

## LED Projector 24W(30°)

FL24W03(4500K)



Light Output Ratio:	100.0%	
Luminaire Power:	26.9 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

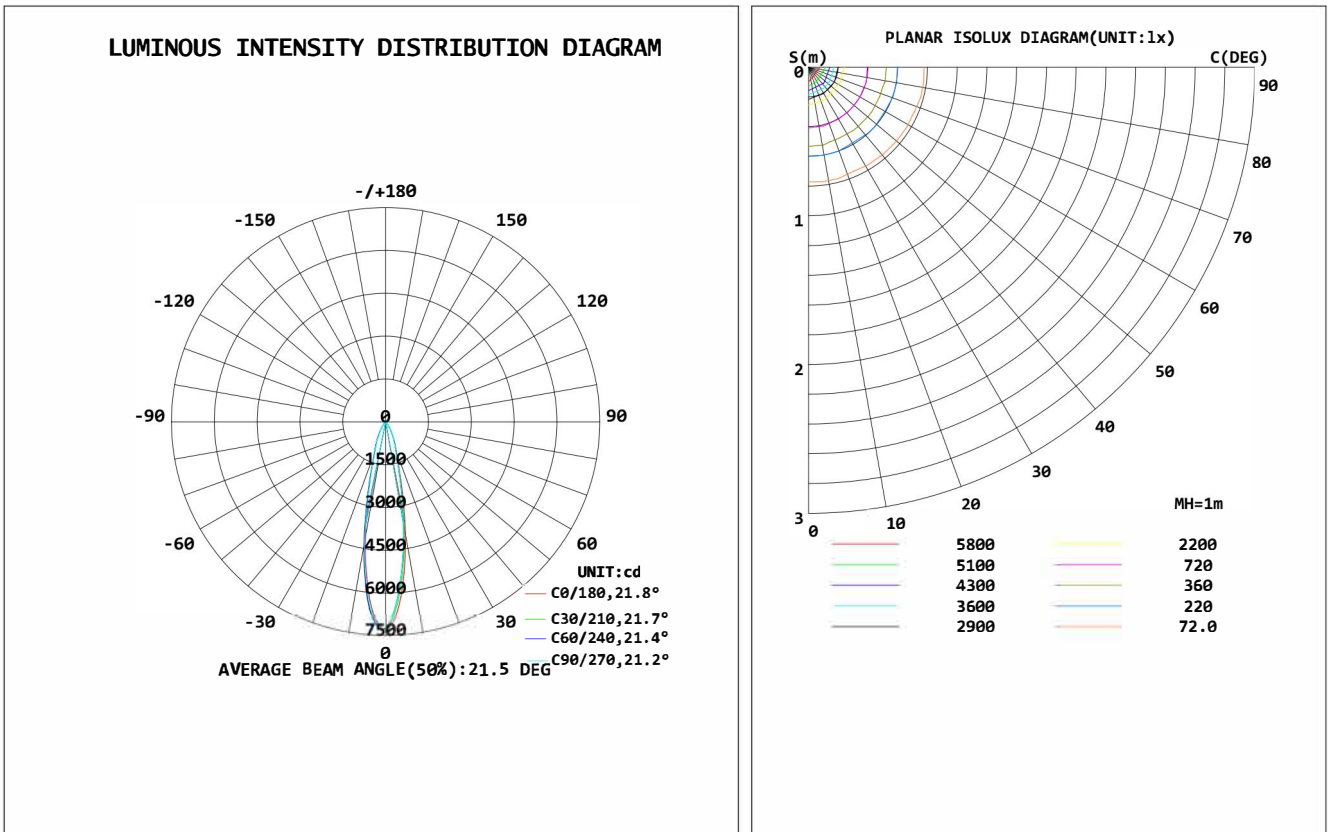
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Leo  
Test Date: 2013-08-08

