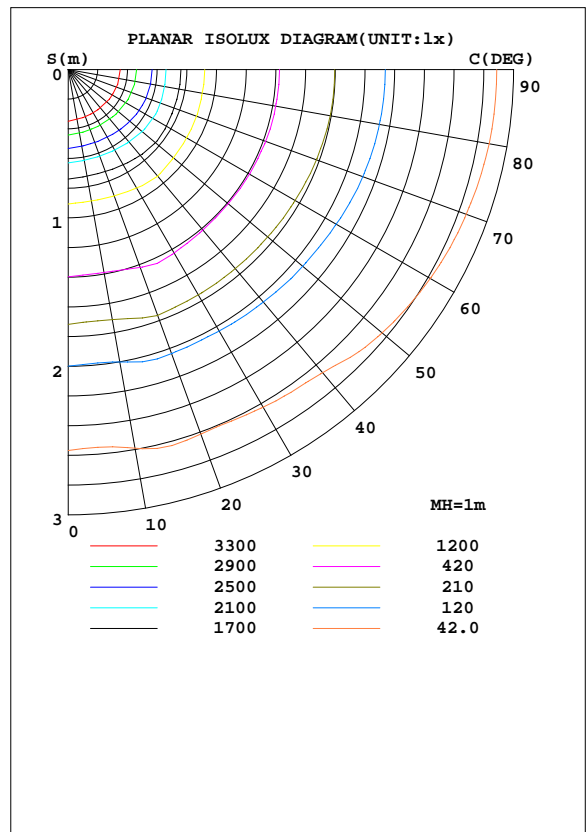
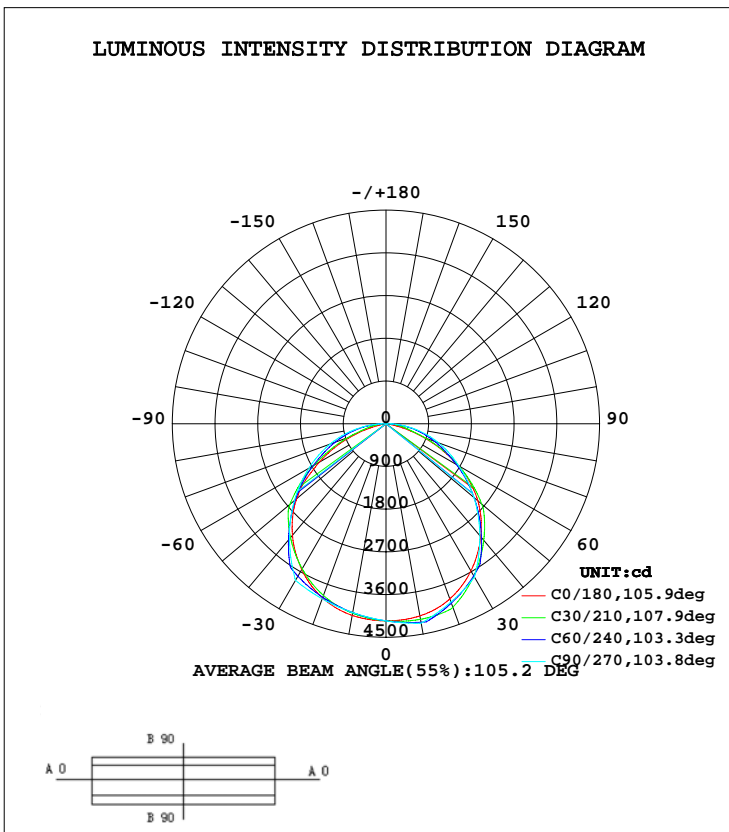


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.95 lm/W			
MODEL	KLHB100WCS(Glass)	I _{max} (cd)	4267	S/MH(C0/180)	1.27
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	11838	η UP, DN(C0-180)	0.0, 50.1
NOMINAL FLUX(lm)	11838.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.3	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance:9.190m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	4139	4105	4096	4107	4144	4190	4210	4186	0- 5	99.23	99.23	0.84,0.84
10	4100	4043	4039	4049	4110	4219	4267	4209	5- 10	296.1	395.3	3.34,3.34
15	4024	3965	3982	3972	4042	4207	4133	4192	10- 15	486.1	881.4	7.45,7.45
20	3907	3867	3925	3877	3927	4057	3999	4036	15- 20	660.5	1542	13,13
25	3748	3749	3868	3762	3771	3881	3864	3854	20- 25	815.2	2357	19.9,19.9
30	3547	3615	3811	3627	3579	3684	3730	3654	25- 30	946.9	3304	27.9,27.9
35	3321	3465	3489	3481	3355	3474	3402	3439	30- 35	1046	4350	36.7,36.7
40	3067	3275	3166	3293	3107	3234	3075	3192	35- 40	1099	5449	46,46
45	2784	2900	2843	2919	2832	2860	2747	2816	40- 45	1110	6560	55.4,55.4
50	2455	2517	2520	2538	2527	2479	2419	2431	45- 50	1081	7641	64.5,64.5
55	2069	2132	2197	2152	2169	2094	2092	2042	50- 55	1012	8652	73.1,73.1
60	1621	1743	1875	1763	1742	1708	1764	1656	55- 60	901.3	9553	80.7,80.7
65	1205	1361	1563	1372	1292	1322	1471	1265	60- 65	758.2	10312	87.1,87.1
70	746.3	1011	1251	1031	842.3	986.9	1178	924.5	65- 70	599.2	10911	92.2,92.2
75	338.8	730.5	938.8	745.4	434.3	725.2	884.3	667.8	70- 75	434.9	11346	95.8,95.8
80	67.00	475.7	626.8	487.0	122.4	474.5	590.9	434.1	75- 80	282.7	11628	98.2,98.2
85	9.521	236.6	314.9	241.5	9.049	235.5	297.6	215.4	80- 85	157.2	11786	99.6,99.6
90	3.724	5.315	2.963	4.008	3.180	3.285	4.272	6.672	85- 90	52.65	11838	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			

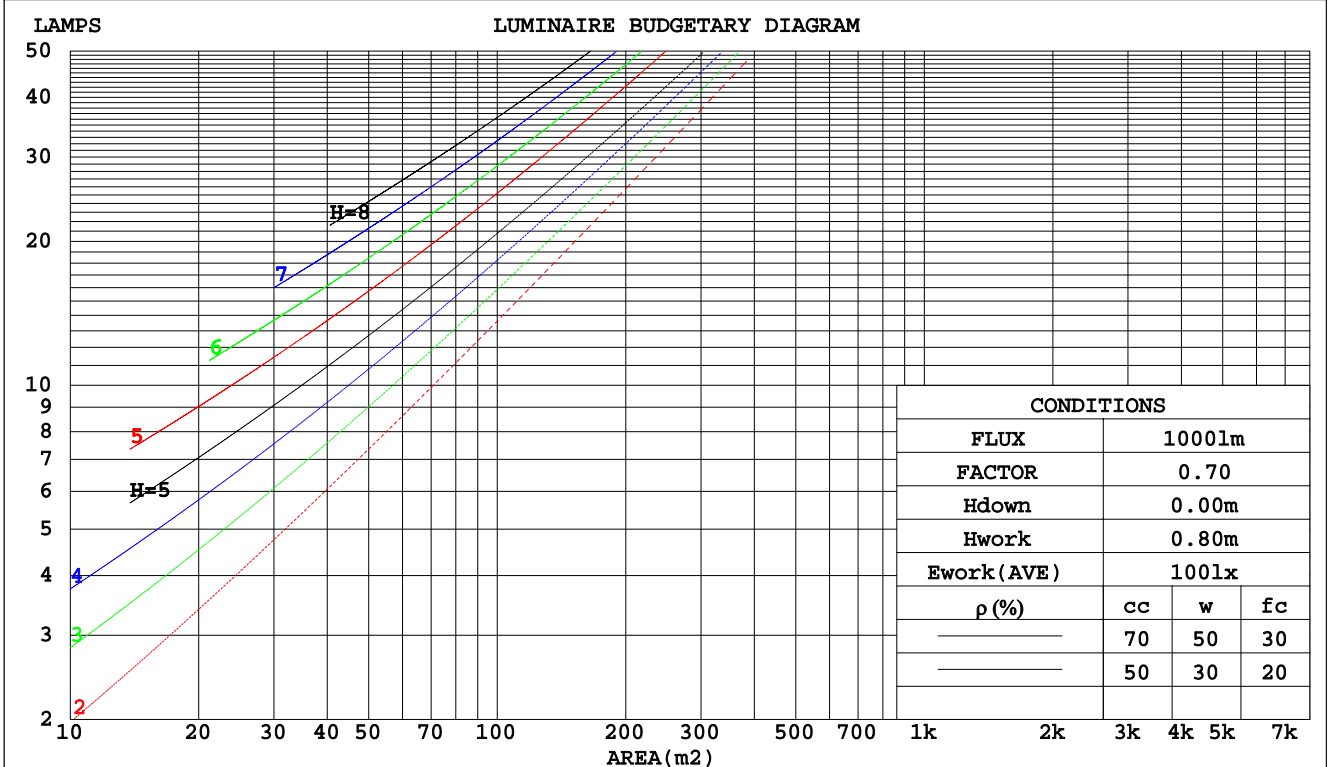
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	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	.00
1.0	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.34	.29	.41	.34	.29	.40	.34	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance: 9.190m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	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	.302	.172	.054	.295	.168	.053	.281	.161	.052	.269	.155	.050	.258	.150	.048	
2.0	.285	.156	.048	.279	.154	.047	.267	.149	.046	.257	.144	.045	.247	.140	.044	
3.0	.265	.141	.042	.259	.139	.042	.249	.135	.041	.240	.131	.040	.231	.128	.040	
4.0	.245	.127	.037	.240	.126	.037	.231	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.227	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.103	.030	.193	.101	.030	.187	.099	.029	
7.0	.197	.097	.028	.194	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.147	.074	.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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.140	.099	.065	.096	.068	.046	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.090	.048	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm										
NAME: LED HIGH BAY					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.: Kili-LED Lighting Limited					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	41.2	42.7	41.5	42.9	43.1	41.6	43.1	41.9	43.3	43.5
3H	42.2	43.6	42.5	43.8	44.0	43.3	44.6	43.6	44.9	45.1
4H	42.3	43.7	42.7	43.9	44.2	44.0	45.3	44.3	45.6	45.8
6H	42.3	43.6	42.6	43.8	44.1	44.6	45.9	45.0	46.1	46.4
8H	42.3	43.5	42.6	43.7	44.0	44.9	46.1	45.2	46.4	46.6
12H	42.2	43.4	42.6	43.7	44.0	45.1	46.2	45.4	46.5	46.8
4H 2H	41.8	43.1	42.1	43.3	43.6	42.1	43.4	42.4	43.7	43.9
3H	42.9	44.0	43.2	44.3	44.6	43.9	45.1	44.3	45.4	45.7
4H	43.1	44.2	43.5	44.5	44.8	44.9	45.9	45.2	46.2	46.6
6H	43.1	44.1	43.5	44.4	44.8	45.6	46.6	46.0	46.9	47.3
8H	43.1	44.0	43.5	44.3	44.7	46.0	46.8	46.4	47.2	47.6
12H	43.0	43.8	43.5	44.2	44.6	46.2	47.0	46.6	47.4	47.8
8H 4H	43.5	44.3	43.9	44.7	45.1	45.0	45.9	45.4	46.3	46.6
6H	43.6	44.3	44.1	44.7	45.2	46.0	46.7	46.5	47.1	47.6
8H	43.6	44.3	44.1	44.7	45.1	46.4	47.1	46.9	47.5	48.0
12H	43.6	44.1	44.1	44.6	45.1	46.8	47.4	47.3	47.8	48.3
12H 4H	43.5	44.3	44.0	44.7	45.1	45.0	45.8	45.4	46.2	46.6
6H	43.8	44.4	44.2	44.8	45.3	46.0	46.7	46.5	47.1	47.6
8H	43.8	44.4	44.3	44.8	45.3	46.5	47.1	47.0	47.5	48.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.4 / - 0.6					+ 0.1 / - 0.3				
2.0H	+ 0.5 / - 0.5					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 11838 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance: 9.190m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:

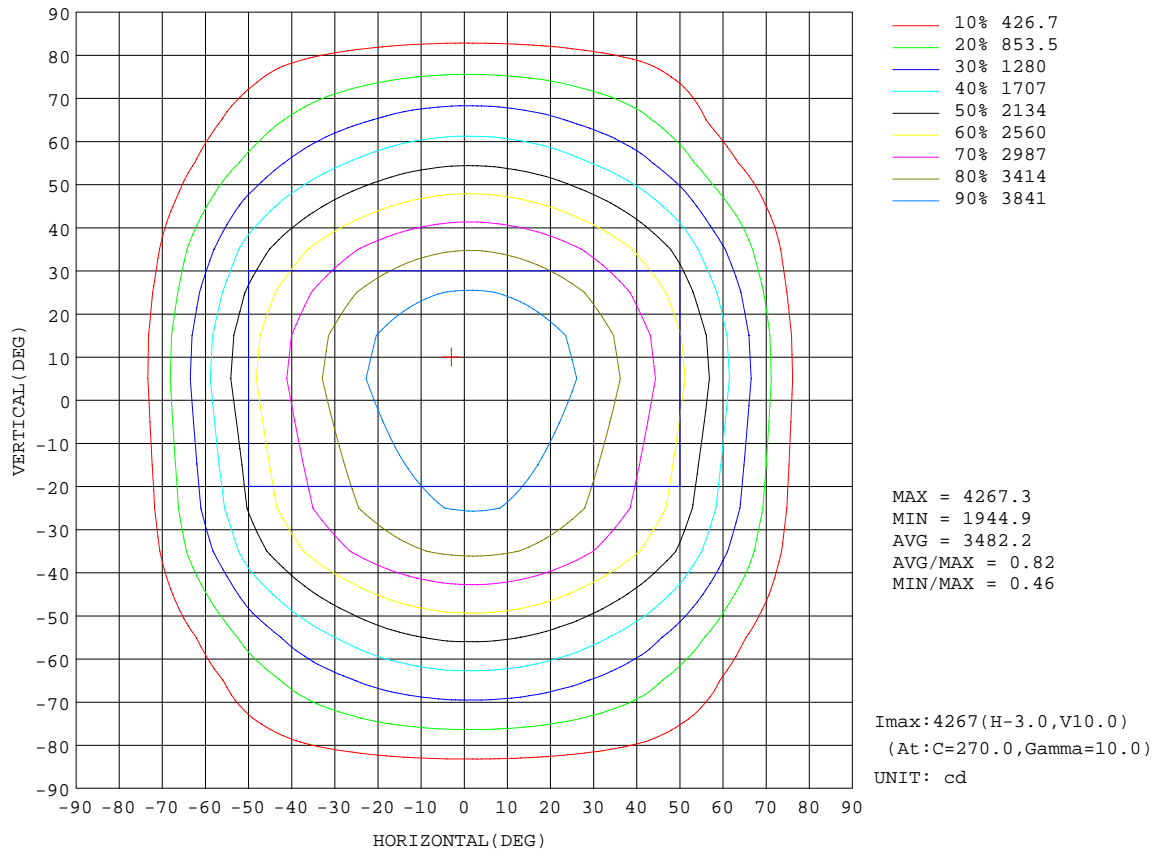
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	40	56	46	40	33
0.80	68	57	50	67	56	49	66	56	49	42
1.00	77	66	59	76	65	59	73	67	58	51
1.25	84	74	67	83	73	66	80	72	65	58
1.50	89	79	72	87	78	72	84	77	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
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:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:

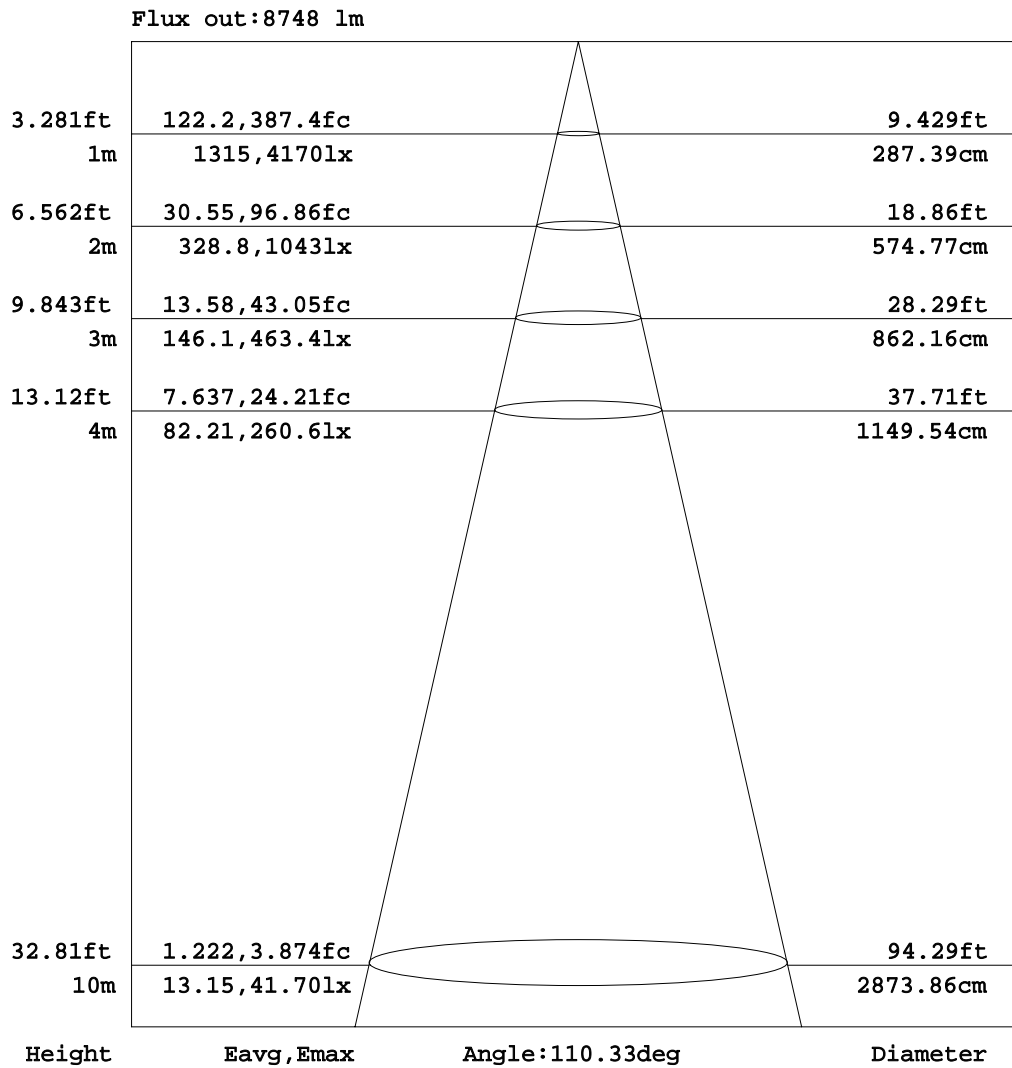


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance: 9.190m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:



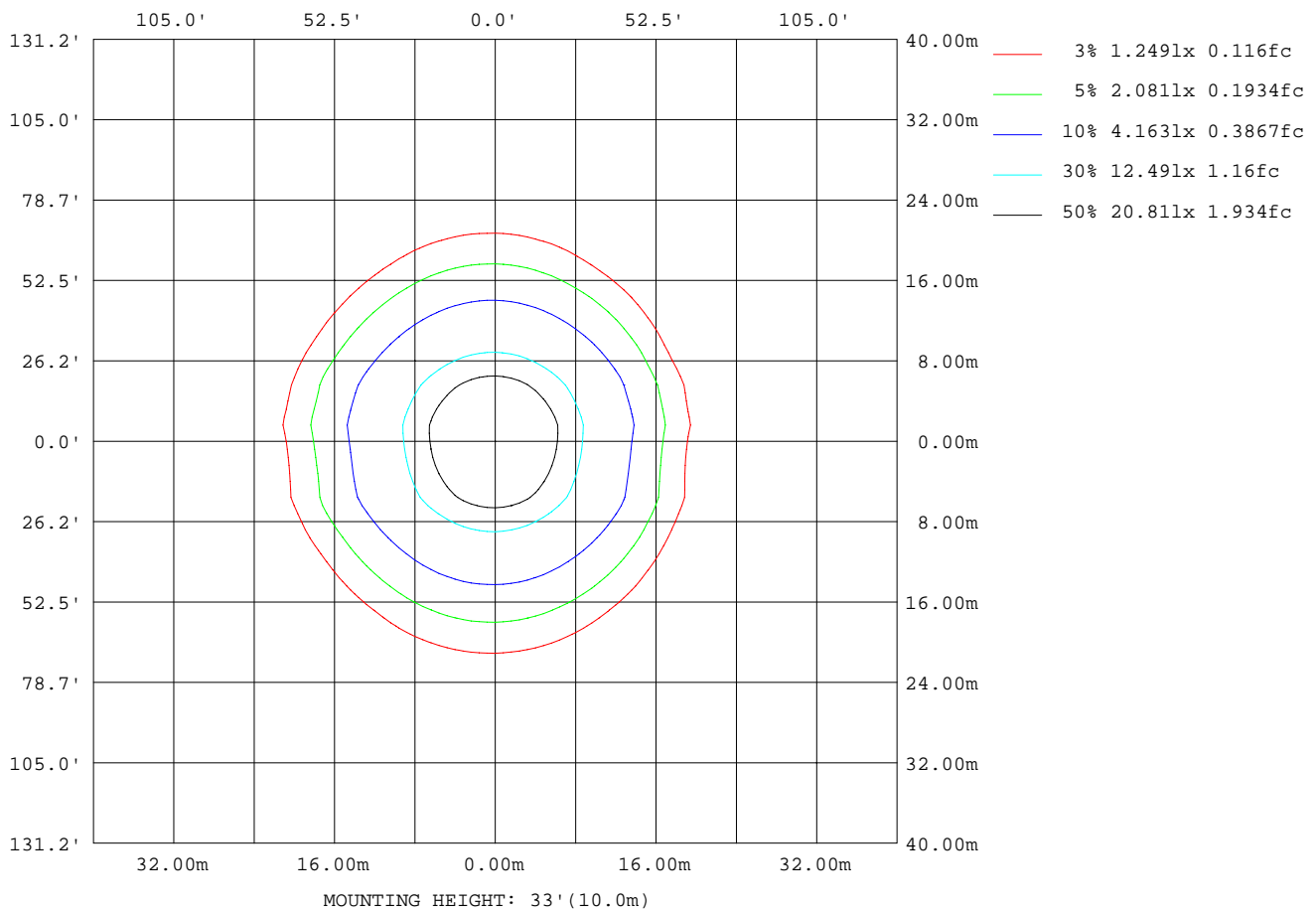
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

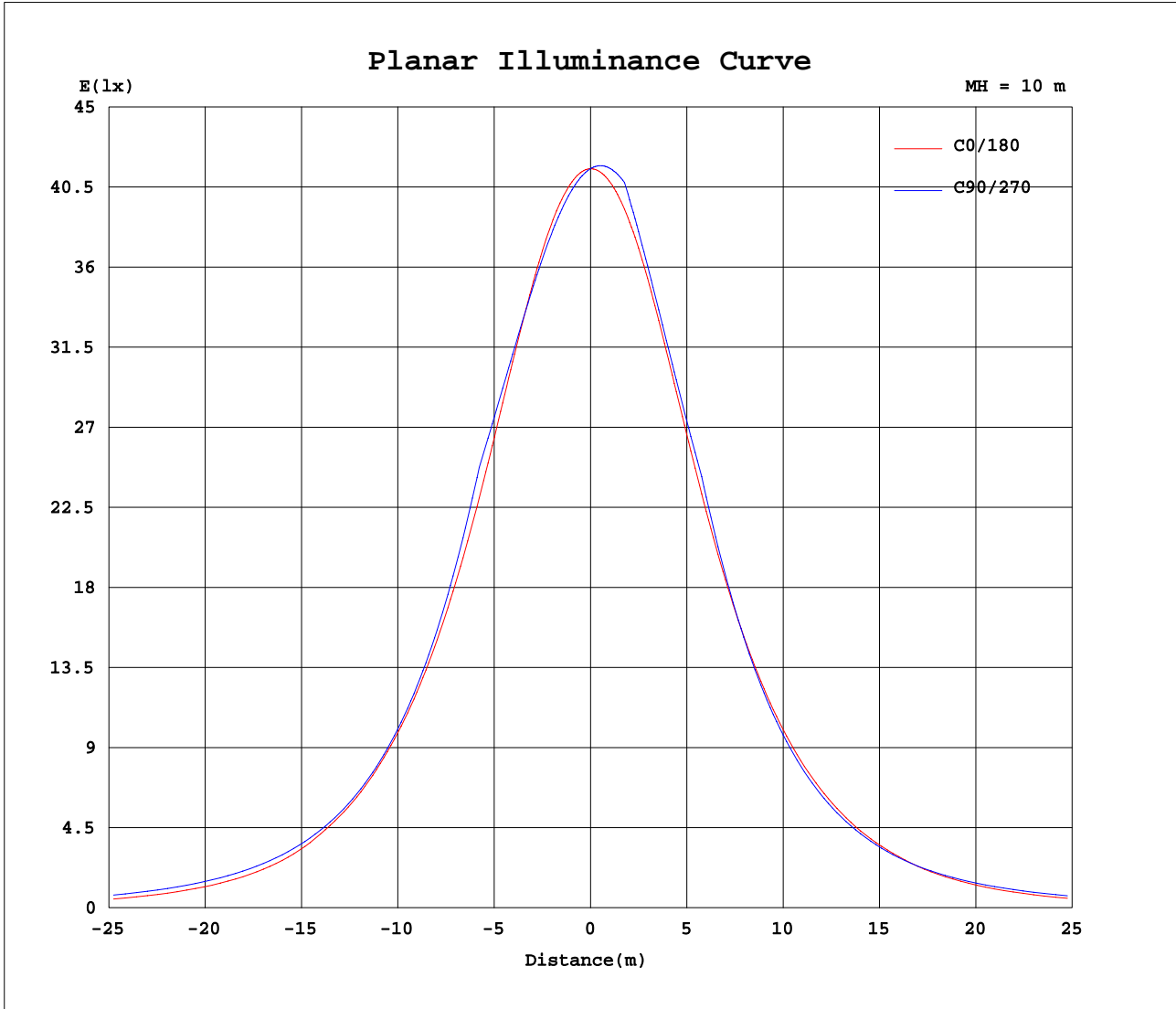
Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance: 9.190m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity: %
 Test Distance: 9.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153
5	4139	4134	4130	4125	4121	4117	4114	4111	4108	4105	4103	4101	4100	4099	4098	4097	4097	4096	4096
10	4100	4090	4081	4072	4065	4059	4053	4049	4046	4043	4041	4040	4039	4039	4038	4039	4039	4039	4039
15	4024	4009	3996	3986	3978	3971	3968	3965	3964	3965	3966	3968	3970	3973	3976	3978	3980	3982	3982
20	3907	3887	3871	3860	3853	3850	3850	3854	3860	3867	3875	3884	3893	3901	3908	3915	3920	3924	3925
25	3748	3723	3706	3696	3693	3696	3704	3716	3732	3749	3768	3787	3805	3822	3837	3850	3859	3866	3868
30	3547	3520	3503	3496	3500	3511	3530	3554	3583	3615	3647	3680	3710	3737	3762	3782	3797	3808	3811
35	3321	3291	3275	3273	3284	3306	3337	3375	3418	3465	3514	3562	3545	3524	3509	3499	3492	3490	3489
40	3067	3035	3022	3027	3048	3083	3130	3185	3245	3275	3240	3215	3197	3185	3175	3170	3166	3166	3166
45	2784	2749	2740	2755	2791	2844	2910	2985	2939	2900	2872	2856	2845	2842	2839	2840	2840	2843	2843
50	2455	2415	2417	2456	2515	2588	2644	2587	2546	2517	2501	2491	2492	2495	2502	2509	2514	2519	2520
55	2069	2025	2033	2078	2167	2270	2210	2169	2147	2132	2125	2128	2139	2148	2165	2177	2188	2196	2197
60	1621	1583	1605	1682	1783	1752	1753	1742	1741	1743	1751	1767	1782	1803	1827	1844	1861	1872	1875
65	1205	1172	1219	1309	1284	1279	1289	1308	1325	1361	1380	1406	1443	1480	1508	1531	1549	1559	1563
70	746	740	814	842	835	833	861	887	929	1011	1067	1109	1145	1178	1200	1222	1239	1248	1251
75	339	347	423	433	432	436	500	590	660	731	787	823	854	880	898	916	929	936	939
80	67.0	82.1	118	116	146	218	298	371	426	476	520	545	567	585	598	611	620	625	627
85	9.52	11.3	11.5	23.8	60.6	102	142	181	211	237	261	274	285	293	300	307	312	314	315
90	3.72	5.78	6.06	5.83	7.27	6.99	5.79	5.78	5.60	5.32	4.97	4.58	4.13	3.69	3.32	3.07	2.97	2.96	2.96

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	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	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153
5	4096	4097	4098	4099	4100	4101	4103	4105	4107	4110	4114	4117	4121	4125	4130	4134	4139	4144	4149
10	4040	4040	4039	4040	4041	4043	4044	4047	4049	4053	4057	4062	4067	4074	4082	4090	4100	4110	4121
15	3982	3980	3979	3978	3977	3975	3974	3973	3972	3973	3975	3979	3984	3992	4001	4012	4026	4042	4060
20	3924	3920	3917	3912	3905	3898	3890	3883	3877	3872	3868	3866	3867	3871	3878	3890	3906	3927	3952
25	3866	3859	3852	3840	3826	3811	3795	3779	3762	3745	3731	3720	3714	3712	3717	3728	3746	3771	3804
30	3807	3797	3783	3763	3740	3716	3688	3658	3627	3598	3572	3551	3535	3526	3525	3533	3551	3579	3619
35	3489	3494	3501	3512	3529	3551	3571	3526	3481	3437	3397	3361	3333	3313	3304	3307	3324	3355	3401
40	3166	3171	3173	3181	3192	3207	3228	3255	3293	3266	3209	3157	3114	3080	3061	3058	3073	3107	3160
45	2844	2846	2844	2847	2852	2859	2870	2889	2919	2962	3012	2939	2876	2827	2795	2783	2795	2832	2894
50	2522	2521	2515	2512	2510	2507	2509	2516	2538	2570	2614	2676	2623	2555	2506	2483	2488	2527	2599
55	2201	2195	2186	2175	2167	2153	2141	2142	2152	2169	2199	2243	2316	2265	2185	2125	2121	2169	2265
60	1879	1870	1856	1839	1822	1799	1777	1766	1763	1766	1771	1802	1854	1880	1777	1716	1699	1742	1859
65	1566	1556	1542	1521	1494	1457	1419	1394	1372	1352	1343	1357	1346	1362	1398	1305	1262	1292	1392
70	1253	1244	1231	1214	1188	1152	1118	1081	1031	952	921	903	884	897	932	897	823	842	911
75	941	933	923	909	887	857	829	795	745	682	614	524	466	472	480	494	422	434	476
80	628	623	615	605	590	570	550	524	487	441	386	316	237	162	148	155	129	122	144
85	316	313	309	304	296	286	275	262	242	217	188	151	107	68.2	32.8	11.4	12.2	9.05	12.4
90	2.97	2.97	3.09	3.30	3.52	3.75	3.95	4.01	4.01	4.00	4.31	4.63	4.94	4.90	4.39	3.52	2.76	3.18	2.98

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:%
 Test Distance:9.190m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.8291A P:99.52W PF:0.9981 Lamp Flux:11838.3x1 lm		
NAME: LED HIGH BAY	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Kili-LED Lighting Limited	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153	4153
5	4155	4160	4165	4170	4176	4180	4185	4190	4194	4198	4201	4204	4206	4208	4209	4210	4210	4210	4209
10	4133	4145	4158	4171	4183	4196	4207	4219	4229	4238	4246	4253	4258	4262	4265	4267	4267	4266	4264
15	4080	4101	4124	4147	4170	4193	4215	4207	4191	4178	4166	4156	4148	4142	4137	4134	4133	4133	4134
20	3982	4015	4051	4089	4115	4092	4073	4057	4043	4032	4023	4016	4010	4005	4001	3999	3999	3998	3996
25	3842	3887	3937	3946	3922	3904	3891	3881	3874	3870	3867	3865	3865	3865	3864	3864	3864	3862	3856
30	3668	3727	3749	3721	3702	3690	3685	3684	3687	3692	3698	3706	3713	3721	3725	3728	3730	3725	3714
35	3460	3523	3490	3470	3461	3460	3465	3474	3487	3503	3477	3454	3435	3421	3412	3405	3402	3400	3399
40	3231	3242	3215	3203	3204	3215	3234	3234	3189	3155	3130	3112	3099	3089	3083	3078	3075	3072	3069
45	2980	2942	2922	2922	2937	2962	2907	2860	2824	2797	2778	2768	2762	2755	2753	2751	2747	2744	2739
50	2652	2616	2609	2625	2634	2568	2516	2479	2452	2434	2425	2421	2422	2422	2423	2423	2419	2416	2408
55	2282	2264	2277	2283	2210	2158	2121	2094	2078	2071	2069	2072	2082	2088	2093	2096	2092	2088	2077
60	1843	1832	1876	1826	1770	1742	1720	1708	1705	1706	1712	1724	1741	1755	1762	1769	1764	1760	1746
65	1369	1382	1351	1338	1326	1314	1323	1322	1330	1347	1378	1406	1434	1454	1465	1474	1471	1467	1451
70	903	918	892	889	888	885	930	987	1029	1065	1094	1119	1143	1162	1172	1180	1178	1174	1160
75	497	472	483	480	527	589	662	725	760	791	815	836	855	871	879	886	884	881	870
80	164	157	172	250	327	374	424	475	502	524	541	556	570	581	587	592	591	589	581
85	11.0	35.1	72.4	115	153	183	208	235	250	262	272	279	286	293	296	298	298	296	292
90	3.29	3.68	3.88	3.49	3.01	3.03	3.07	3.29	3.56	3.62	3.83	4.04	4.25	4.56	4.68	4.63	4.27	3.87	3.57

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2017-02-23

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:%
Test Distance:9.190m [K=1.0000]
Remarks:

