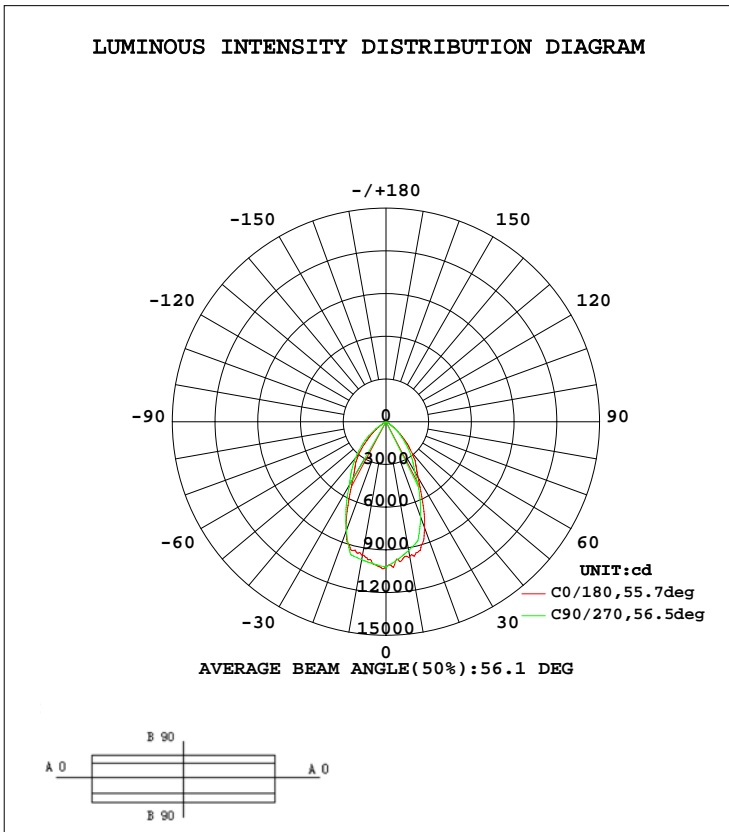


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.28 lm/W			
MODEL	QH-HBGKH-100W	I <sub>max</sub> (cd)	10326	S/MH(C0/180)	0.89
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.92
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10601	η UP, DN(C0-180)	0.0, 46.2
NOMINAL FLUX(lm)	10601.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 53.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220.1	η down(%)	100.0	CIBSE SHR MAX	0.90



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	970.6	964.9	969.3	976.5	1007	1005	1002	990.7	0- 5	239.0	239.0	2.25,2.25
10	963.6	895.3	917.7	908.0	950.2	976.2	983.8	961.6	5- 10	686.3	925.3	8.73,8.73
15	933.7	826.6	866.2	824.9	934.9	937.1	965.3	930.1	10- 15	1089	2014	19,19
20	791.2	738.7	711.4	722.0	817.5	864.3	814.1	848.8	15- 20	1385	3399	32.1,32.1
25	602.2	584.2	556.5	574.7	626.7	689.4	662.8	681.5	20- 25	1452	4851	45.8,45.8
30	452.3	448.4	401.6	447.3	465.9	525.3	511.6	516.7	25- 30	1353	6205	58.5,58.5
35	366.2	344.6	321.3	345.1	376.7	407.8	422.9	397.6	30- 35	1214	7419	70,70
40	282.2	257.5	240.9	267.0	297.7	315.6	334.1	310.9	35- 40	1085	8504	80.2,80.2
45	192.4	169.3	160.6	178.2	199.7	230.4	245.3	226.9	40- 45	887.5	9392	88.6,88.6
50	113.9	90.26	107.5	96.81	126.4	147.3	166.7	139.3	45- 50	638.2	10030	94.6,94.6
55	45.33	26.72	54.33	25.44	53.68	74.97	88.08	58.58	50- 55	385.6	10416	98.2,98.2
60	1.586	9.893	1.198	10.22	1.759	34.61	9.477	25.86	55- 60	152.3	10568	99.7,99.7
65	0.6817	2.468	0.8864	2.256	0.6916	8.733	6.432	6.556	60- 65	24.79	10593	99.9,99.9
70	0.4049	0.3934	0.5751	0.4052	0.4095	0.5337	3.387	0.5131	65- 70	4.922	10598	100,100
75	0.2294	0.2631	0.2639	0.2837	0.2407	0.3304	0.3426	0.3130	70- 75	2.405	10600	100,100
80	0.1157	0.1307	0	0.1533	0.1298	0.1371	0	0.1274	75- 80	1.009	10601	100,100
85	0.0432	0	0	0	0.0568	0	0	0	80- 85	0.2779	10601	100,100
90	0.0241	0	0	0	0.0400	0	0	0	85- 90	0.0521	10601	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			

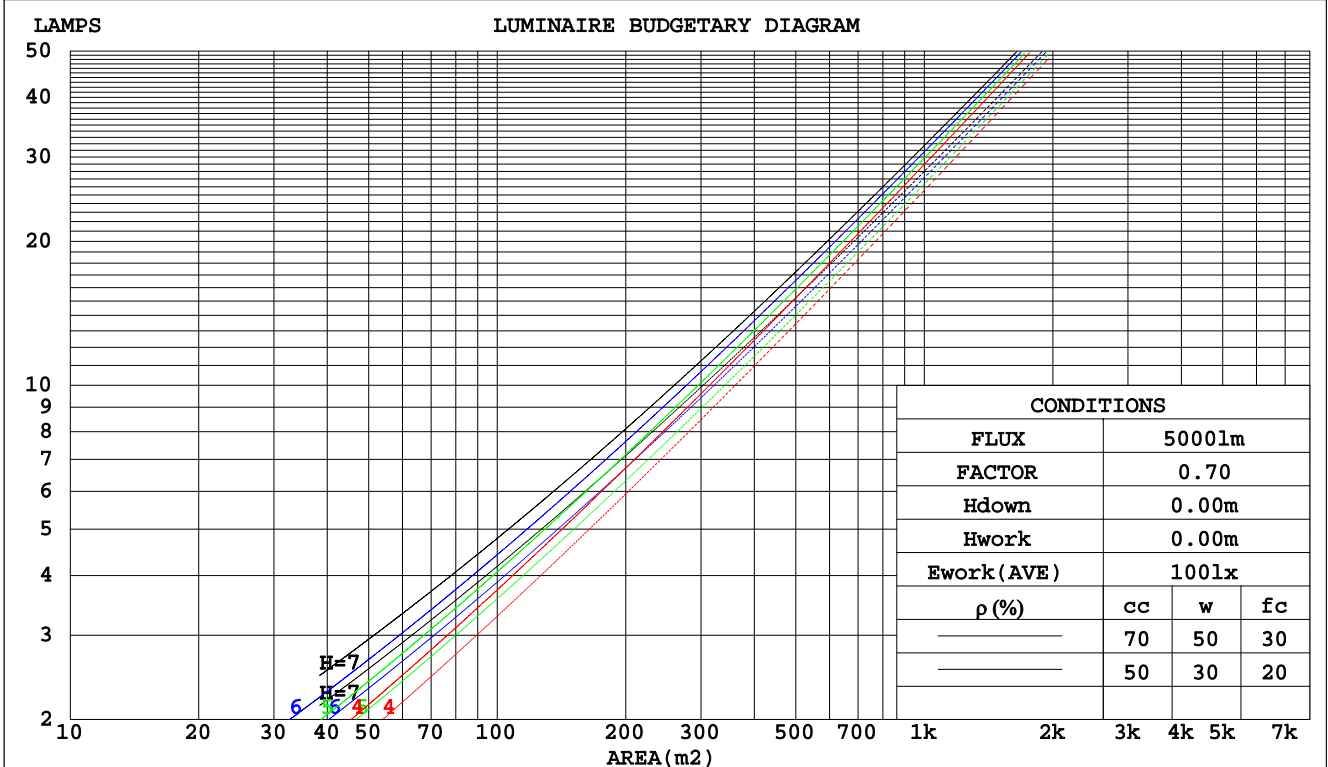
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	.00	.98	.97	.97	.95	.94	.92
2.0	1.01	.97	.93	.00	.96	.92	.96	.93	.90	.93	.91	.88	.90	.88	.86	.85
3.0	.93	.88	.84	.92	.87	.83	.89	.85	.82	.87	.83	.80	.85	.82	.79	.77
4.0	.86	.80	.76	.85	.80	.75	.83	.78	.74	.81	.77	.73	.79	.75	.72	.71
5.0	.80	.74	.69	.79	.73	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.66	.62	.69	.65	.61	.60
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.53	.49	.48
10.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

WEC AND CCEC

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	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	.193	.110	.035	.186	.106	.034	.173	.099	.032	.162	.093	.030	.151	.087	.028	
2.0	.187	.103	.031	.182	.100	.031	.171	.095	.030	.161	.090	.028	.152	.086	.027	
3.0	.180	.096	.029	.175	.094	.028	.166	.090	.027	.157	.086	.026	.149	.083	.026	
4.0	.172	.089	.026	.167	.088	.026	.159	.085	.025	.152	.082	.025	.145	.079	.024	
5.0	.164	.083	.024	.160	.082	.024	.153	.080	.023	.146	.077	.023	.140	.075	.023	
6.0	.156	.078	.022	.153	.077	.022	.147	.075	.022	.141	.073	.022	.135	.071	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.068	.020	
8.0	.142	.069	.020	.139	.069	.019	.134	.067	.019	.130	.066	.019	.125	.064	.019	
9.0	.136	.066	.018	.133	.065	.018	.129	.064	.018	.125	.062	.018	.121	.061	.018	
10.0	.130	.062	.017	.128	.062	.017	.124	.061	.017	.120	.059	.017	.116	.058	.017	

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	.172	.157	.144	.147	.135	.124	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.111	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.106	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.065	.034	.096	.057	.030	.066	.040	.021	.038	.024	.013	.012	.008	.004	
9.0	.106	.060	.030	.091	.052	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

UGR(Unified Glare Rating) Table

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm										
NAME: LED HIGH BAY LIGHT					TYPE:			WEIGHT:1.5		
SPEC.:PHILIPS 3030					DIM.:			SERIAL No.:		
MFR.: QINHAN LIGHTING					SUR.:			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	27.0	28.1	27.3	28.3	28.5	27.0	28.1	27.3	28.3	28.4
3H	26.9	27.8	27.1	28.0	28.2	26.8	27.8	27.1	28.0	28.2
4H	26.8	27.7	27.0	27.9	28.1	26.8	27.7	27.0	27.9	28.1
6H	26.7	27.5	27.0	27.8	28.0	26.7	27.5	27.0	27.8	28.0
8H	26.6	27.5	26.9	27.7	28.0	26.6	27.4	26.9	27.7	28.0
12H	26.6	27.4	26.9	27.6	27.9	26.6	27.4	26.9	27.6	27.9
4H 2H	26.8	27.7	27.1	28.0	28.2	26.8	27.7	27.1	27.9	28.2
3H	26.6	27.4	27.0	27.7	28.0	26.6	27.4	26.9	27.7	27.9
4H	26.5	27.2	26.9	27.5	27.9	26.5	27.2	26.9	27.5	27.8
6H	26.4	27.1	26.8	27.4	27.7	26.4	27.0	26.8	27.4	27.7
8H	26.4	27.0	26.8	27.3	27.7	26.4	26.9	26.8	27.3	27.7
12H	26.3	26.9	26.8	27.2	27.6	26.3	26.8	26.7	27.2	27.6
8H 4H	26.4	27.0	26.8	27.3	27.7	26.4	26.9	26.8	27.3	27.7
6H	26.3	26.8	26.7	27.2	27.6	26.3	26.7	26.7	27.1	27.6
8H	26.2	26.7	26.7	27.1	27.5	26.2	26.6	26.7	27.1	27.5
12H	26.2	26.5	26.7	27.0	27.5	26.2	26.5	26.6	27.0	27.4
12H 4H	26.3	26.9	26.8	27.2	27.6	26.3	26.8	26.7	27.2	27.6
6H	26.2	26.7	26.7	27.1	27.5	26.2	26.6	26.7	27.1	27.5
8H	26.2	26.5	26.7	27.0	27.5	26.2	26.5	26.6	27.0	27.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -13.9					+ 2.2 / - 5.9				
1.5H	+ 3.0 / - 6.3					+ 2.2 / - 3.4				
2.0H	+ 6.1 / -25.8					+ 4.7 / -26.1				

CIE Pub.117 Corrected 10601 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.2)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

UTILIZATION FACTORS TABLE

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	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	79	71	66	78	71	66	77	70	66	61
0.80	88	80	76	87	80	75	86	79	75	71
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	96	91	88	83
1.50	103	97	93	101	96	92	99	95	91	86
2.00	106	102	98	105	100	97	102	98	96	90
2.50	108	104	100	107	103	99	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	106	110	107	105	107	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
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:25.3DEG  
 Operators:  
 Test Date:2015-11-18

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

ISOCANDELA DIAGRAM

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

9391.8 lm

%lum = 88.6%

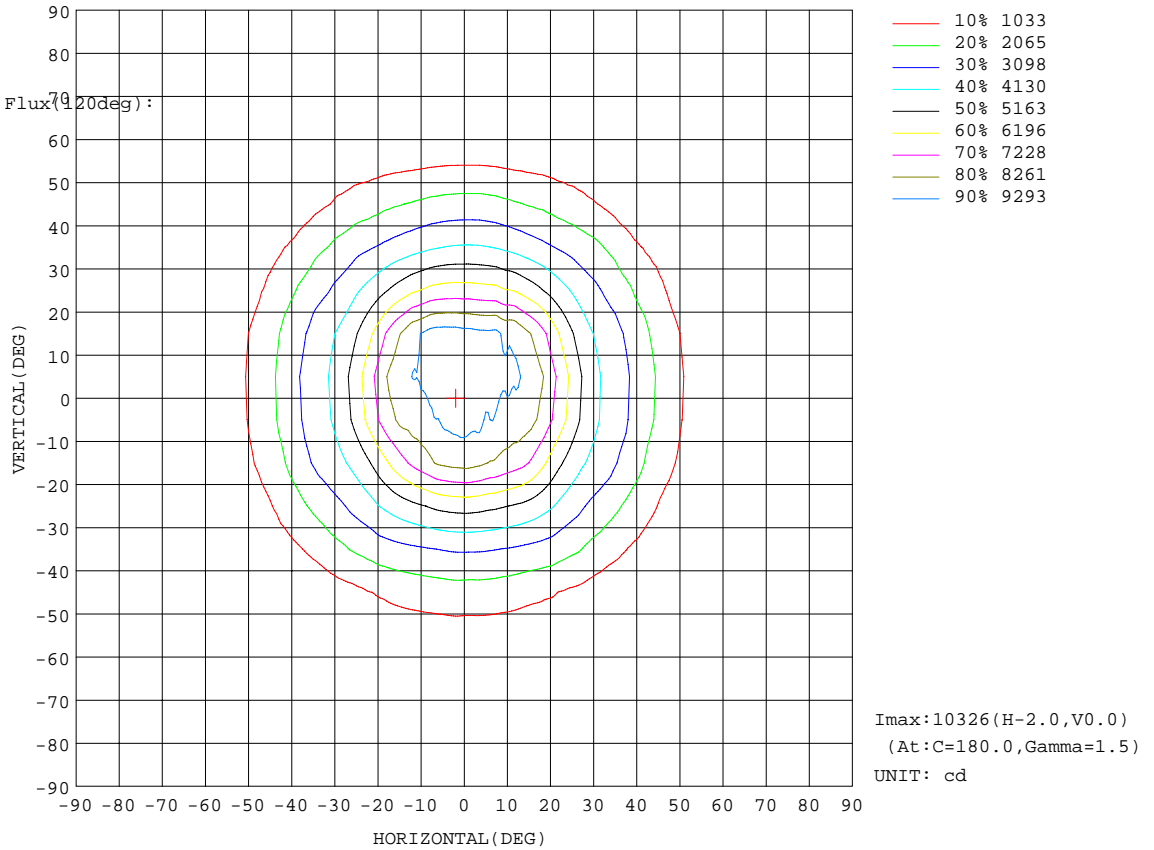
%lamp = 88.6%

Conical surface Flux(70deg):

10568 lm

%lum = 99.7%

%lamp = 99.7%

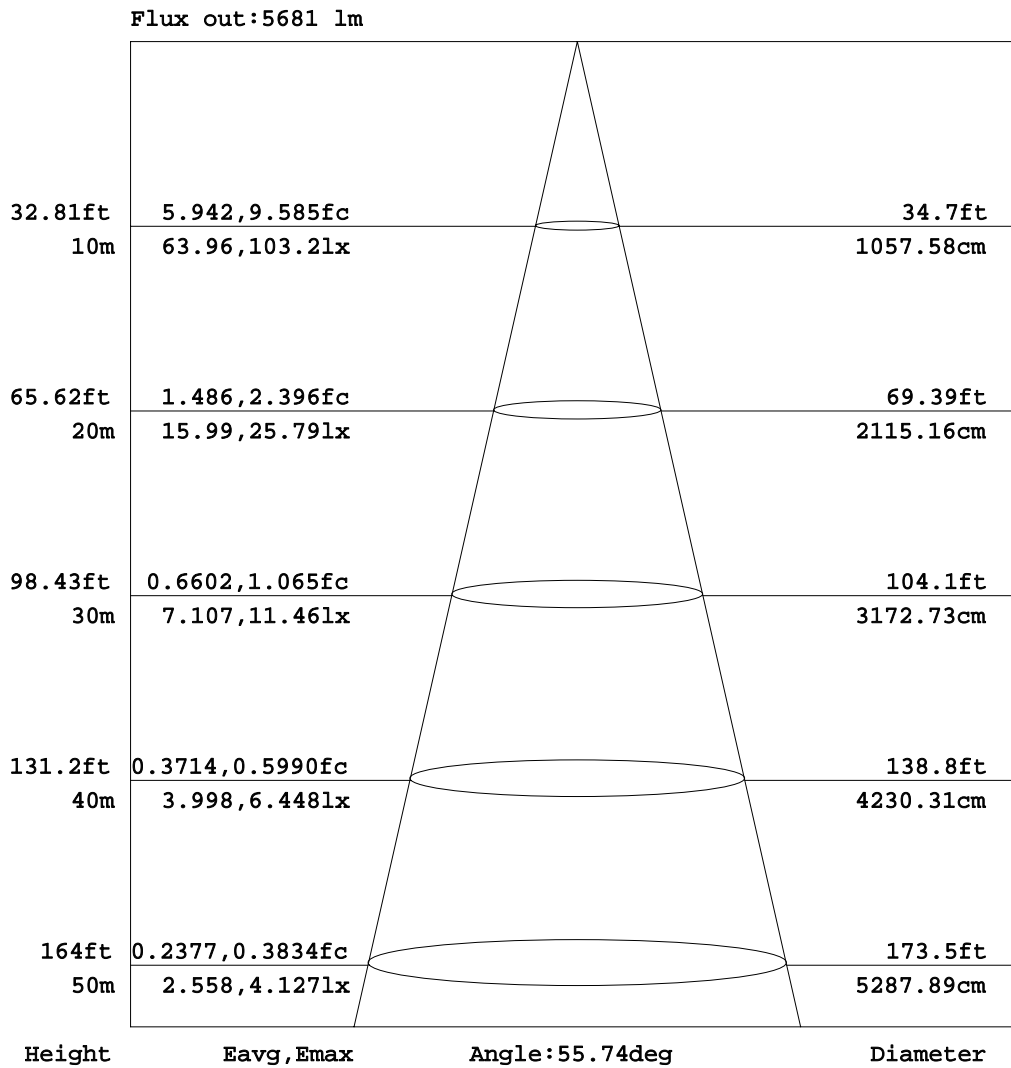


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2015-11-18

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.000m [K=1.0000]  
Remarks: 反光罩: 60度 PC罩: 透明

AAI Figure

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:



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

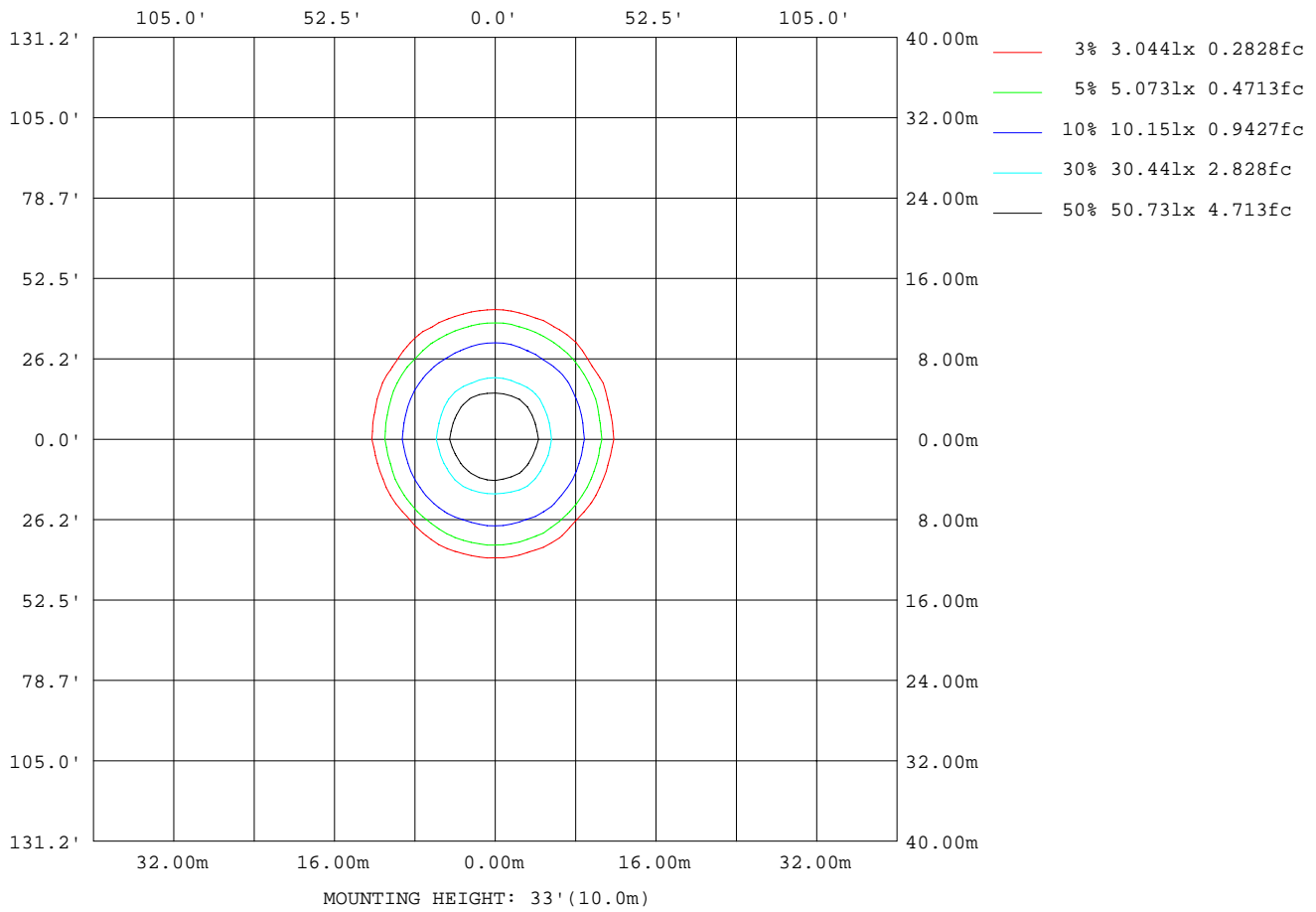
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明



ISOLUX DIAGRAM

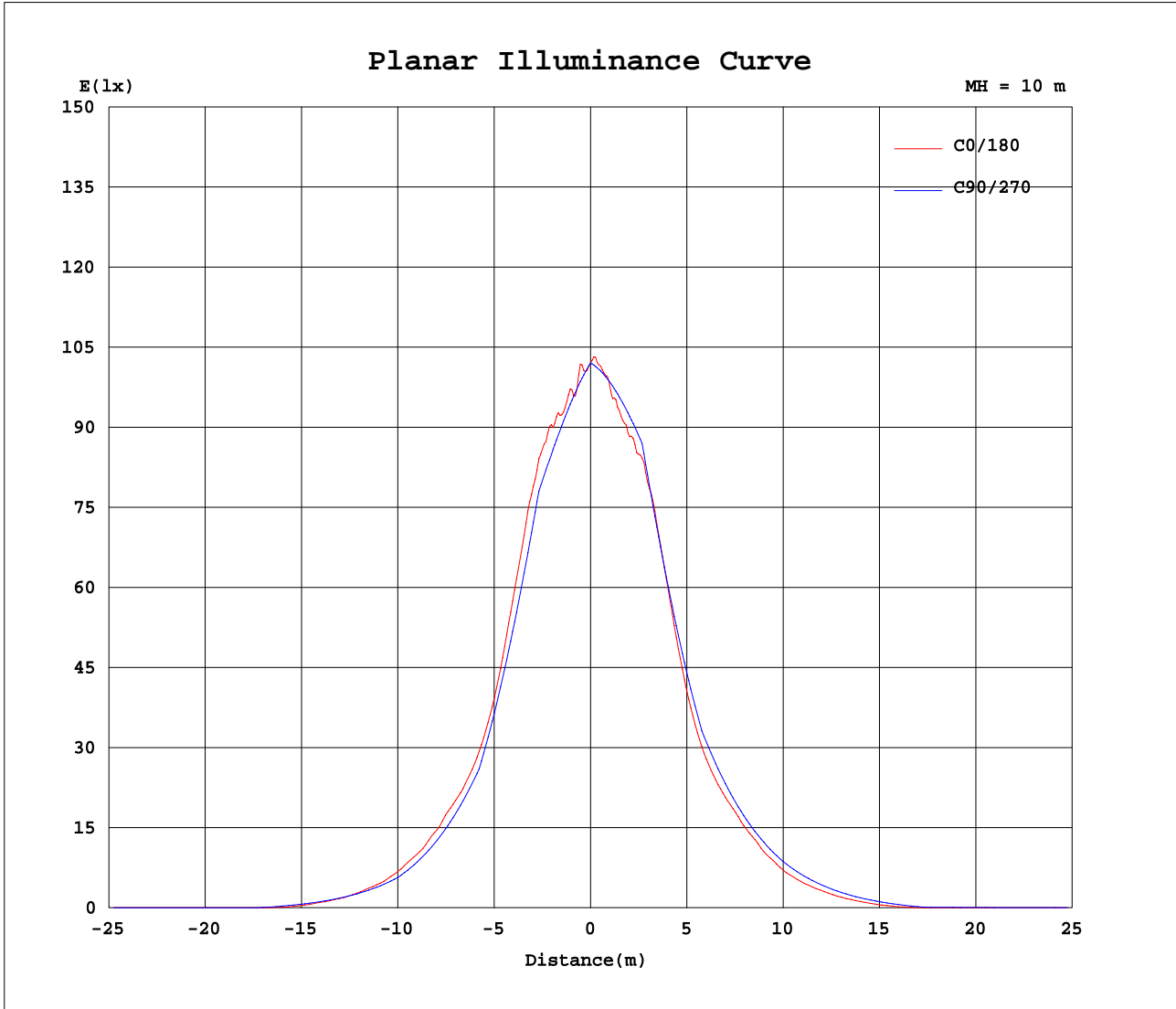
Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

C( DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
5	971	966	962	957	953	949	948	949	955	965	972	974	971	963	959	959	961	965	969
10	964	953	943	934	924	911	901	896	894	895	898	895	887	889	905	910	908	911	918
15	934	914	896	880	866	856	845	842	834	827	826	824	829	834	834	843	852	859	866
20	791	768	749	736	729	727	724	727	734	739	738	726	716	710	706	700	704	706	711
25	602	584	572	565	562	560	561	568	577	584	590	587	579	569	561	556	553	554	557
30	452	441	435	432	432	433	435	436	440	448	455	454	447	435	423	413	406	403	402
35	366	355	349	351	358	352	341	336	342	345	348	347	337	329	325	322	322	322	321
40	282	272	267	266	272	260	257	254	252	258	258	256	254	246	242	242	242	242	241
45	192	181	177	179	174	174	169	172	168	169	172	169	169	164	159	160	161	162	161
50	114	106	105	103	96.0	97.0	97.6	94.6	93.5	90.3	90.3	90.1	92.0	97.8	99.3	104	106	108	107
55	45.3	38.5	35.0	35.2	34.1	35.5	40.5	37.5	30.8	26.7	37.6	48.6	53.0	56.8	55.7	55.3	55.2	55.2	54.3
60	1.59	1.44	1.46	3.74	1.39	6.61	9.24	1.98	1.63	9.89	16.3	20.2	20.9	17.6	13.4	8.76	4.90	2.18	1.20
65	0.68	0.65	0.64	0.63	0.63	0.66	0.61	0.65	0.80	2.47	2.83	0.62	0.65	0.69	0.73	0.78	0.85	0.88	0.89
70	0.40	0.39	0.38	0.37	0.37	0.37	0.38	0.38	0.37	0.39	0.42	0.44	0.46	0.48	0.50	0.52	0.56	0.57	0.58
75	0.23	0.22	0.21	0.21	0.22	0.23	0.23	0.24	0.26	0.26	0.27	0.27	0.28	0.28	0.27	0.27	0.27	0.27	0.26
80	0.12	0.11	0.12	0.14	0.15	0.16	0.16	0.16	0.16	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.01	0.00	0.00
85	0.04	0.06	0.10	0.12	0.11	0.04	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
90	0.02	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:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	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	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
5	972	976	978	976	974	973	975	976	976	977	979	981	984	989	993	998	1002	1007	1006
10	920	919	916	916	914	915	911	905	908	908	906	909	911	916	923	931	941	950	950
15	863	862	860	857	852	845	834	827	825	823	830	835	839	855	874	893	914	935	926
20	710	713	715	720	718	718	722	725	722	719	718	721	729	739	750	768	790	818	803
25	556	559	563	564	567	572	575	577	575	570	565	564	565	569	576	587	604	627	614
30	403	406	411	419	430	440	448	450	447	439	436	434	436	438	440	445	453	466	460
35	322	320	320	322	327	334	345	345	345	345	341	346	355	361	361	363	367	377	374
40	242	240	240	243	248	254	256	261	267	262	263	266	273	285	281	279	285	298	293
45	163	161	161	164	167	171	171	176	178	178	180	180	183	186	191	189	190	200	197
50	109	106	106	105	100	95.7	87.6	96.1	96.8	98.3	101	105	103	105	112	114	116	126	124
55	55.3	55.3	56.9	58.2	57.9	53.7	49.9	41.0	25.4	31.8	40.7	46.0	40.9	38.9	42.8	45.0	44.8	53.7	50.6
60	2.18	4.92	9.08	13.9	18.2	20.6	22.1	17.0	10.2	1.92	2.17	10.3	6.06	1.49	5.40	1.64	1.70	1.76	1.82
65	0.88	0.85	0.78	0.73	0.69	0.65	0.62	2.69	2.26	0.83	0.70	0.63	0.69	0.65	0.65	0.65	0.66	0.69	0.70
70	0.57	0.56	0.52	0.50	0.48	0.46	0.45	0.43	0.41	0.38	0.40	0.40	0.39	0.38	0.38	0.38	0.40	0.41	0.42
75	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.28	0.28	0.27	0.26	0.25	0.24	0.23	0.23	0.23	0.24	0.24
80	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.19	0.20	0.20	0.19	0.18	0.16	0.13	0.12	0.13	0.13
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.16	0.13	0.07	0.06	0.06
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	0.04	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.4V I:0.4630A P:100.7W PF:0.9850 Lamp Flux:10601.3x1 lm		
NAME: LED HIGH BAY LIGHT	TYPE:	WEIGHT:1.5
SPEC.:PHILIPS 3030	DIM.:	SERIAL No.:
MFR.: QINHAN LIGHTING	SUR.:	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	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
5	1005	1004	1003	1002	1002	1002	1003	1005	1006	1007	1007	1008	1011	1012	1009	1005	1002	999	994
10	950	950	952	955	961	966	973	976	976	984	990	989	990	991	990	988	984	979	975
15	918	912	906	905	917	924	925	937	947	964	974	976	979	977	976	968	965	962	955
20	795	792	795	803	810	824	842	864	884	870	864	862	851	839	828	819	814	812	812
25	608	610	617	629	646	671	682	689	694	695	698	690	688	680	673	667	663	662	664
30	459	463	471	484	495	505	516	525	532	534	530	527	520	517	514	512	512	513	514
35	375	379	387	389	386	389	399	408	407	400	400	403	408	414	419	422	423	423	420
40	294	299	303	308	305	303	311	316	320	314	315	317	320	325	330	333	334	334	331
45	202	212	216	216	219	227	226	230	230	232	230	234	236	238	242	244	245	246	242
50	130	133	134	138	141	143	144	147	151	153	150	159	159	161	164	166	167	167	163
55	56.3	58.2	57.9	65.4	69.6	67.2	68.1	75.0	84.8	90.6	92.1	90.7	89.7	86.6	87.7	88.5	88.1	88.4	85.9
60	2.93	8.57	5.91	16.7	17.6	6.44	19.8	34.6	41.2	41.8	36.9	29.2	21.9	14.3	11.4	10.8	9.48	10.2	10.3
65	0.72	0.75	0.82	0.91	0.83	1.09	5.41	8.73	7.27	0.91	1.06	1.23	1.38	1.56	3.70	6.32	6.43	5.91	2.92
70	0.42	0.43	0.44	0.46	0.49	0.52	0.49	0.53	0.57	0.62	0.69	0.79	0.87	0.95	1.91	3.31	3.39	3.12	1.50
75	0.25	0.25	0.26	0.27	0.27	0.29	0.31	0.33	0.34	0.35	0.36	0.38	0.38	0.37	0.39	0.37	0.34	0.37	0.38
80	0.13	0.14	0.14	0.15	0.15	0.16	0.15	0.14	0.12	0.09	0.07	0.05	0.04	0.02	0.01	0.00	0.00	0.00	0.01
85	0.07	0.07	0.06	0.03	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
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:25.3DEG  
 Operators:  
 Test Date:2015-11-18

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: 反光罩: 60度 PC罩: 透明