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.267  
Humidity: 65.0%  
Test Distance: 7.300m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm		
NAME: LED Projector 24W(30°)	TYPE:	WEIGHT:
DIM.: 220*170*50mm	SPEC.:4500K	SERIAL No.:2013081003
MFR.: INTEGRATECH	SUR.:140*120mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	BLP-FL24W03(4500K)	I <sub>max</sub> (cd)	7286	S/MH(C0/180)	0.37
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1751.7	η UP, DN(C0-180)	2.1, 46.1
NOMINAL FLUX(lm)	1751.66	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.4, 49.3
LAMPS INSIDE	1	η up(%)	4.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230.6	η down(%)	95.4	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
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 Temperature: 25.3DEG  
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γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 7.300m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3980	3746	3601	3911	4107	4267	4249	3900	0- 10	514.5	514.5	29.4,29.4
20	1085	1044	1003	1060	1127	1142	1109	1038	10- 20	576.1	1091	62.3,62.3
30	375.6	370.7	371.4	397.8	406.1	404.7	412.7	370.4	20- 30	315.8	1406	80.3,80.3
40	93.91	97.45	95.98	105.4	106.8	115.8	119.6	100.7	30- 40	140.9	1547	88.3,88.3
50	46.60	46.16	44.38	46.09	53.39	53.42	54.60	51.13	40- 50	51.41	1599	91.3,91.3
60	24.51	24.28	23.82	24.50	29.47	30.09	30.32	28.33	50- 60	33.31	1632	93.2,93.2
70	13.02	12.54	12.46	12.71	16.56	16.55	16.10	15.53	60- 70	19.67	1652	94.3,94.3
80	7.884	7.448	7.520	7.470	10.42	10.31	10.48	9.887	70- 80	12.03	1664	95,95
90	5.591	5.551	5.540	5.507	7.925	7.917	7.893	7.767	80- 90	8.196	1672	95.4,95.4
100	4.667	4.663	4.655	4.606	7.842	7.800	7.748	7.706	90-100	6.983	1679	95.8,95.8
110	4.909	4.871	4.803	4.658	9.223	9.190	9.130	9.209	100-110	6.772	1686	96.2,96.2
120	8.426	8.286	8.157	7.783	12.67	12.56	12.53	12.62	110-120	8.389	1694	96.7,96.7
130	15.26	15.07	14.96	14.44	15.20	15.00	14.87	14.93	120-130	11.27	1705	97.4,97.4
140	20.62	20.41	20.26	19.91	18.97	18.82	18.71	18.86	130-140	13.31	1719	98.1,98.1
150	23.20	23.06	22.86	22.62	22.73	22.50	22.35	22.28	140-150	13.33	1732	98.9,98.9
160	24.27	24.20	24.06	23.85	24.01	23.70	23.49	23.39	150-160	10.79	1743	99.5,99.5
170	23.59	23.68	23.48	23.24	23.62	23.17	22.98	22.86	160-170	6.738	1749	99.9,99.9
180	22.66	22.48	22.05	22.03	22.71	22.44	22.09	22.00	170-180	2.168	1752	100,100
DEG	LUMINOUS INTENSITY: cd									UNIT:lm		

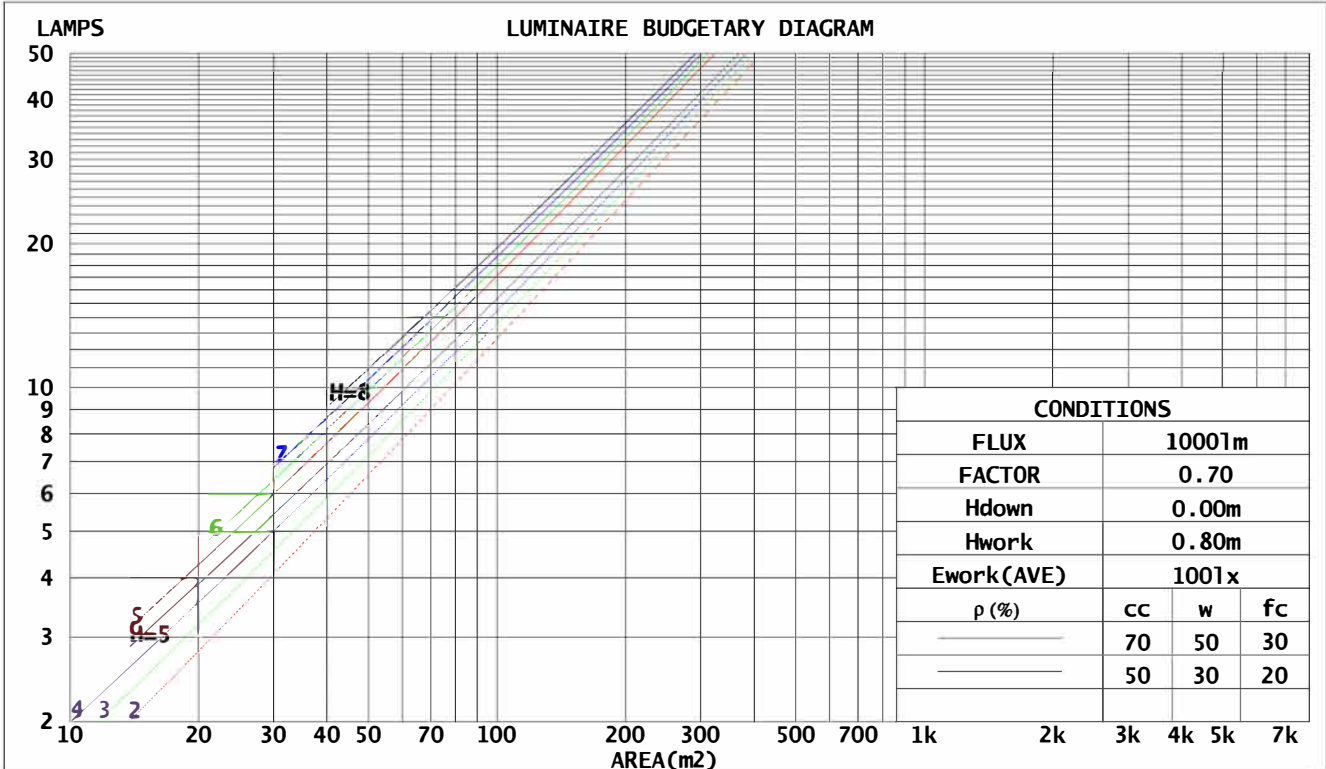
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm		
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DIM.: 220*170*50mm	SPEC.:4500K	SERIAL No.:2013081003
MFR.: INTEGRATECH	SUR.:140*120mm	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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.01	.00	.98	.97	.96	.94	.93	.92	.90
2.0	1.04	1.00	.97	1.02	.98	.96	.98	.95	.93	.94	.92	.90	.91	.89	.88	.86
3.0	.98	.94	.90	.96	.92	.89	.93	.90	.87	.90	.87	.85	.87	.85	.83	.82
4.0	.93	.88	.85	.92	.87	.84	.89	.85	.82	.87	.83	.81	.84	.82	.80	.78
5.0	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.81	.79	.76	.75
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.81	.76	.73	.80	.76	.72	.79	.75	.72	.77	.74	.71	.76	.73	.70	.69
8.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.71	.68	.74	.70	.68	.67
9.0	.75	.70	.67	.75	.70	.67	.73	.69	.67	.72	.69	.66	.71	.68	.66	.65
10.0	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.66	.64	.69	.66	.64	.62



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 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.267  
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WEC AND CCEC

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MFR.: INTEGRATECH	SUR.:140*120mm	PROTECTION ANGLE:

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fC</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.166	.095	.030	.158	.090	.029	.143	.082	.026	.129	.075	.024	.117	.068	.022	
2.0	.154	.085	.026	.147	.081	.025	.135	.075	.023	.123	.069	.022	.112	.063	.020	
3.0	.144	.076	.023	.138	.074	.022	.127	.069	.021	.116	.064	.020	.107	.059	.018	
4.0	.134	.070	.021	.129	.068	.020	.120	.063	.019	.111	.059	.018	.102	.056	.017	
5.0	.126	.064	.019	.122	.062	.018	.113	.059	.017	.105	.056	.017	.098	.052	.016	
6.0	.119	.060	.017	.115	.058	.017	.108	.055	.016	.101	.052	.015	.094	.050	.015	
7.0	.113	.056	.016	.109	.054	.015	.102	.052	.015	.096	.049	.014	.090	.047	.014	
8.0	.107	.052	.015	.104	.051	.014	.098	.049	.014	.092	.047	.013	.087	.045	.013	
9.0	.102	.049	.014	.099	.048	.014	.094	.046	.013	.088	.044	.013	.084	.043	.012	
10.0	.097	.047	.013	.094	.046	.013	.090	.044	.012	.085	.042	.012	.081	.041	.012	

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fC</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024	
1.0	.205	.192	.181	.176	.165	.156	.120	.114	.108	.069	.066	.063	.022	.021	.020	
2.0	.189	.168	.150	.162	.144	.130	.111	.100	.090	.064	.058	.053	.021	.019	.017	
3.0	.176	.149	.128	.150	.128	.111	.103	.089	.078	.060	.052	.046	.019	.017	.015	
4.0	.164	.134	.111	.141	.116	.096	.097	.081	.068	.056	.047	.040	.018	.015	.013	
5.0	.154	.122	.098	.133	.106	.086	.091	.074	.060	.053	.043	.036	.017	.014	.012	
6.0	.146	.113	.089	.125	.097	.077	.087	.068	.055	.050	.040	.032	.016	.013	.011	
7.0	.139	.105	.081	.119	.091	.070	.082	.064	.050	.048	.037	.030	.015	.012	.010	
8.0	.132	.098	.075	.114	.085	.065	.079	.060	.046	.046	.035	.028	.015	.012	.009	
9.0	.127	.093	.070	.109	.080	.061	.076	.057	.043	.044	.033	.026	.014	.011	.009	
10.0	.122	.088	.066	.105	.077	.057	.073	.054	.041	.043	.032	.024	.014	.010	.008	

C Range: 0 - 360DEG  
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 γ Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.267  
 Humidity: 65.0%  
 Test Distance: 7.300m [K=1.0000]  
 Remarks:

## Uncorrected UGR Table

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm										
NAME: LED Projector 24W(30°)					TYPE:			WEIGHT:		
DIM.: 220*170*50mm					SPEC.:4500K			SERIAL No.:2013081003		
MFR.: INTEGRATECH					SUR.:140*120mm			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	11.5	12.3	11.8	12.5	12.7	11.6	12.3	11.9	12.6	12.8
3H	12.0	12.7	12.3	12.9	13.2	12.0	12.7	12.3	12.9	13.2
4H	12.2	12.9	12.6	13.2	13.5	12.2	12.9	12.5	13.2	13.5
6H	12.6	13.2	12.9	13.5	13.8	12.5	13.1	12.8	13.4	13.8
8H	12.7	13.4	13.1	13.7	14.0	12.7	13.3	13.0	13.6	13.9
12H	13.0	13.6	13.4	13.9	14.3	12.9	13.5	13.3	13.8	14.2
4H 2H	11.6	12.3	11.9	12.6	12.8	11.7	12.3	12.0	12.6	12.9
3H	12.2	12.8	12.6	13.1	13.5	12.2	12.8	12.6	13.1	13.5
4H	12.6	13.1	13.0	13.5	13.9	12.5	13.1	13.0	13.4	13.8
6H	13.1	13.6	13.5	14.0	14.4	13.0	13.5	13.4	13.9	14.3
8H	13.4	13.8	13.8	14.3	14.7	13.3	13.7	13.7	14.1	14.6
12H	13.8	14.2	14.2	14.6	15.1	13.6	14.0	14.1	14.5	15.0
8H 4H	12.7	13.1	13.2	13.6	14.0	12.6	13.1	13.1	13.5	14.0
6H	13.3	13.7	13.8	14.2	14.7	13.2	13.6	13.7	14.1	14.6
8H	13.8	14.1	14.3	14.6	15.1	13.7	14.0	14.2	14.5	15.0
12H	14.4	14.6	14.9	15.1	15.7	14.2	14.5	14.8	15.0	15.6
12H 4H	12.7	13.1	13.2	13.5	14.0	12.6	13.0	13.1	13.5	14.0
6H	13.4	13.7	13.9	14.2	14.8	13.3	13.6	13.8	14.1	14.7
8H	13.9	14.2	14.4	14.7	15.3	13.8	14.1	14.3	14.6	15.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 0.8					+ 1.0 / - 0.9				
1.5H	+ 1.7 / - 0.6					+ 1.9 / - 0.6				
2.0H	+ 0.6 / - 0.5					+ 0.6 / - 0.5				

CIE Pub.117 Corrected 1752 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

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Remarks:

## UTILIZATION FACTORS TABLE

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm		
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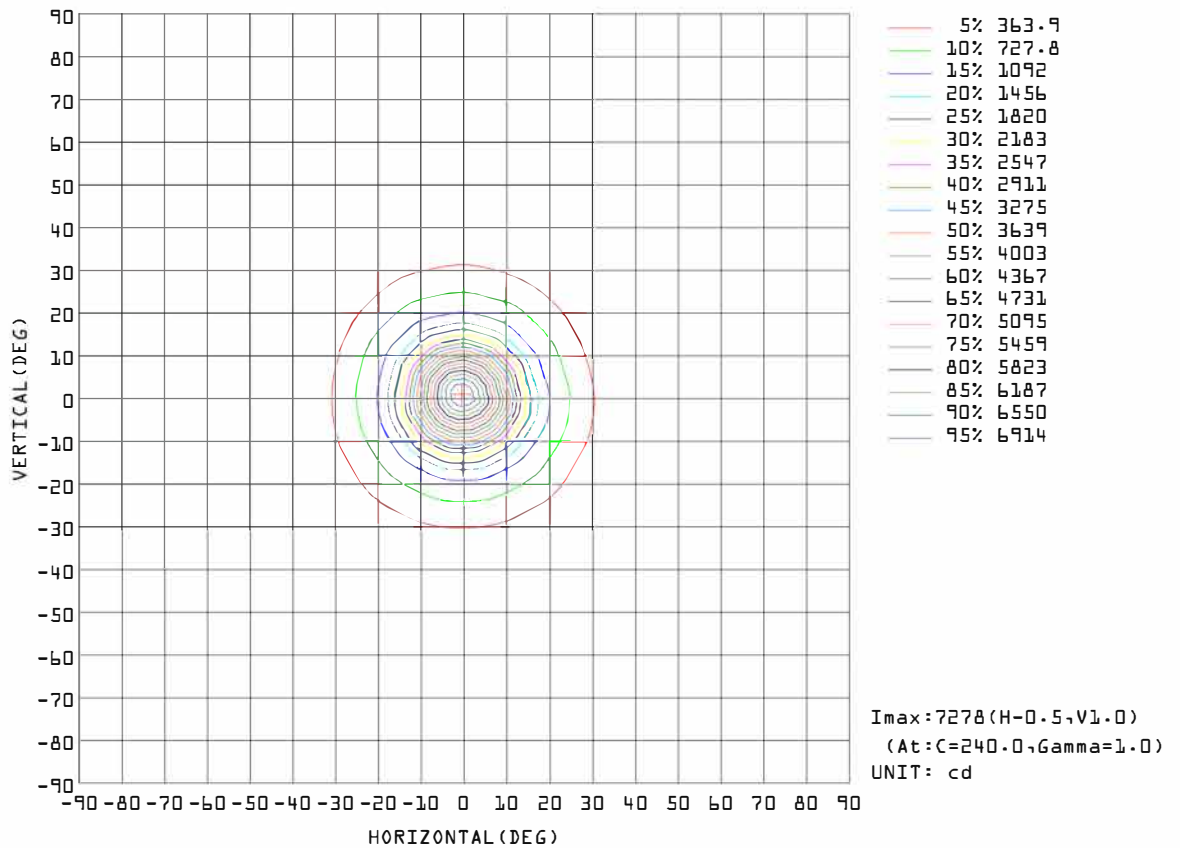
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	84	78	74	84	77	74	83	77	73	70
0.80	92	86	82	91	85	81	89	84	81	77
1.00	96	90	86	95	90	86	93	89	85	81
1.25	100	95	91	99	94	90	96	92	89	84
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	102	99	97	90
3.00	110	106	103	107	104	101	103	101	99	91
4.00	112	109	106	109	107	105	105	103	101	93
5.00	113	111	109	111	108	107	106	104	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHR NOM = 1.25			

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ISOCANDELA DIAGRAM

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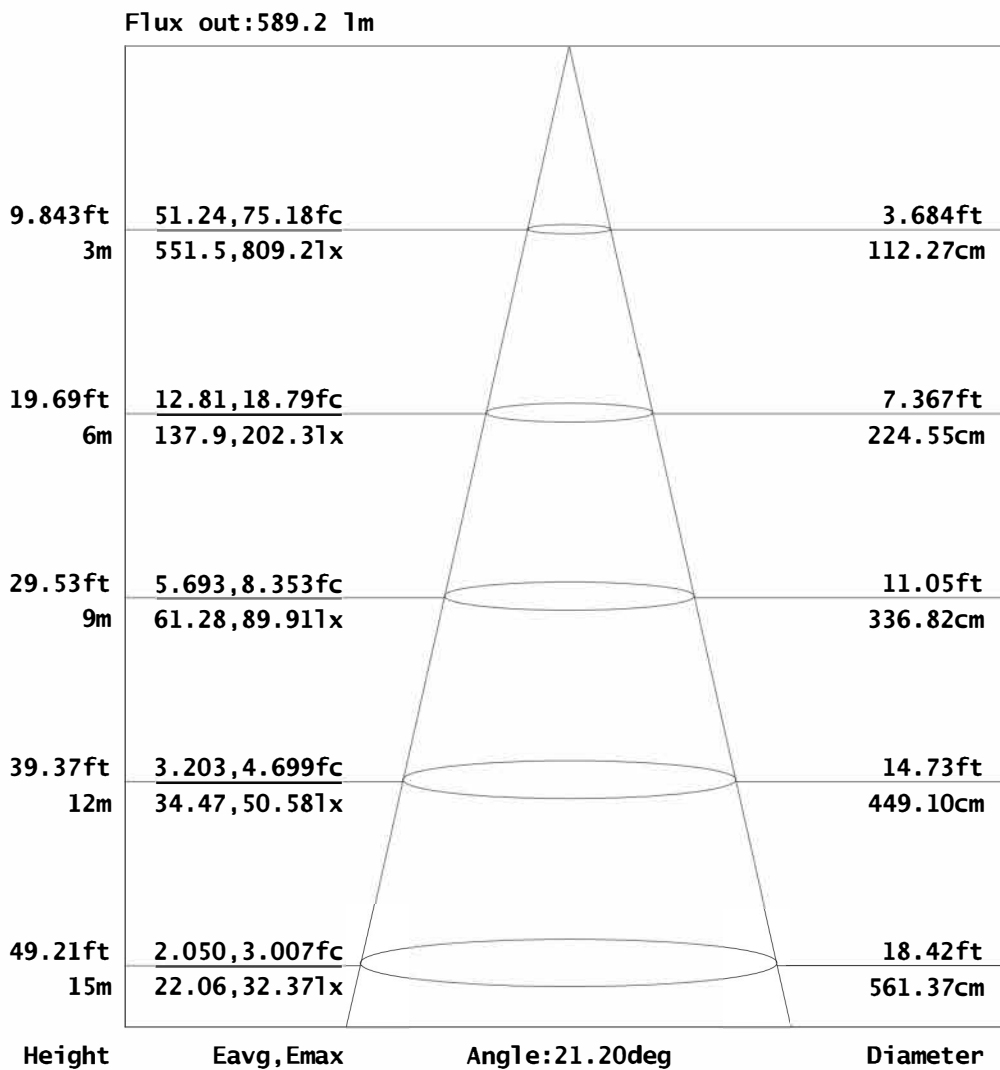
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AAI Figure

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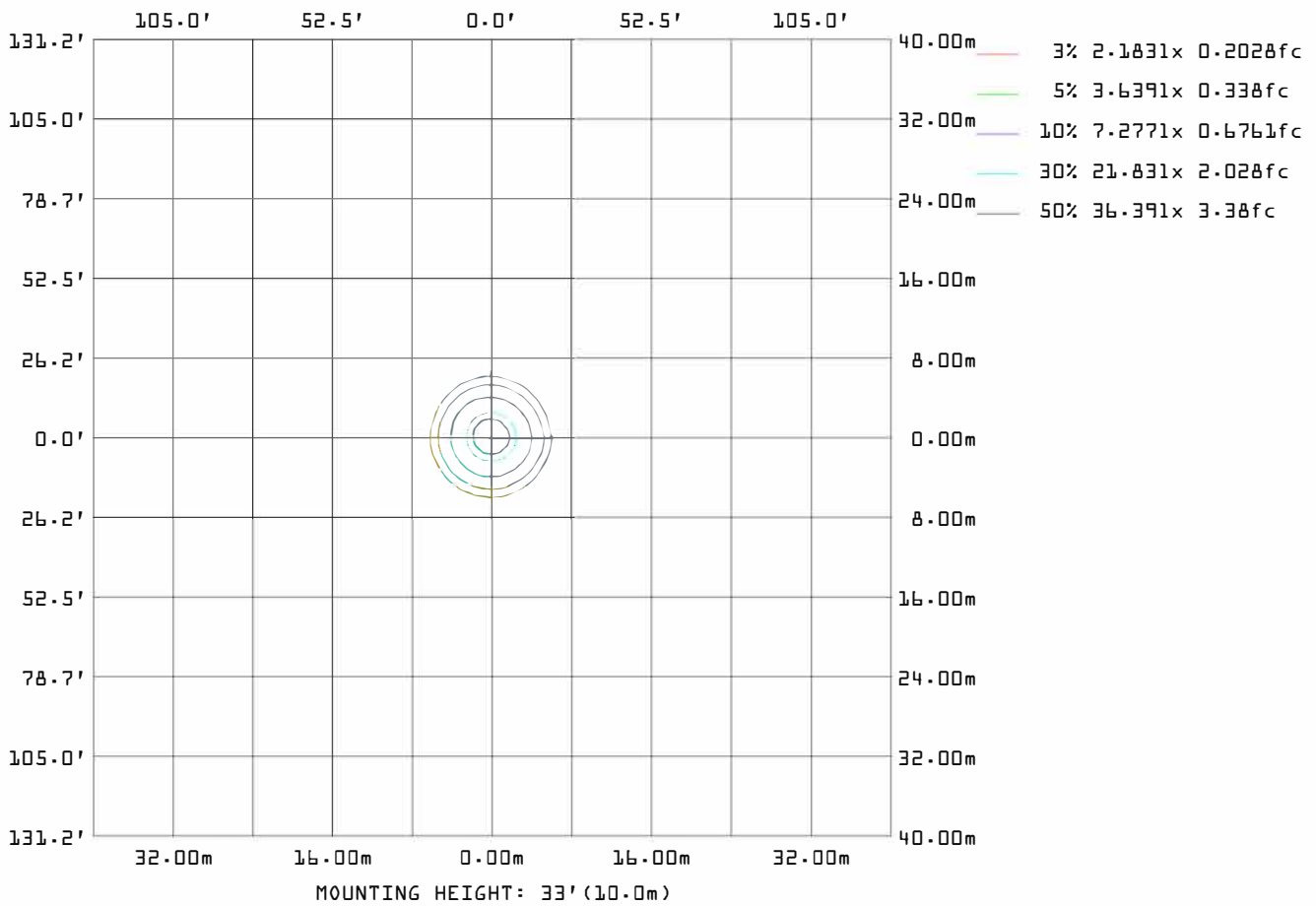
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

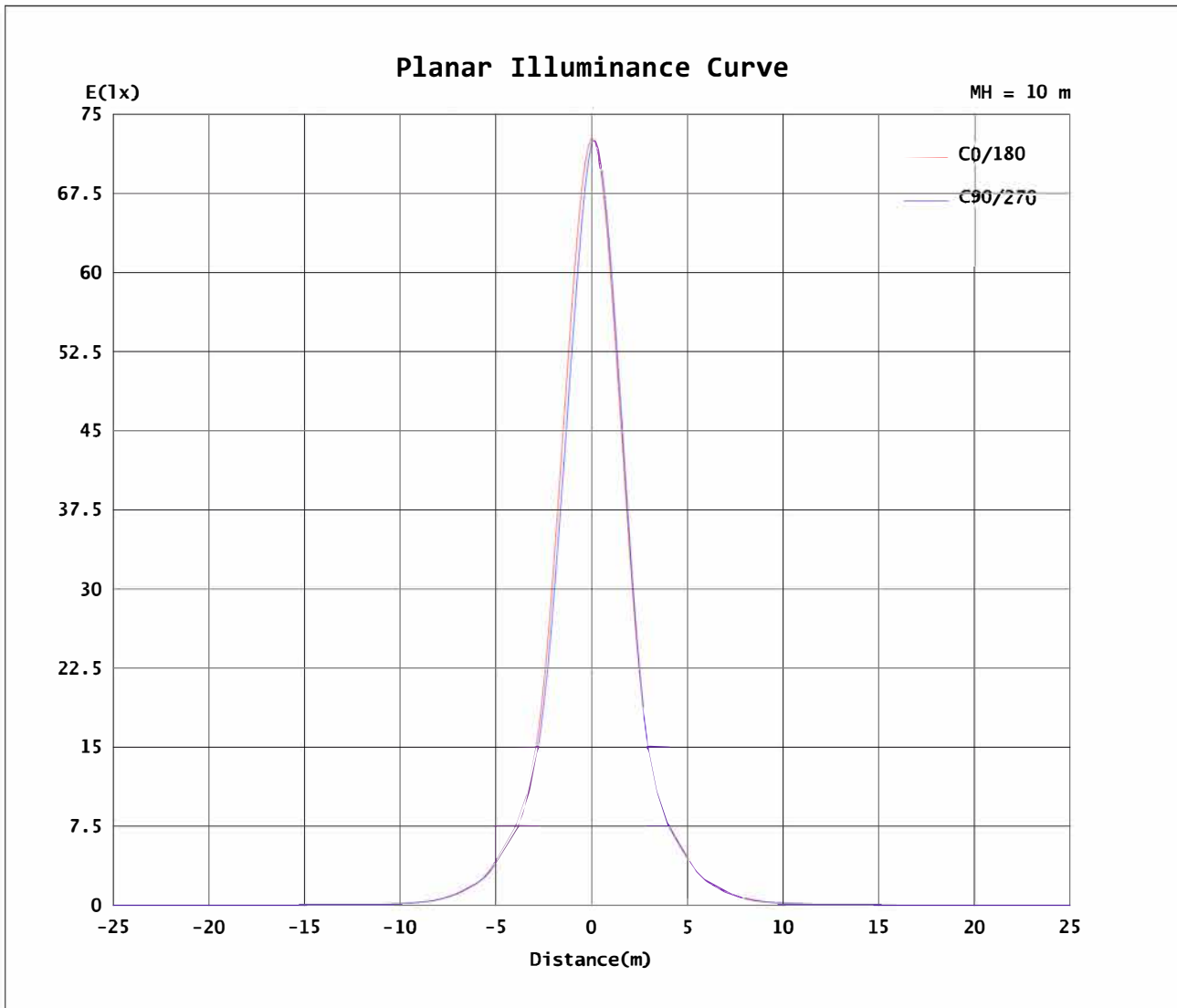
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Planar Illuminance Curve



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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm		
NAME: LED Projector 24W(30°)	TYPE:	WEIGHT:
DIM.: 220*170*50mm	SPEC.:4500K	SERIAL No.:2013081003
MFR.: INTEGRATECH	SUR.:140*120mm	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7277	7268	7240	7248	7226	7245	7222	7237	7218	7219	7211	7188	7277	7268	7240	7248	7226	7245	7222
5	6150	6117	5903	5891	5727	5802	5731	5880	5881	6069	6086	6262	6309	6332	6517	6486	6572	6428	6439
10	3980	3959	3740	3746	3601	3675	3601	3740	3728	3911	3898	4096	4107	4124	4327	4267	4377	4217	4249
15	2009	2065	1895	1935	1822	1898	1833	1942	1896	2053	1978	2090	2097	2081	2223	2160	2231	2076	2116
20	1085	1087	1035	1044	1009	1024	1003	1031	1018	1060	1054	1104	1127	1116	1167	1142	1166	1099	1109
25	708	712	671	681	660	676	665	686	677	702	695	723	741	726	752	730	752	715	725
30	376	374	358	371	365	372	371	383	383	398	390	402	406	398	410	405	418	407	413
35	206	209	200	214	210	218	214	223	218	227	219	224	225	223	237	241	250	243	248
40	93.9	95.9	93.1	97.4	96.4	99.6	96.0	102	101	105	102	105	107	107	115	116	123	119	120
45	57.1	57.5	57.3	58.3	58.6	57.8	57.3	59.5	60.2	61.1	59.3	59.7	64.3	64.8	67.8	67.8	70.3	68.9	68.8
50	46.6	45.8	45.2	46.2	46.1	45.2	44.4	44.9	45.6	46.1	46.6	48.2	53.4	53.2	54.6	53.4	54.8	53.2	54.6
55	34.9	35.0	33.5	33.7	32.6	33.2	32.5	33.0	33.2	34.2	33.8	35.4	40.2	40.1	41.2	41.2	42.3	41.3	41.1
60	24.5	24.4	23.9	24.3	23.6	24.0	23.8	24.0	24.0	24.5	24.4	24.8	29.5	29.2	30.0	30.1	30.3	30.3	30.3
65	18.1	18.0	17.4	17.3	17.1	17.3	17.2	17.4	17.5	17.9	17.7	18.1	22.3	22.1	22.3	22.4	22.6	22.3	22.7
70	13.0	13.0	12.7	12.5	12.1	12.3	12.5	12.3	12.3	12.7	12.9	13.1	16.6	16.5	16.7	16.6	16.6	16.0	16.1
75	10.3	10.2	9.81	9.52	9.34	9.61	9.61	9.70	9.45	9.53	9.89	10.2	13.3	13.1	13.3	12.8	12.8	12.8	13.0
80	7.88	7.75	7.50	7.45	7.35	7.47	7.52	7.55	7.43	7.47	7.57	7.74	10.4	10.4	10.5	10.3	10.4	10.3	10.5
85	6.30	6.24	6.16	6.14	6.10	6.12	6.09	6.11	6.11	6.13	6.13	6.15	8.61	8.58	8.66	8.63	8.68	8.61	8.65
90	5.59	5.57	5.55	5.55	5.54	5.54	5.54	5.54	5.52	5.51	5.48	5.48	7.93	7.91	7.92	7.92	7.92	7.90	7.89
95	5.11	5.10	5.08	5.10	5.10	5.11	5.10	5.11	5.08	5.07	5.02	5.00	7.77	7.75	7.73	7.72	7.71	7.69	7.68
100	4.67	4.66	4.65	4.66	4.66	4.67	4.65	4.65	4.62	4.61	4.56	4.53	7.84	7.84	7.81	7.80	7.78	7.78	7.75
105	4.52	4.50	4.51	4.50	4.50	4.48	4.47	4.44	4.42	4.38	4.35	4.32	8.24	8.23	8.20	8.20	8.17	8.18	8.14
110	4.91	4.88	4.91	4.87	4.87	4.82	4.80	4.74	4.72	4.66	4.65	4.61	9.22	9.24	9.16	9.19	9.13	9.18	9.13
115	6.12	6.06	6.12	6.04	6.06	5.95	5.94	5.81	5.80	5.69	5.73	5.66	10.9	10.9	10.8	10.8	10.7	10.8	10.8
120	8.43	8.32	8.43	8.29	8.34	8.16	8.16	7.95	7.95	7.78	7.87	7.77	12.7	12.7	12.6	12.6	12.5	12.6	12.5
125	11.7	11.6	11.7	11.5	11.6	11.4	11.4	11.1	11.1	10.9	11.0	10.8	14.1	14.0	13.9	13.9	13.8	13.9	13.8
130	15.3	15.1	15.2	15.1	15.1	14.9	15.0	14.7	14.7	14.4	14.5	14.4	15.2	15.1	15.0	15.0	14.9	14.9	14.9
135	18.4	18.2	18.3	18.1	18.2	18.0	18.1	17.8	17.8	17.6	17.7	17.5	16.8	16.7	16.6	16.6	16.4	16.5	16.4
140	20.6	20.5	20.5	20.4	20.4	20.3	20.3	20.1	20.1	19.9	19.9	19.8	19.0	19.0	18.8	18.8	18.7	18.8	18.7
145	22.1	22.1	22.0	22.0	21.9	21.8	21.8	21.7	21.6	21.5	21.5	21.4	21.2	21.2	21.1	21.0	21.0	21.0	20.9
150	23.2	23.2	23.1	23.1	23.0	22.9	22.9	22.8	22.7	22.6	22.6	22.5	22.7	22.7	22.6	22.5	22.4	22.4	22.4
155	23.9	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.5	23.4	23.3	23.2	23.5	23.4	23.4	23.3	23.2	23.1	23.1
160	24.3	24.3	24.2	24.2	24.2	24.1	24.1	24.0	23.9	23.8	23.7	23.6	24.0	23.9	23.8	23.7	23.6	23.5	23.5
165	24.2	24.3	24.2	24.2	24.2	24.2	24.1	24.0	23.9	23.9	23.7	23.6	24.1	24.0	23.9	23.7	23.7	23.6	23.5
170	23.6	23.7	23.6	23.7	23.6	23.6	23.5	23.4	23.3	23.2	23.1	23.0	23.6	23.4	23.4	23.2	23.1	23.0	23.0
175	22.8	22.8	22.8	22.8	22.6	22.6	22.5	22.4	22.2	22.3	22.1	22.0	22.8	22.6	22.6	22.4	22.4	22.2	22.2
180	22.7	22.7	22.5	22.5	22.3	22.2	22.1	22.0	22.0	22.0	22.0	22.0	22.7	22.6	22.6	22.4	22.4	22.2	22.1

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Leo  
 Test Date:2013-08-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:7.300m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.6V I:0.1210A P:26.90W PF:0.9620 Lamp Flux:1751.66x1 lm		
NAME: LED Projector 24W(30°)	TYPE:	WEIGHT:
DIM.: 220*170*50mm	SPEC.:4500K	SERIAL No.:2013081003
MFR.: INTEGRATECH	SUR.:140*120mm	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG)\ γ (DEG)	285	300	315	330	345															
0	7237	7218	7219	7211	7188															
5	6276	6294	6133	6162	5998															
10	4053	4084	3900	3953	3804															
15	1991	2086	1928	2028	1884															
20	1065	1085	1038	1051	1017															
25	689	703	667	681	658															
30	395	392	370	367	355															
35	231	230	214	207	197															
40	112	111	101	97.6	91.2															
45	66.5	65.5	61.6	60.7	59.0															
50	53.2	53.3	51.1	51.6	49.4															
55	39.5	39.7	38.7	38.2	37.2															
60	29.5	29.2	28.3	27.8	26.8															
65	21.8	21.5	20.6	20.5	20.3															
70	15.6	15.8	15.5	15.6	15.4															
75	12.7	12.4	12.1	12.6	12.4															
80	10.3	10.1	9.89	9.94	9.88															
85	8.52	8.48	8.39	8.39	8.30															
90	7.85	7.82	7.77	7.75	7.71															
95	7.66	7.63	7.62	7.60	7.58															
100	7.74	7.72	7.71	7.68	7.68															
105	8.16	8.13	8.14	8.11	8.11															
110	9.19	9.15	9.21	9.14	9.16															
115	10.9	10.8	10.9	10.8	10.9															
120	12.6	12.6	12.6	12.6	12.6															
125	13.9	13.8	13.9	13.8	13.8															
130	14.9	14.9	14.9	14.9	15.0															
135	16.5	16.5	16.6	16.5	16.6															
140	18.8	18.8	18.9	18.8	18.8															
145	21.0	20.9	21.0	20.9	20.9															
150	22.3	22.3	22.3	22.3	22.2															
155	23.0	23.0	23.0	23.0	23.0															
160	23.4	23.4	23.4	23.4	23.4															
165	23.5	23.5	23.5	23.5	23.5															
170	22.9	22.9	22.9	22.9	22.9															
175	22.1	22.1	22.1	22.1	22.0															
180	22.0	22.0	22.0	22.0	21.9															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Leo  
 Test Date:2013-08-08

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.267  
 Humidity:65.0%  
 Test Distance:7.300m [K=1.0000]  
 Remarks: