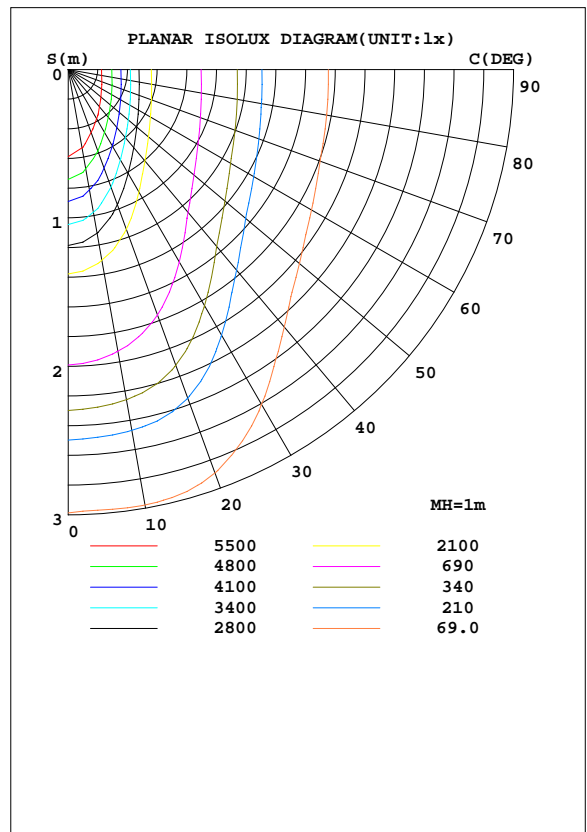
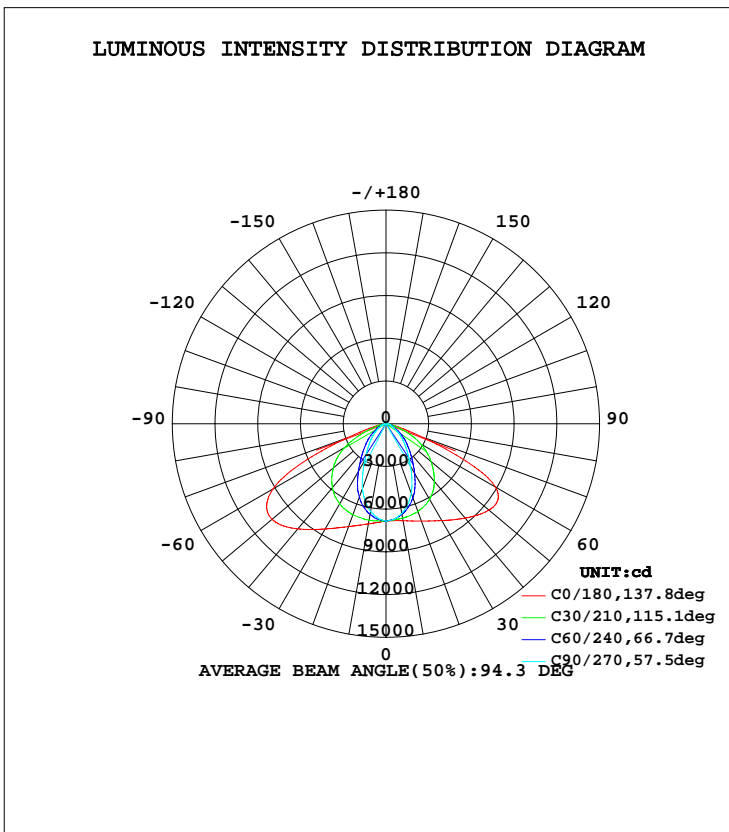


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.13 lm/W			
MODEL	NF2W757GRT-V1 192CS	I _{max} (cd)	10452	S/MH(C0/180)	1.90
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	0.89
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	17535	η UP, DN(C0-180)	0.0, 48.6
NOMINAL FLUX(lm)	17535.5	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 51.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.05



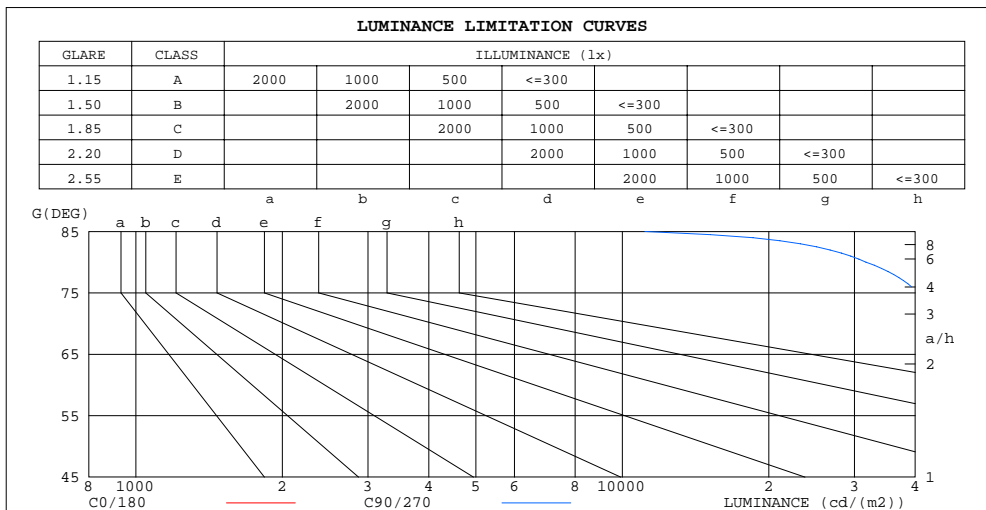
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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	696.0	678.9	664.4	670.2	683.1	674.3	671.4	684.4	0- 5	162.5	162.5	0.93,0.93
10	714.3	666.0	625.4	650.9	691.7	658.1	640.1	678.3	5- 10	480.0	642.5	3.66,3.66
15	738.4	644.4	564.1	625.1	707.2	635.0	589.0	664.9	10- 15	777.0	1420	8.1,8.1
20	768.8	611.5	484.7	587.4	727.6	601.3	520.5	641.9	15- 20	1040	2459	14,14
25	806.9	564.5	386.8	535.9	753.3	554.3	431.7	605.7	20- 25	1253	3712	21.2,21.2
30	853.4	503.4	296.6	471.1	785.4	494.1	343.9	555.0	25- 30	1409	5121	29.2,29.2
35	907.2	433.4	231.9	399.2	823.3	426.0	274.2	493.2	30- 35	1518	6640	37.9,37.9
40	964.0	362.5	180.6	329.4	865.0	357.8	217.1	425.7	35- 40	1596	8236	47,47
45	1016	301.5	142.8	269.8	907.4	297.1	173.6	362.8	40- 45	1647	9883	56.4,56.4
50	1045	244.0	108.6	216.5	944.0	241.7	135.1	301.8	45- 50	1665	11548	65.9,65.9
55	1023	192.1	79.06	168.9	954.0	191.7	101.1	245.0	50- 55	1631	13179	75.2,75.2
60	915.8	136.6	56.89	119.4	886.9	140.7	71.64	183.6	55- 60	1513	14691	83.8,83.8
65	647.4	88.71	42.81	77.62	618.1	94.98	54.59	123.9	60- 65	1259	15951	91,91
70	290.1	56.13	30.95	49.80	257.5	61.72	40.06	77.08	65- 70	833.3	16784	95.7,95.7
75	104.2	34.57	21.03	30.15	91.15	39.97	28.71	47.89	70- 75	428.4	17212	98.2,98.2
80	42.25	18.62	11.01	16.15	36.19	22.56	18.84	26.94	75- 80	209.0	17421	99.3,99.3
85	16.15	6.429	1.940	4.512	11.16	10.37	5.558	13.40	80- 85	97.99	17519	99.9,99.9
90	0.1970	0	0	0	0.3215	0	0	0	85- 90	16.08	17535	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			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	92654	11131
80	121657	31689
75	201282	40623
70	424057	45248
65	765936	50648
60	915840	56894
55	892195	68922
50	812481	84467
45	718245	100992

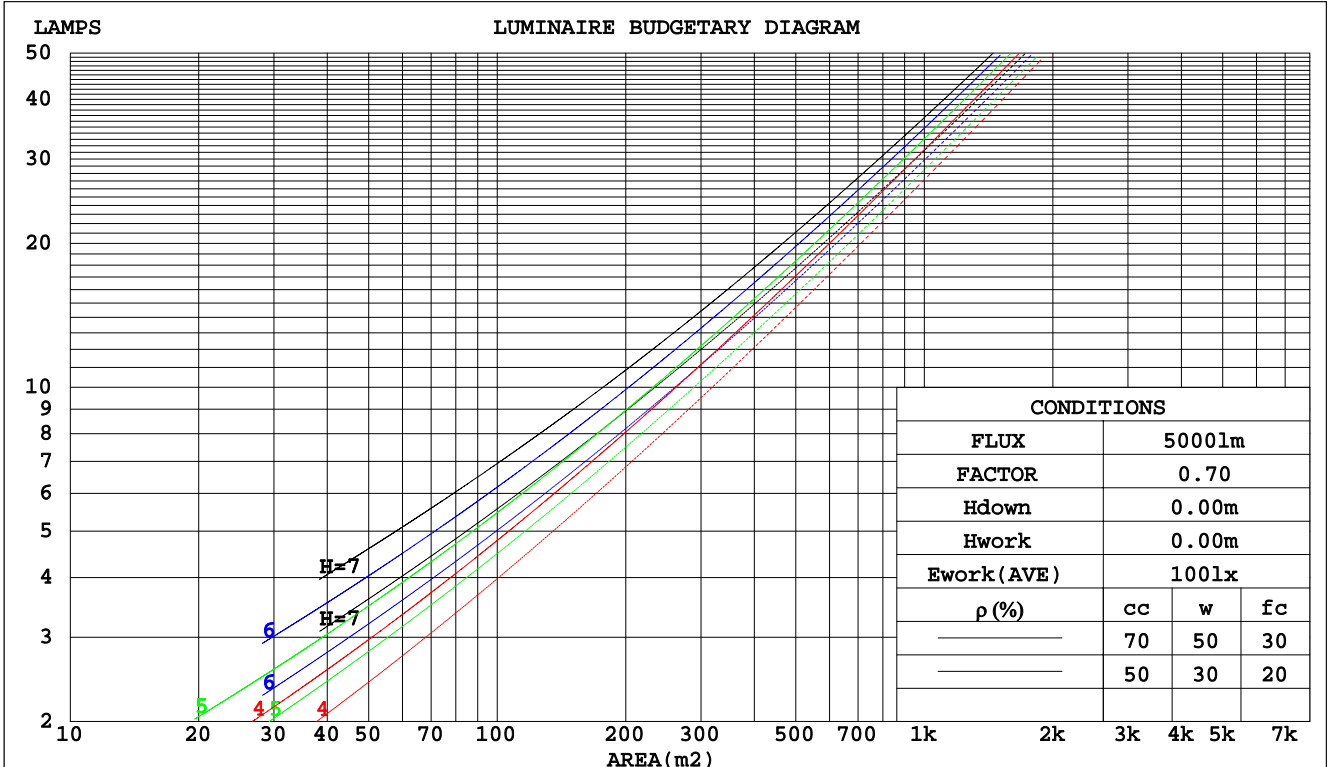
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
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	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.78	.75	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.61
4.0	.72	.64	.57	.71	.63	.57	.69	.62	.56	.66	.60	.55	.64	.59	.55	.53
5.0	.65	.56	.49	.64	.55	.49	.61	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.38	.32	.27	.26



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
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	.280	.159	.050	.273	.156	.049	.260	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.271	.149	.046	.265	.146	.045	.254	.141	.044	.243	.136	.043	.233	.132	.042	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.040	.231	.126	.039	.222	.123	.038	
4.0	.239	.124	.037	.234	.123	.036	.225	.119	.036	.217	.116	.035	.209	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.031	
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.190	.099	.029	.184	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023	
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.150	.074	.021	.145	.073	.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	.137	.153	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.145	.114	.087	.100	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.026	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
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	38.1	39.5	38.3	39.7	39.9	25.3	26.8	25.6	27.0	27.2
3H	39.3	40.6	39.6	40.9	41.1	25.7	27.1	26.0	27.3	27.5
4H	39.3	40.6	39.7	40.9	41.1	25.9	27.2	26.2	27.4	27.7
6H	39.3	40.5	39.6	40.8	41.1	26.0	27.2	26.3	27.4	27.7
8H	39.3	40.4	39.6	40.7	41.0	26.0	27.1	26.3	27.4	27.7
12H	39.2	40.4	39.6	40.6	40.9	25.9	27.0	26.3	27.3	27.6
4H 2H	37.8	39.1	38.1	39.3	39.6	27.6	28.9	27.9	29.1	29.4
3H	39.1	40.2	39.5	40.5	40.8	27.9	29.0	28.2	29.3	29.6
4H	39.2	40.2	39.6	40.6	40.9	28.0	29.0	28.4	29.4	29.7
6H	39.2	40.1	39.6	40.5	40.8	28.1	29.0	28.5	29.4	29.7
8H	39.2	40.1	39.6	40.4	40.8	28.1	29.0	28.5	29.3	29.7
12H	39.2	40.0	39.6	40.4	40.8	28.1	28.9	28.5	29.2	29.6
8H 4H	39.1	39.9	39.5	40.3	40.7	28.6	29.4	29.0	29.8	30.2
6H	39.1	39.8	39.6	40.2	40.7	28.7	29.4	29.2	29.8	30.3
8H	39.2	39.8	39.6	40.2	40.6	28.8	29.4	29.2	29.8	30.2
12H	39.2	39.7	39.6	40.1	40.6	28.8	29.3	29.2	29.7	30.2
12H 4H	39.1	39.8	39.5	40.2	40.6	28.6	29.4	29.1	29.8	30.2
6H	39.1	39.7	39.6	40.1	40.6	28.8	29.4	29.3	29.8	30.3
8H	39.1	39.6	39.6	40.1	40.6	28.9	29.4	29.3	29.8	30.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 1.1 / - 1.6				
1.5H	+ 1.2 / - 1.3					+ 0.8 / - 1.2				
2.0H	+ 2.6 / - 4.3					+ 1.5 / - 1.9				

CIE Pub.117 Corrected 17535 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
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	58	47	40	56	46	40	33
0.80	69	58	50	68	57	50	66	56	50	43
1.00	78	67	60	77	66	60	74	68	59	52
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	81	74	88	80	73	85	78	72	65
2.00	97	89	83	95	88	82	92	85	81	73
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	85
5.00	110	105	102	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:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

9882.8 lm

%lum = 56.4%

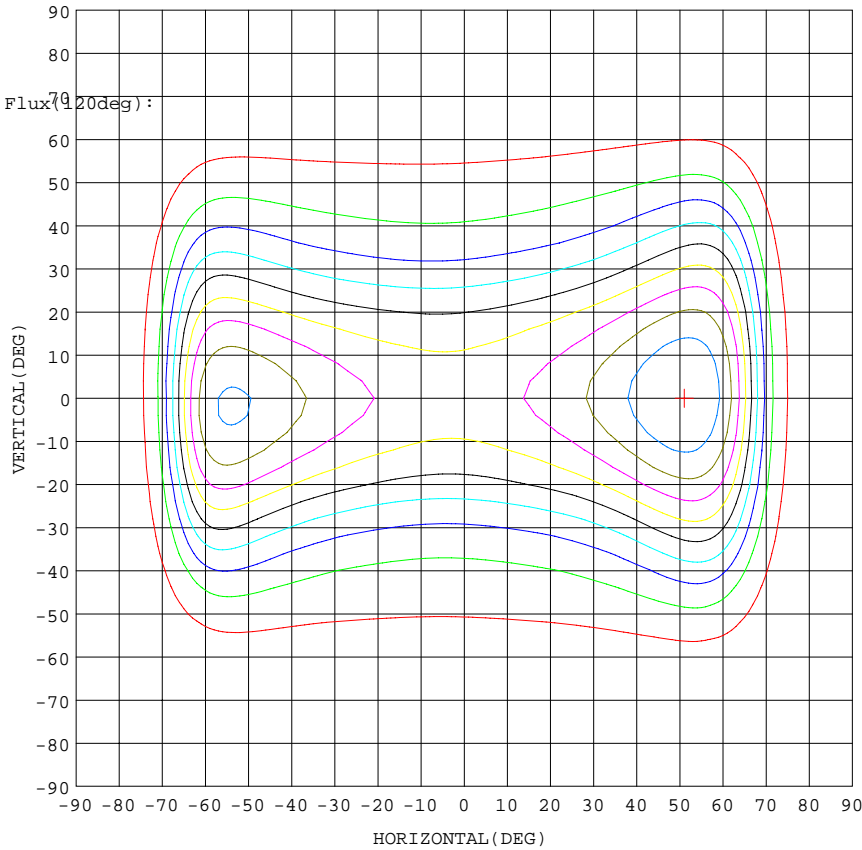
%lamp = 56.4%

Conical surface Flux(70deg):

14691 lm

%lum = 83.8%

%lamp = 83.8%



Imax:10452(H51.0,V0.0)
(At:C=0.0,Gamma=51.0)

UNIT: cd

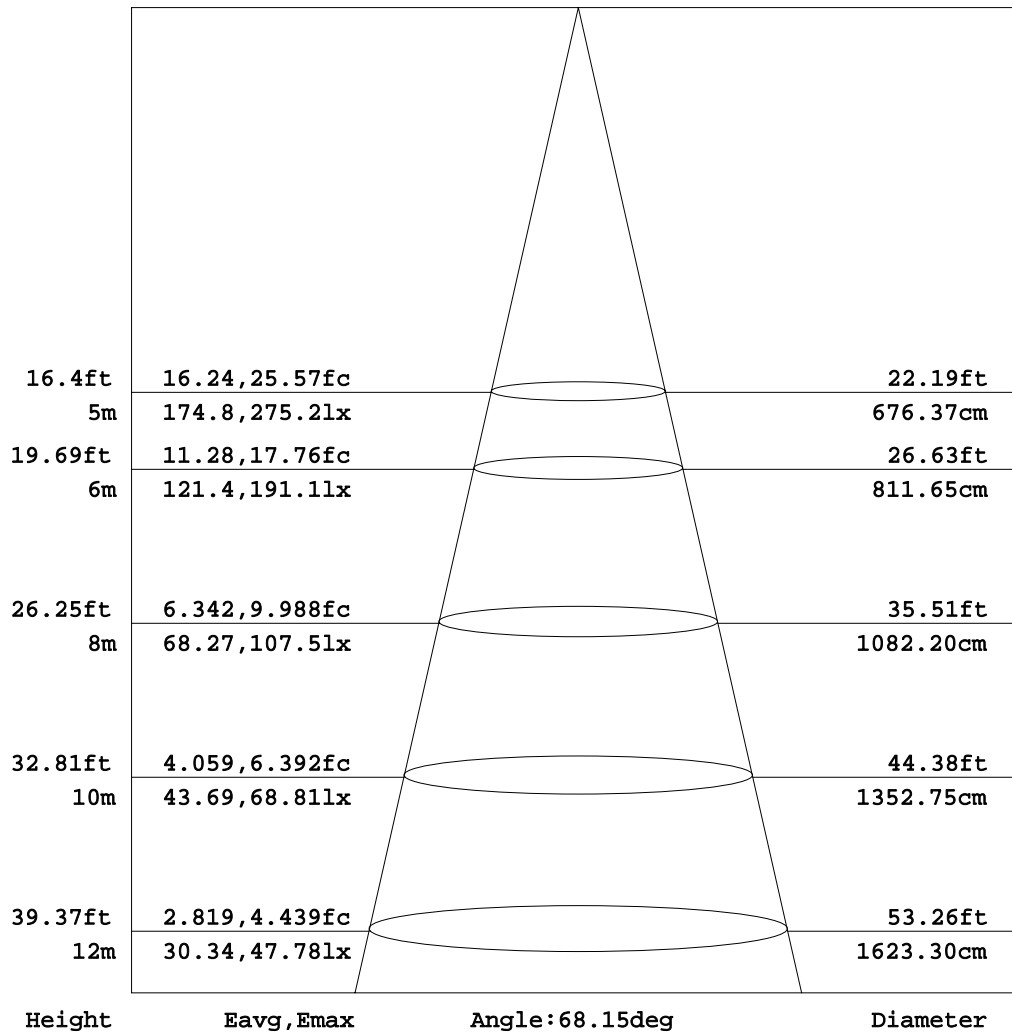
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:6484 lm



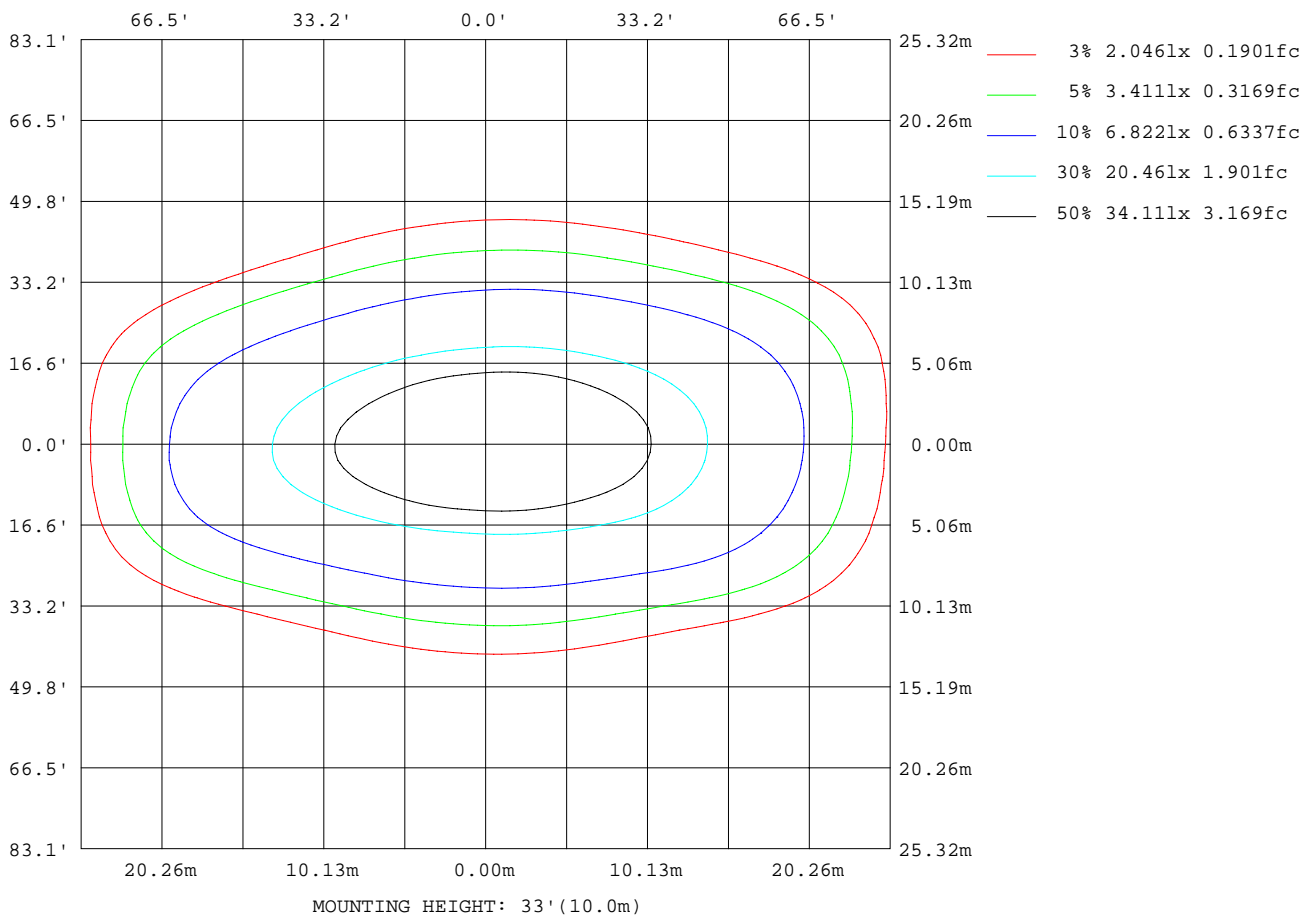
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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

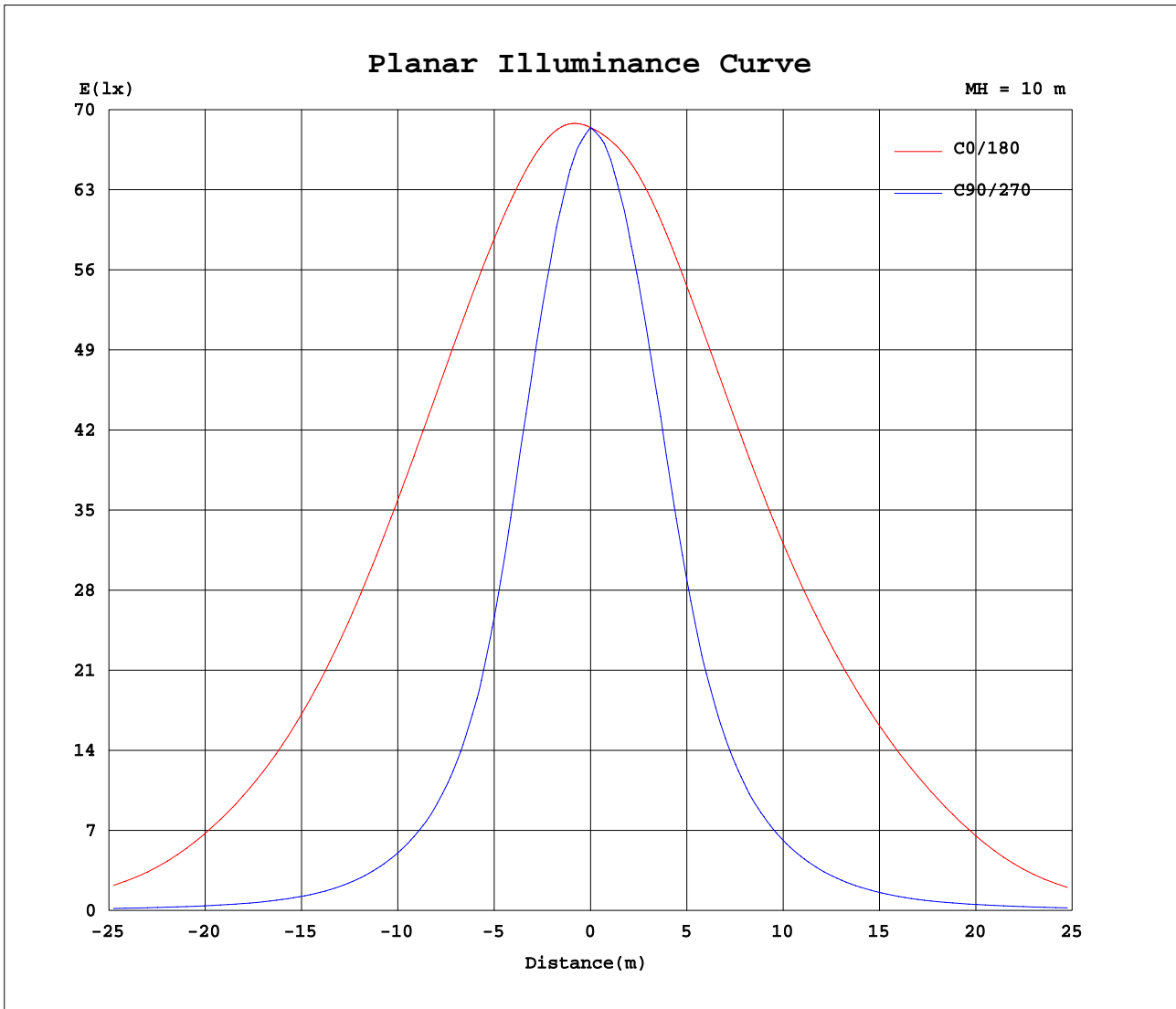
Test:U:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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: 2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	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	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684
5	696	694	693	691	689	687	685	683	681	679	677	675	673	671	669	667	666	665	664
10	714	711	707	703	699	694	687	681	674	666	659	652	646	641	636	632	629	627	625
15	738	733	727	720	710	698	685	672	659	644	630	617	605	595	586	578	571	567	564
20	769	761	752	739	721	701	680	656	634	612	590	568	548	531	516	504	495	488	485
25	807	797	783	761	734	702	668	634	599	564	533	502	473	449	428	411	399	391	387
30	853	841	820	786	746	699	650	600	552	503	460	422	389	362	340	322	309	301	297
35	907	892	860	815	756	691	623	555	490	433	384	341	311	287	267	252	242	235	232
40	964	945	902	838	761	675	585	501	426	363	315	277	249	228	211	199	189	183	181
45	1016	992	939	855	755	646	539	440	363	301	257	222	198	181	167	157	150	145	143
50	1045	1015	948	849	730	604	483	381	303	244	205	176	155	140	129	120	114	110	109
55	1023	988	913	806	676	541	418	316	243	192	157	132	115	102	93.4	86.8	82.8	80.2	79.1
60	916	878	804	702	580	453	336	245	180	137	110	91.4	79.2	71.3	65.6	61.7	59.1	57.6	56.9
65	647	621	579	516	428	329	235	163	116	88.7	71.7	60.3	54.6	50.6	47.7	45.7	44.3	43.2	42.8
70	290	283	280	265	232	179	130	93.4	68.3	56.1	47.9	42.6	39.4	36.5	33.8	32.0	31.2	31.0	31.0
75	104	103	105	102	94.6	80.2	63.7	50.3	40.4	34.6	31.7	29.5	27.4	24.9	22.7	21.5	21.0	21.0	21.0
80	42.3	41.7	43.2	43.9	41.9	37.1	30.1	24.6	20.8	18.6	17.6	16.9	15.5	14.0	12.6	11.7	11.3	11.1	11.0
85	16.2	15.8	17.7	17.3	14.9	12.8	10.7	9.04	7.56	6.43	5.61	5.04	4.32	3.58	2.96	2.51	2.21	2.03	1.94
90	0.20	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:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	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	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684
5	664	664	664	665	665	667	668	669	670	671	673	674	676	677	679	680	682	683	682
10	625	625	627	629	632	635	640	645	651	657	664	669	674	678	682	685	689	692	689
15	564	565	569	575	582	591	601	612	625	638	649	661	673	683	692	697	703	707	703
20	484	487	493	502	515	530	547	567	587	608	629	652	670	687	703	714	721	728	721
25	387	391	400	413	430	452	478	507	536	568	601	633	664	692	716	735	745	753	744
30	297	302	311	325	344	367	396	430	471	516	561	607	652	695	731	759	776	785	773
35	232	235	243	254	271	291	318	355	399	450	509	572	633	693	748	787	813	823	806
40	181	184	191	201	214	232	257	289	329	383	448	523	605	685	758	816	853	865	842
45	143	145	151	159	170	185	205	233	270	320	384	467	563	667	765	848	893	907	875
50	109	111	115	122	132	145	162	186	216	263	324	408	514	637	760	864	928	944	902
55	79.2	80.7	83.6	88.9	96.4	107	121	141	169	209	265	346	455	589	736	861	937	954	901
60	57.0	57.8	59.7	62.8	67.3	73.6	83.4	98.2	119	153	202	275	379	514	664	794	872	887	831
65	42.9	43.4	44.3	45.8	48.0	51.2	55.7	64.6	77.6	98.5	133	191	275	385	496	574	612	618	594
70	30.7	30.7	31.4	32.9	35.0	37.0	39.5	43.5	49.8	59.2	77.8	106	149	204	246	261	260	257	270
75	20.8	20.8	21.2	22.2	23.9	25.7	27.0	28.2	30.2	35.1	42.7	53.7	68.1	82.3	91.6	92.3	90.5	91.2	97.5
80	10.9	11.1	11.4	12.1	13.0	14.0	14.7	15.2	16.1	18.1	21.3	26.0	31.6	36.6	39.2	38.1	36.0	36.2	39.6
85	1.94	2.03	2.23	2.51	2.84	3.19	3.56	3.99	4.51	5.11	5.91	6.71	8.22	9.82	11.3	12.1	10.7	11.2	13.8
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	0.32	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:2017-03-10	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	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	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	
5	681	680	679	678	677	676	675	674	674	673	672	671	671	671	671	671	671	671	672	673
10	687	684	681	677	673	669	663	658	653	649	646	643	641	640	639	639	640	642	644	
15	698	693	685	676	665	655	646	635	624	615	607	600	595	591	588	588	589	592	597	
20	714	703	688	672	656	637	619	601	584	568	553	541	531	525	520	519	521	525	532	
25	732	713	691	665	638	610	582	554	530	505	483	464	450	439	433	430	432	437	446	
30	754	725	691	652	613	572	533	494	459	429	403	382	366	354	346	343	344	350	360	
35	776	736	685	631	577	522	471	426	387	353	328	308	293	282	275	273	274	279	288	
40	798	738	671	599	528	463	406	358	320	289	265	247	234	225	219	216	217	222	230	
45	818	735	645	555	473	400	344	297	262	234	214	199	187	179	175	173	174	177	184	
50	823	719	608	503	413	341	285	242	212	188	170	157	148	141	136	135	135	138	144	
55	805	683	555	442	351	281	230	192	165	144	130	119	111	105	102	101	101	103	107	
60	733	609	480	368	282	218	173	141	119	104	92.6	84.9	79.1	75.1	72.6	71.5	71.6	73.0	75.8	
65	546	467	366	273	201	151	117	95.0	80.1	69.5	64.0	60.0	57.1	55.4	54.6	54.4	54.6	55.2	56.4	
70	274	259	215	162	121	92.5	72.5	61.7	54.2	49.3	46.2	44.0	42.3	40.8	39.9	39.9	40.1	40.5	41.4	
75	104	105	95.9	80.9	65.2	53.1	44.9	40.0	36.9	35.0	33.3	31.4	29.5	28.5	28.3	28.5	28.7	28.7	28.9	
80	43.6	45.6	43.8	39.1	32.5	27.4	24.1	22.6	22.7	22.7	22.0	20.5	19.2	18.6	18.5	18.7	18.8	18.8	18.9	
85	16.5	16.9	15.6	14.4	13.2	11.8	10.8	10.4	10.3	10.4	9.53	8.22	7.11	6.31	5.84	5.59	5.56	5.71	6.10	
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:2017-03-10

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:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--4

UNIT: x10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684				
5	674	676	678	679	681	683	684	686	687	689	690	692	693	694	695				
10	648	651	656	661	666	672	678	685	691	696	701	705	708	710	712				
15	603	611	620	630	641	652	665	678	688	699	710	720	727	732	735				
20	541	553	568	584	603	622	642	661	681	701	718	734	749	759	764				
25	459	476	497	521	548	577	606	636	667	696	725	751	773	791	801				
30	374	393	416	444	477	514	555	600	642	687	728	767	801	830	845				
35	301	318	341	368	401	444	493	547	606	667	726	782	832	871	897				
40	242	257	277	302	335	376	426	487	558	635	714	790	857	913	951				
45	193	207	224	246	275	314	363	426	501	592	689	786	877	951	998				
50	152	163	178	198	224	258	302	364	441	537	649	765	875	965	1025				
55	114	123	135	152	174	204	245	301	375	472	589	717	841	940	1002				
60	80.3	86.8	96.0	108	125	150	184	233	301	392	506	632	751	844	900				
65	58.3	61.5	66.4	73.3	82.7	99.6	124	160	214	292	388	492	581	635	652				
70	43.2	45.2	47.8	51.2	56.1	64.3	77.1	95.7	130	176	235	293	321	319	301				
75	29.8	31.8	34.5	36.8	39.3	42.5	47.9	56.6	69.4	87.9	109	124	126	119	110				
80	19.5	20.8	22.8	24.7	25.7	26.2	26.9	30.2	35.9	42.4	48.7	52.0	51.0	47.7	44.2				
85	6.79	7.91	9.51	11.4	12.7	12.9	13.4	14.5	16.3	18.3	20.6	22.1	22.1	20.2	17.3				
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:2017-03-10

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: