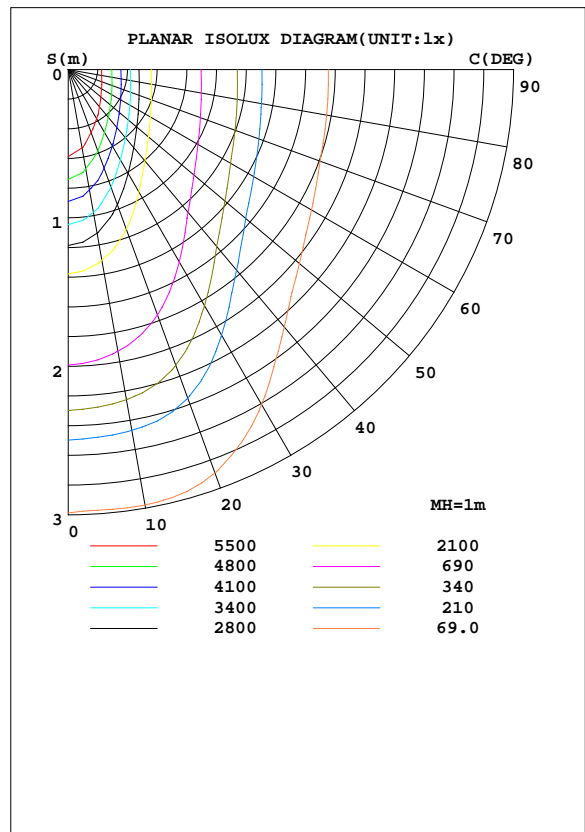
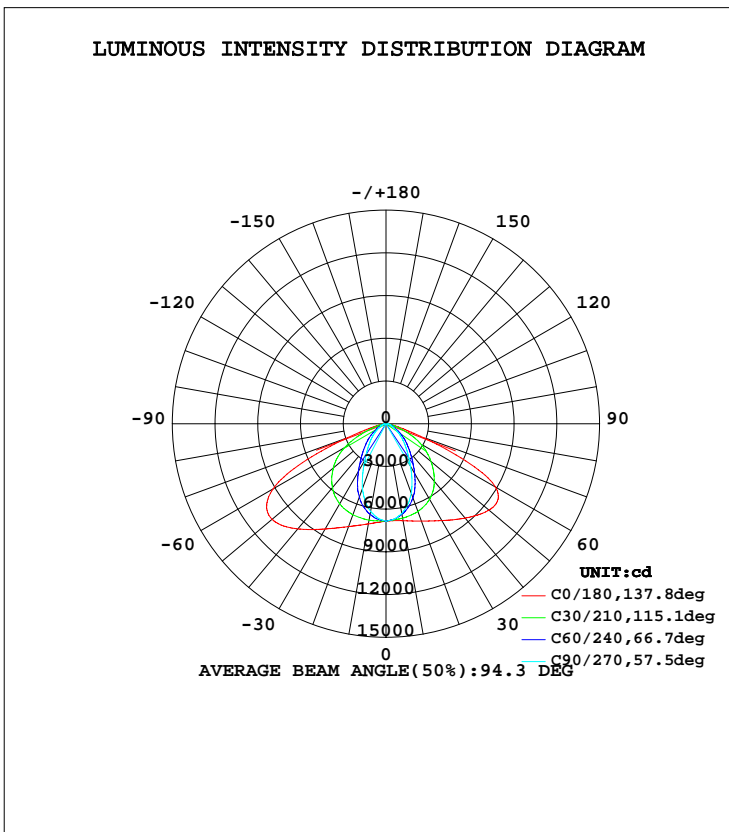


LUMINAIRE PHOTOMETRIC TEST REPORT

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



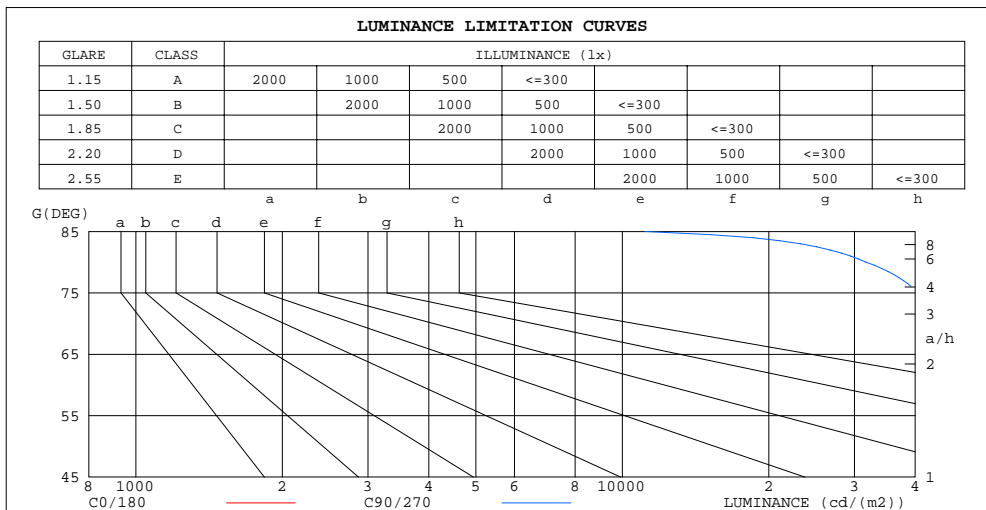
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-10

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

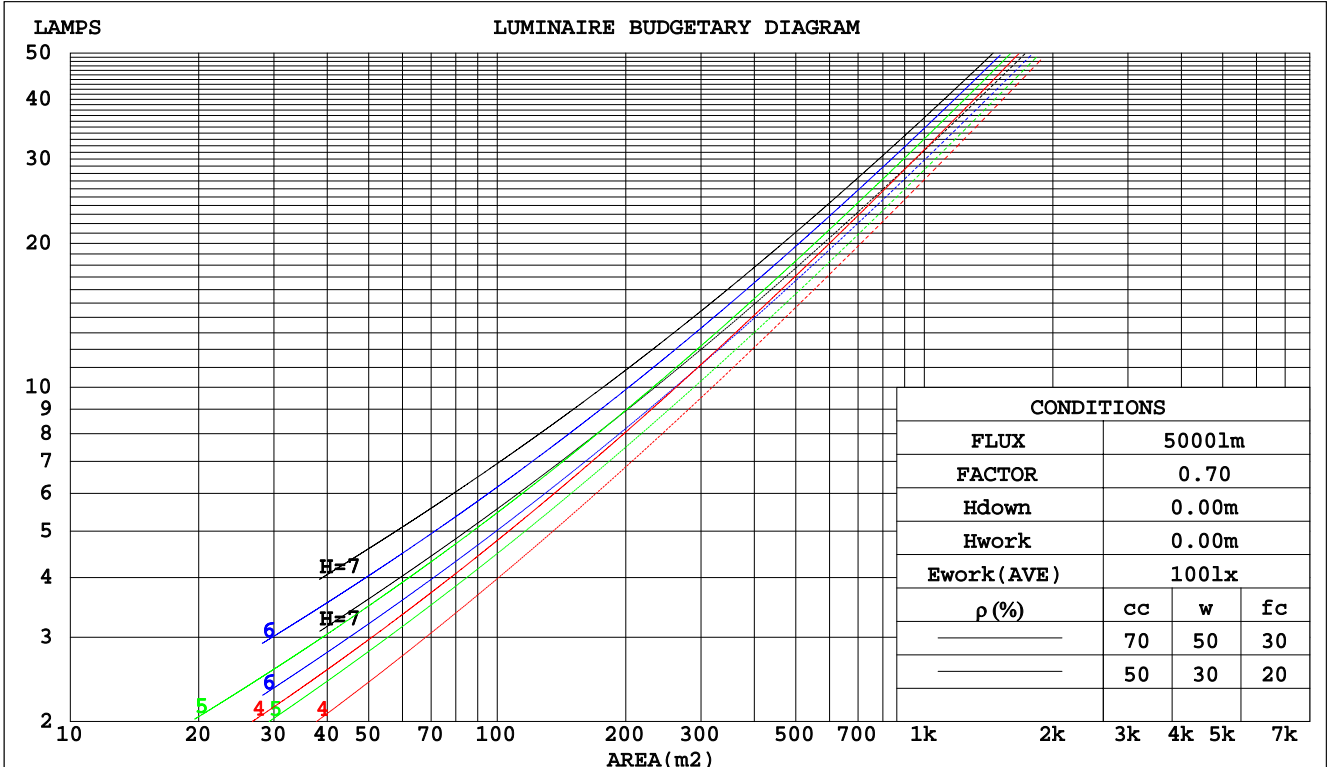
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-10

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																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	1.05	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%

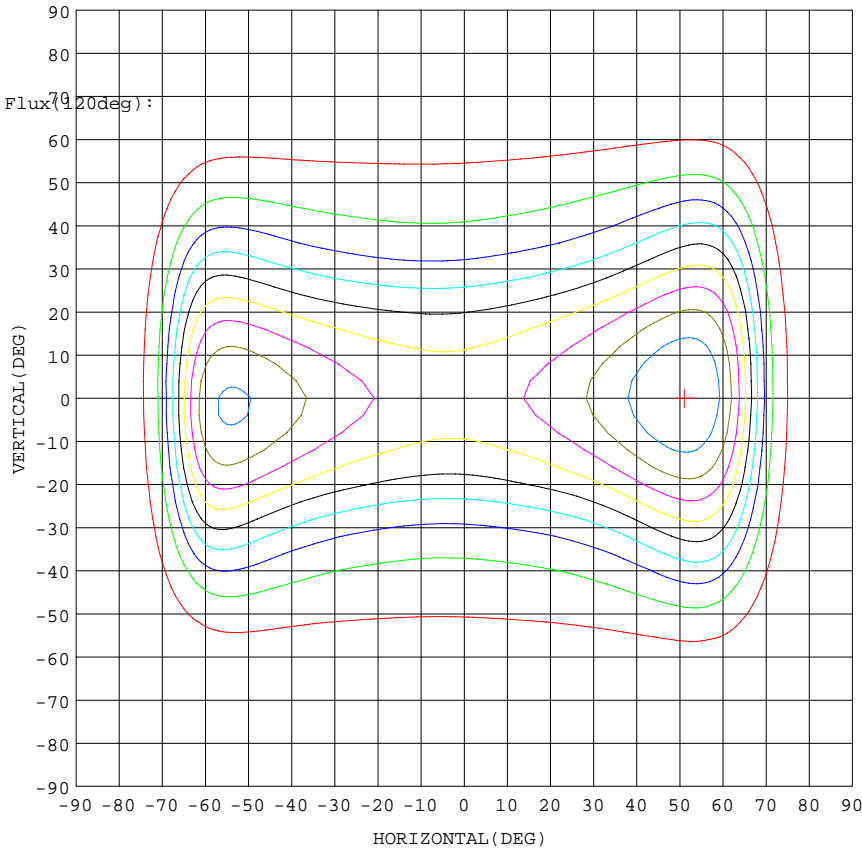
%lamp = 56.4%

Conical surface Flux(70deg):

14691 lm

%lum = 83.8%

%lamp = 83.8%



I_{max}:10452(H51.0,V0.0)
(At:C=0.0,Gamma=51.0)

UNIT: cd

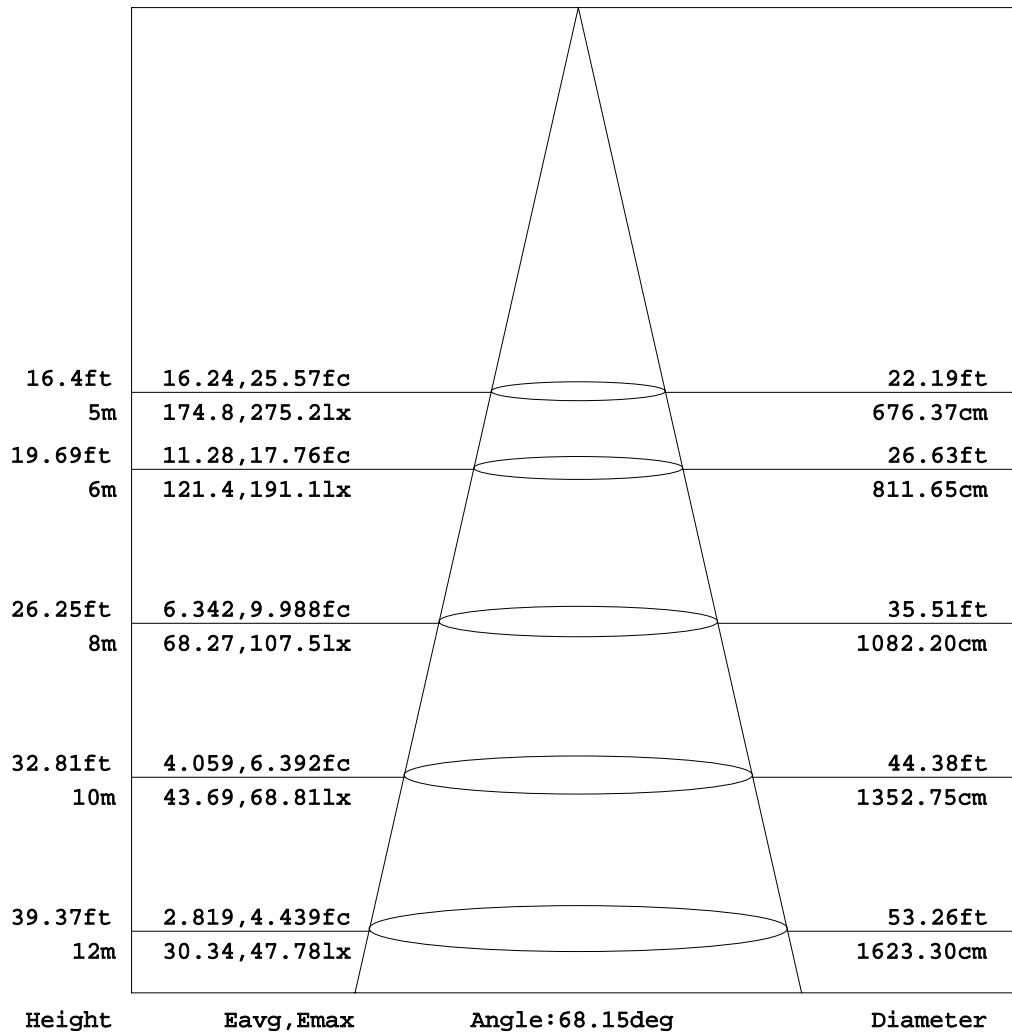
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-10

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



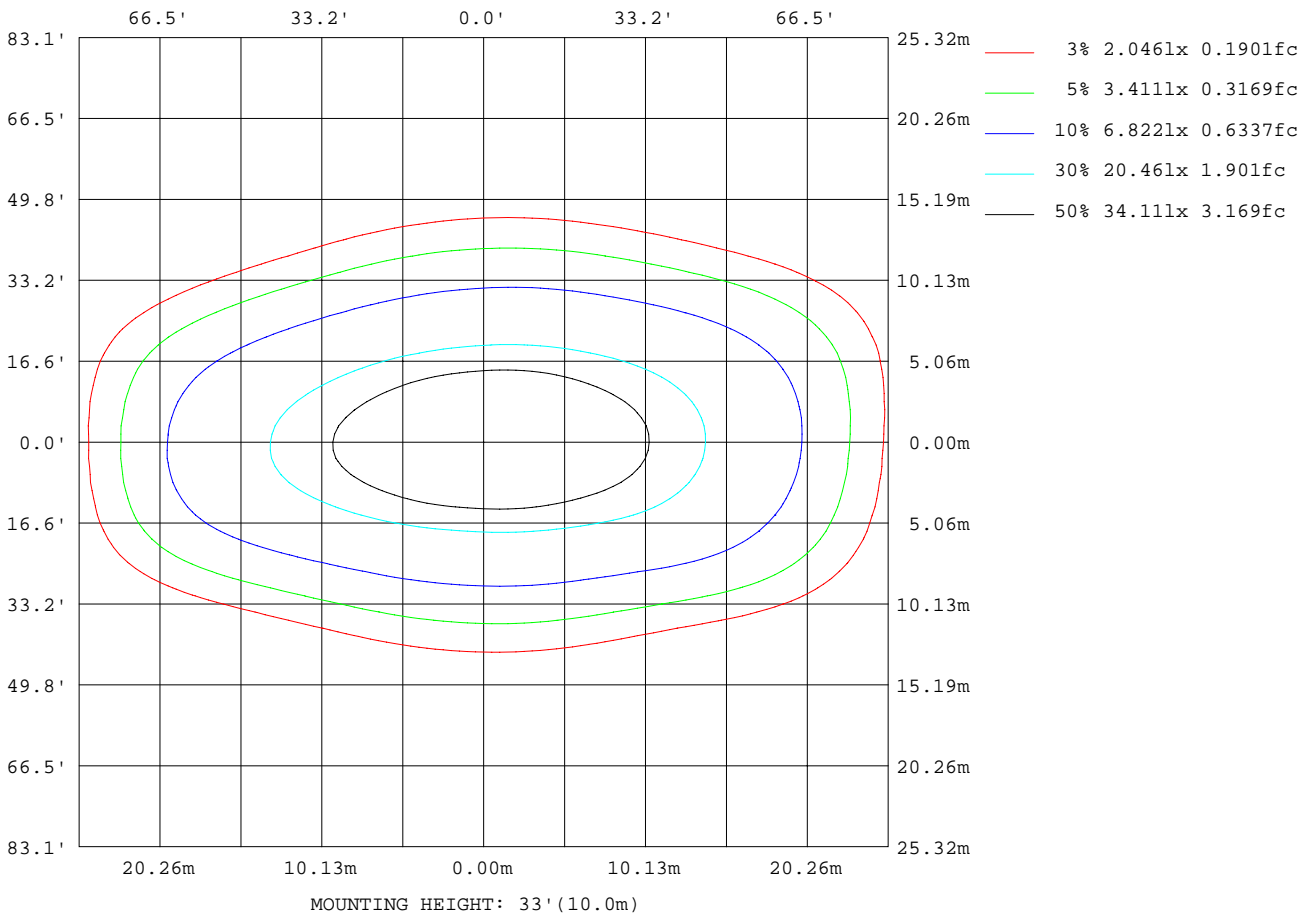
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

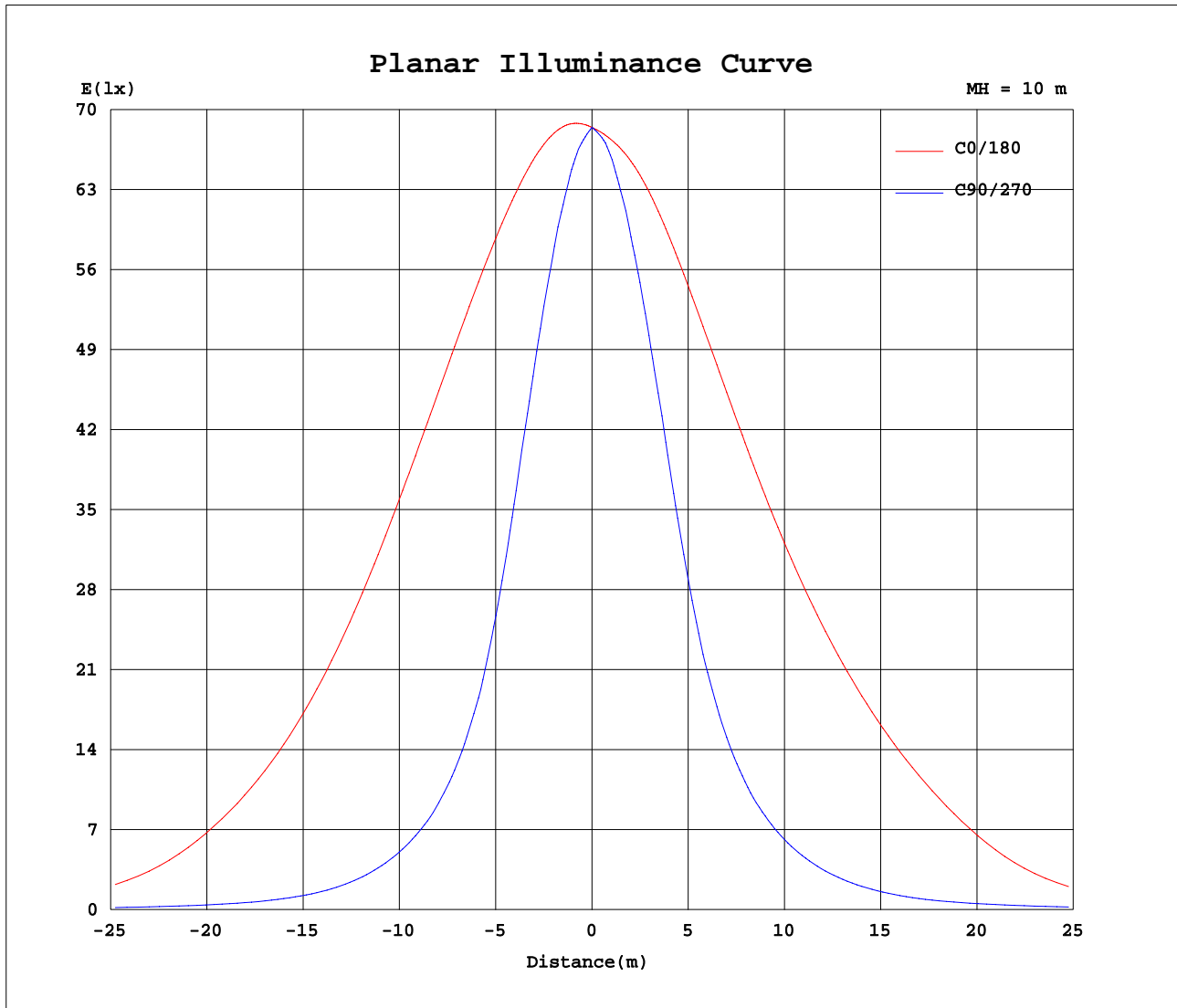
Test:U:220.9V I:0.5641A P:121.7W PF:0.9762 Lamp Flux:17535.5x1 lm		
NAME: LED LINEAR HIGH BAY LIGHT	TYPE:YHL-AI2-120	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170310
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



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--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:

