



Light Output Ratio:	100.0%	
Luminaire Power:	148.6 W	
SHR Nominal:	1.50	Calculated using the TM5
SHR Maximum:	1.50	fine grid method.

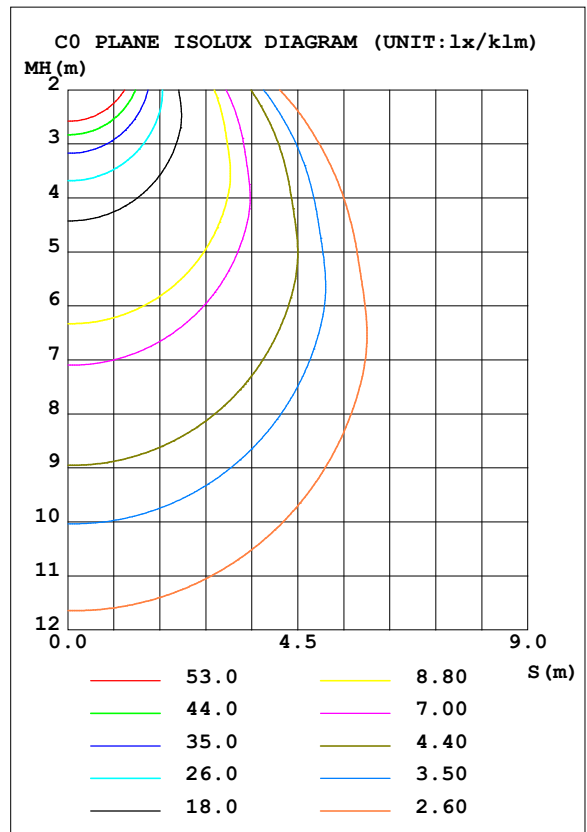
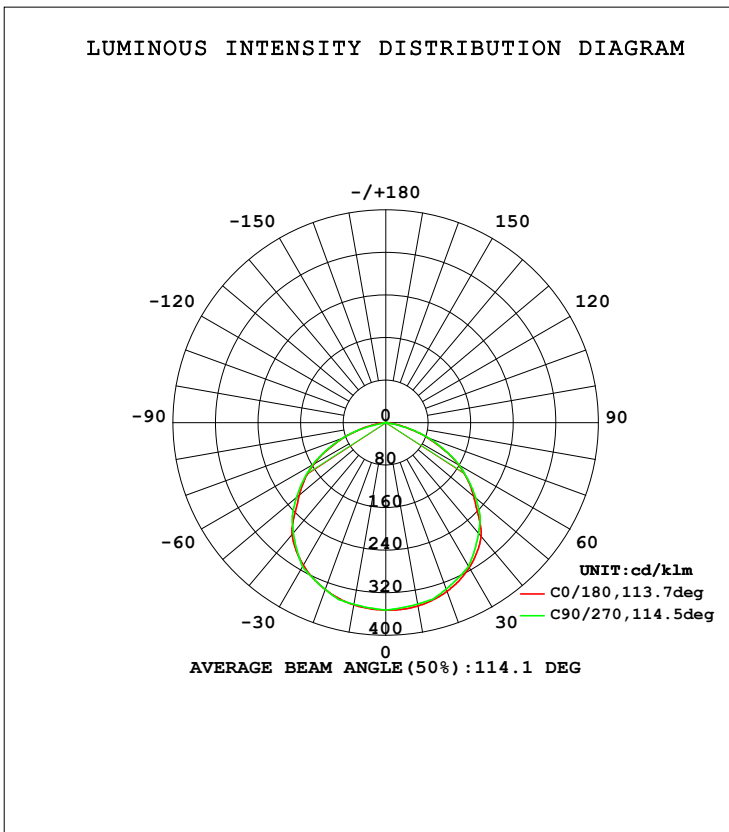
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.43 lm/W			
		Imax(cd/klm)	352.7	S/MH(C0/180)	1.31
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm/klm)	1000.00	η UP, DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	19379.9	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220.0	η down(%)	100.0	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.610m [K=1.0250]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	352.4	350.4	349.4	349.6	351.3	349.7	349.6	350.5	0- 5	8.394	8.394	0.84,0.84
10	349.9	347.0	346.4	345.7	347.9	346.0	346.8	347.3	5- 10	24.94	33.33	3.33,3.33
15	345.0	342.4	343.4	340.5	342.1	340.9	344.1	342.8	10- 15	40.88	74.21	7.42,7.42
20	337.5	336.5	332.9	334.3	333.9	334.8	333.8	337.1	15- 20	55.77	130.0	13,13
25	327.5	324.8	322.5	322.1	323.1	322.8	323.5	325.5	20- 25	68.97	199.0	19.9,19.9
30	314.5	311.0	312.0	308.0	309.9	308.7	313.2	311.8	25- 30	80.29	279.2	27.9,27.9
35	298.7	295.9	291.8	292.7	293.8	293.6	291.8	296.9	30- 35	89.21	368.5	36.8,36.8
40	279.0	278.4	271.7	275.4	274.6	276.1	270.5	279.5	35- 40	94.92	463.4	46.3,46.3
45	246.4	252.8	251.6	250.8	241.9	250.2	249.2	253.5	40- 45	97.13	560.5	56.1,56.1
50	216.1	225.0	220.9	223.4	212.8	223.0	219.3	224.5	45- 50	94.86	655.4	65.5,65.5
55	188.3	191.6	190.1	190.4	186.3	190.4	189.4	189.9	50- 55	88.86	744.2	74.4,74.4
60	157.1	152.6	159.4	153.0	156.2	152.1	159.5	152.5	55- 60	79.88	824.1	82.4,82.4
65	120.1	117.7	122.7	118.6	120.7	118.3	123.4	118.4	60- 65	67.73	891.8	89.2,89.2
70	83.71	83.76	86.05	84.87	86.15	85.44	87.22	84.69	65- 70	52.25	944.1	94.4,94.4
75	46.86	50.03	49.37	51.90	49.67	52.53	51.05	51.01	70- 75	35.40	979.5	97.9,97.9
80	18.66	17.46	0	19.46	21.54	19.77	0	18.44	75- 80	17.29	996.8	99.7,99.7
85	1.037	0	0	0	1.209	0	0	0	80- 85	3.123	999.9	100,100
90	0.0432	0	0	0	0.0618	0	0	0	85- 90	0.1042	1000.0	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/klm								UNIT:lm/klm			

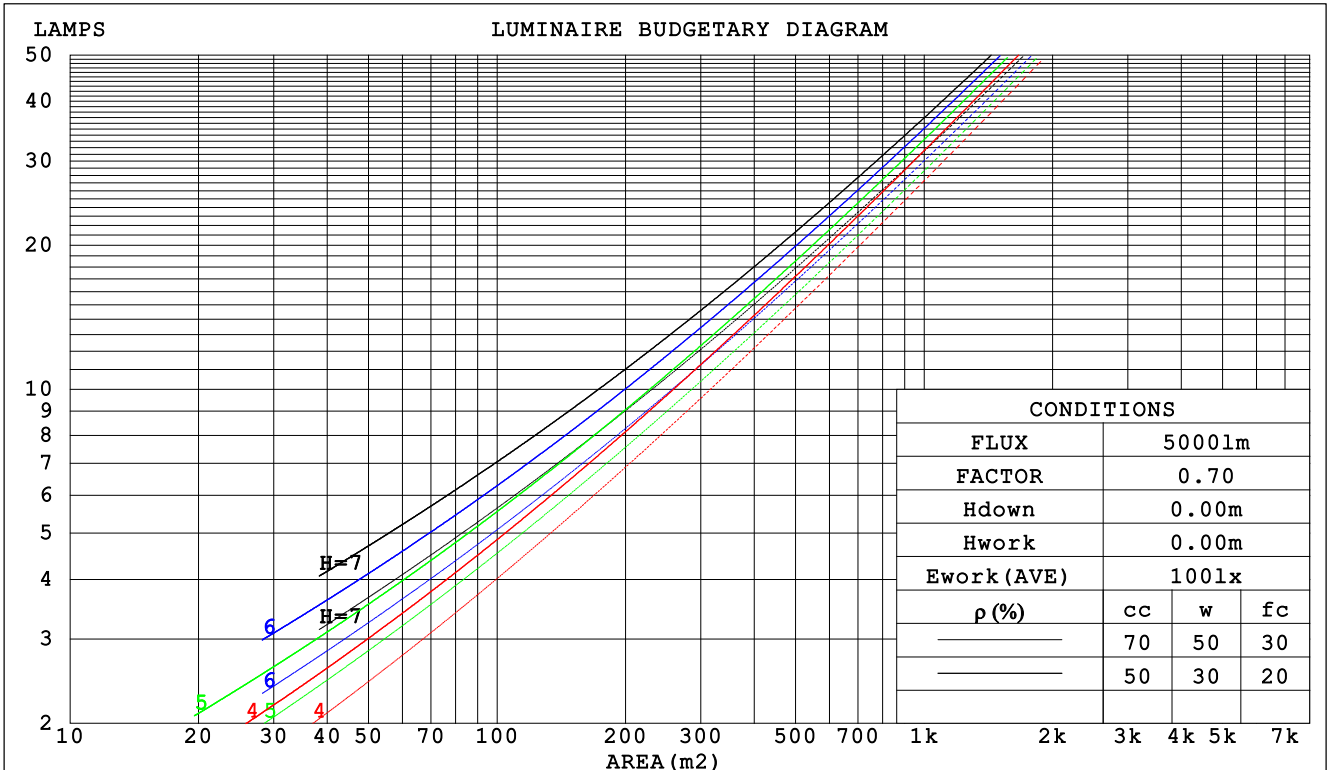
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	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	1.19	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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.88	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.42	.57	.48	.42	.55	.47	.42	.53	.47	.41	.52	.46	.41	.39
7.0	.52	.44	.37	.51	.43	.37	.50	.42	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.48	.39	.33	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

WEC AND CCEC

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	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	.285	.162	.051	.278	.159	.050	.265	.152	.049	.253	.146	.047	.242	.140	.045	
2.0	.276	.152	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042	
3.0	.260	.138	.041	.254	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035	
5.0	.225	.115	.033	.221	.113	.033	.213	.111	.033	.205	.108	.032	.198	.106	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.170	.083	.023	.164	.081	.023	.160	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.160	.077	.022	.155	.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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.049	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.116	.065	.029	.080	.046	.021	.046	.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	.042	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm										
NAME: LED Canopy Light					TYPE:LED			WEIGHT:5Kg		
					DIM.: 420*420*100mm			SERIAL No.:1		
					SUR.:151.6*203.6mm			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	17.1	18.6	17.3	18.8	19.0	17.2	18.7	17.5	18.9	19.1
3H	18.3	19.6	18.6	19.9	20.1	18.4	19.8	18.7	20.1	20.3
4H	18.6	19.9	18.9	20.1	20.4	18.8	20.1	19.1	20.3	20.6
6H	18.7	19.9	19.0	20.2	20.5	18.8	20.0	19.1	20.3	20.6
8H	18.7	19.8	19.0	20.1	20.4	18.7	19.9	19.1	20.2	20.5
12H	18.6	19.7	19.0	20.0	20.3	18.7	19.8	19.0	20.1	20.4
4H 2H	17.6	18.9	17.9	19.2	19.4	17.7	19.0	18.0	19.3	19.5
3H	18.9	20.1	19.3	20.4	20.7	19.1	20.2	19.4	20.5	20.8
4H	19.3	20.4	19.7	20.7	21.0	19.5	20.5	19.9	20.9	21.2
6H	19.5	20.4	19.9	20.8	21.1	19.5	20.4	19.9	20.8	21.2
8H	19.5	20.3	19.9	20.7	21.1	19.5	20.3	19.9	20.7	21.1
12H	19.5	20.2	19.9	20.6	21.0	19.4	20.2	19.9	20.6	21.0
8H 4H	19.5	20.3	19.9	20.7	21.1	19.6	20.5	20.0	20.8	21.2
6H	19.7	20.4	20.1	20.8	21.2	19.7	20.4	20.1	20.8	21.2
8H	19.7	20.3	20.2	20.8	21.2	19.6	20.2	20.1	20.7	21.1
12H	19.7	20.2	20.2	20.7	21.1	19.6	20.1	20.1	20.6	21.0
12H 4H	19.4	20.2	19.9	20.6	21.0	19.6	20.4	20.0	20.7	21.2
6H	19.7	20.3	20.1	20.7	21.2	19.7	20.3	20.1	20.7	21.1
8H	19.7	20.2	20.2	20.7	21.1	19.6	20.1	20.1	20.6	21.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

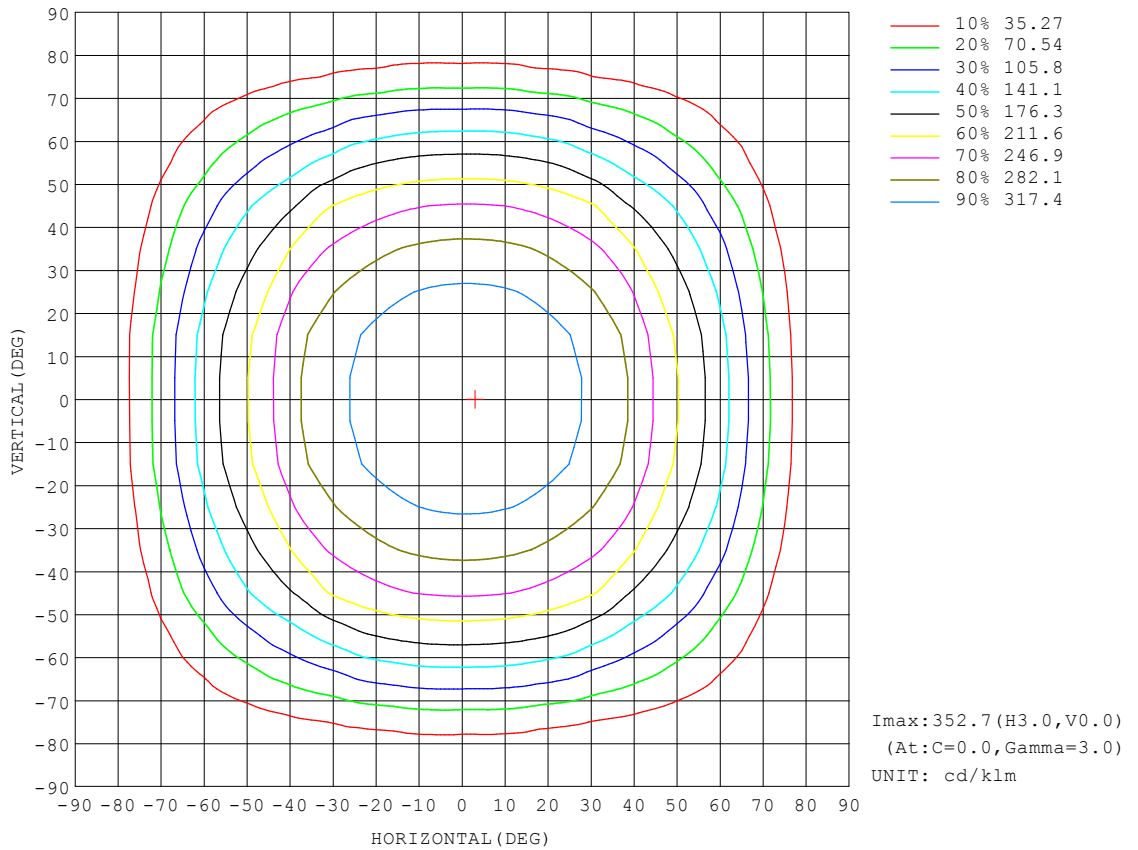
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	66	59	76	66	59	74	67	59	52
1.25	85	74	67	83	74	67	80	72	66	59
1.50	90	80	73	88	79	73	85	77	72	64
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	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:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

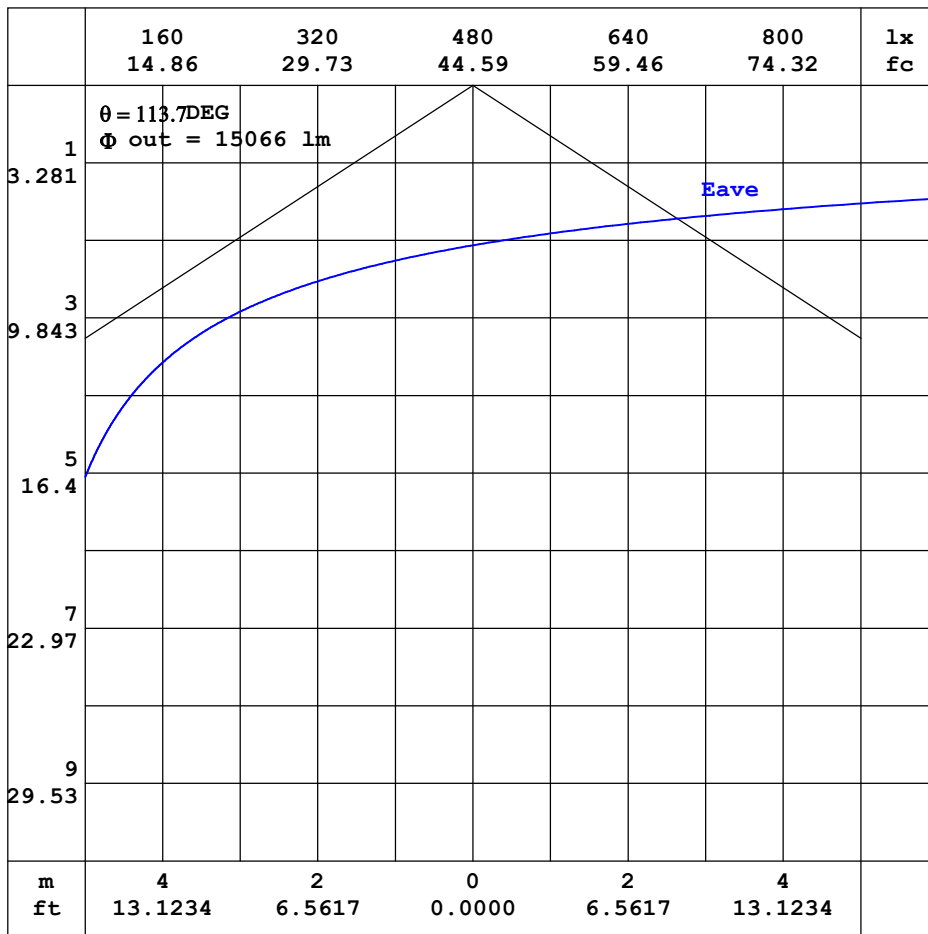


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.610m [K=1.0250]
 Remarks:

AAI CURVES

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:



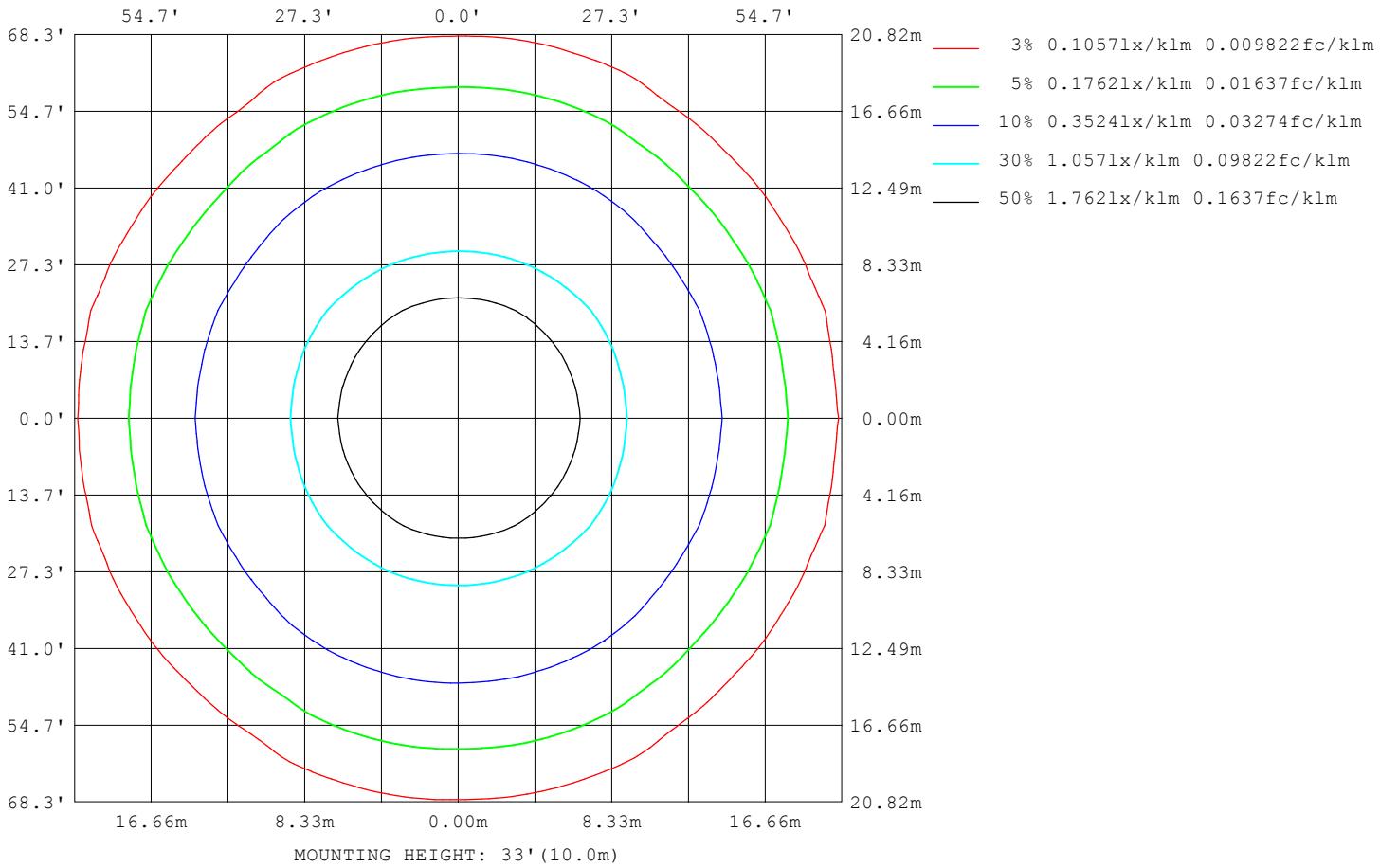
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

LED Avg.L Report

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

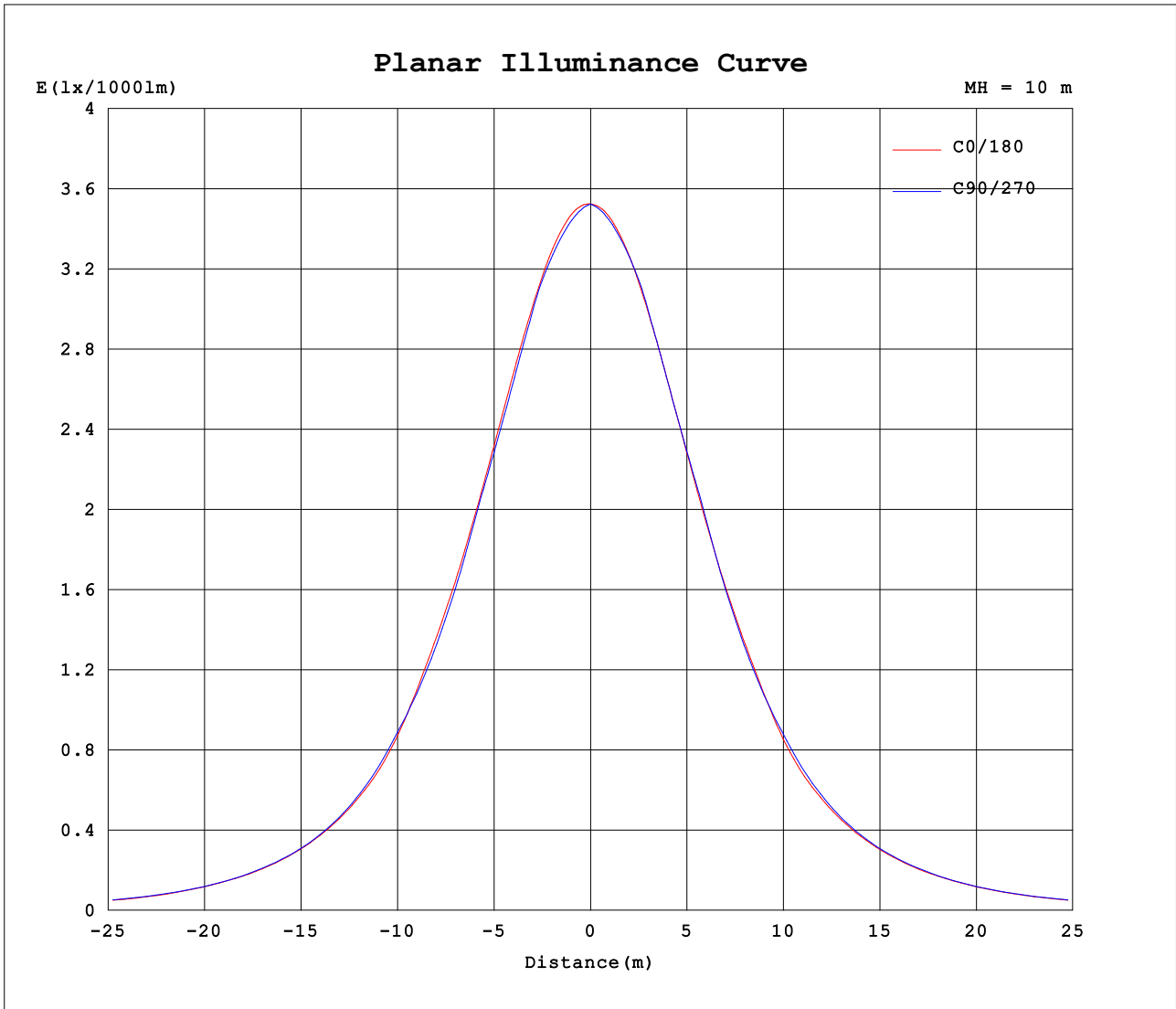
AvgL	cd/m2
L_0~180 (65) av	55225
L_0~180 (75) av	36141
L_0~180 (85) av	2498
L_90~270 (65) av	56431
L_90~270 (75) av	37595
L_90~270 (85) av	0
L_45 (65) av	54236
L_45 (75) av	38463
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.610m [K=1.0250]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--1

UNIT: cd/k.lm

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352
5	352	352	352	352	351	351	351	351	351	350	350	350	350	350	350	350	350	349	349
10	350	349	349	348	348	348	347	347	347	347	347	347	347	347	347	347	347	347	346
15	345	344	343	343	343	342	342	342	342	342	343	343	343	343	343	343	344	344	343
20	338	336	336	335	335	335	335	335	336	337	336	336	335	334	334	334	333	333	333
25	327	326	325	325	325	325	326	327	326	325	324	324	323	323	323	323	323	323	322
30	315	313	312	312	312	313	313	312	311	311	311	311	311	312	312	312	312	312	312
35	299	297	296	296	297	297	296	295	295	296	297	298	296	295	294	293	292	292	292
40	279	277	276	278	279	277	277	277	278	278	276	275	274	273	273	272	272	272	272
45	246	244	245	249	249	251	254	257	254	253	252	251	251	251	252	252	251	251	252
50	216	214	214	215	214	217	221	222	223	225	226	227	226	225	223	223	222	221	221
55	188	186	187	186	187	187	186	186	187	192	194	193	193	192	192	191	191	190	190
60	157	155	156	155	157	155	154	155	153	153	155	156	159	159	160	160	160	159	159
65	120	119	120	122	120	120	121	119	118	118	119	118	123	124	124	124	124	123	123
70	83.7	83.0	83.3	83.2	82.7	81.9	83.0	82.1	83.6	83.8	83.9	83.1	85.0	86.4	85.8	86.9	87.0	86.6	86.1
75	46.9	46.8	47.2	46.8	48.3	47.0	49.4	49.6	50.1	50.0	50.0	48.8	49.1	49.1	48.1	49.9	50.3	50.1	49.4
80	18.7	18.2	18.5	19.3	20.0	21.4	21.6	20.7	19.3	17.5	16.1	13.2	10.6	7.87	5.20	3.18	1.47	0.37	0.00
85	1.04	2.28	3.44	4.55	4.16	2.28	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	0.04	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	0.00	0.00	0.00	0.00	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-2000B_V1 SYSTEM V2.0.291
 Temperature: 25.3DEG Humidity: 65.0%
 Operators: Test Distance: 7.610m [K=1.0250]
 Test Date: 2016-02-26 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--2

UNIT: cd/klm

C (DEG) \ γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	
5	349	349	349	349	349	349	349	350	350	350	350	350	350	350	351	351	351	351	351	
10	346	346	346	346	346	346	346	346	346	346	346	346	346	346	347	347	347	348	347	
15	343	343	343	342	342	342	341	341	340	340	340	340	340	340	340	341	341	342	341	
20	333	333	333	333	333	333	334	334	334	333	333	332	332	332	332	332	333	334	333	
25	322	322	322	322	322	321	322	322	322	323	324	323	322	321	321	321	322	323	322	
30	312	311	311	310	310	309	309	308	308	308	309	310	310	308	308	308	308	310	309	
35	292	292	292	293	293	294	295	294	293	292	292	292	294	294	292	292	292	294	292	
40	272	272	272	272	272	272	273	274	275	275	274	273	274	275	274	273	273	275	273	
45	252	252	252	251	251	251	250	250	251	251	254	250	247	245	245	241	240	242	240	
50	221	222	223	223	225	226	227	226	223	220	219	216	214	212	213	212	211	213	211	
55	191	191	191	192	192	193	192	194	190	187	185	185	186	185	185	186	185	186	185	
60	160	160	160	160	159	157	155	155	153	154	157	155	155	157	155	157	155	156	155	
65	124	124	124	124	124	120	118	119	119	120	120	123	123	122	122	122	121	121	121	
70	87.2	87.5	86.7	86.6	87.1	84.6	84.3	85.0	84.9	84.6	83.9	85.7	85.4	86.9	85.7	85.8	87.2	86.1	87.6	
75	50.8	51.0	49.5	49.6	50.5	50.1	50.8	51.9	51.9	51.7	51.7	51.9	50.1	51.9	51.0	50.3	50.4	49.7	51.0	
80	0.38	1.49	3.15	5.42	8.20	11.1	14.3	17.3	19.5	21.2	22.9	23.6	23.5	22.3	22.0	22.1	21.3	21.5	21.8	
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	0.00	2.69	4.76	5.08	4.12	2.76	1.21	2.86
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	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--3

UNIT: cd/k.lm

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352
5	351	351	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
10	347	347	346	346	346	346	346	346	346	346	346	346	346	347	347	347	347	347	347
15	341	340	340	340	340	340	341	341	341	342	342	343	343	343	344	344	344	344	344
20	332	332	332	332	333	333	334	335	335	334	334	334	334	334	334	334	334	334	334
25	321	321	321	322	323	324	323	323	322	322	322	322	323	323	323	323	323	324	324
30	308	308	309	310	310	309	309	309	309	309	310	311	311	312	313	313	313	313	313
35	292	293	294	294	293	293	293	294	295	296	295	294	293	292	292	292	292	292	293
40	273	275	276	274	274	274	276	276	274	273	272	271	271	271	270	270	271	271	271
45	242	247	247	249	252	255	252	250	249	249	248	248	249	249	249	249	249	249	250
50	212	213	213	215	219	220	221	223	223	224	223	222	221	220	220	219	219	220	221
55	187	185	186	186	184	185	186	190	192	191	191	191	190	190	190	189	189	190	191
60	157	156	157	155	154	155	152	152	155	155	159	159	159	160	160	160	160	160	160
65	122	124	121	122	122	120	119	118	119	119	124	125	124	125	124	124	123	124	125
70	86.4	85.9	86.3	85.3	85.5	83.9	85.9	85.4	85.4	84.7	87.0	88.3	87.4	88.8	88.6	88.0	87.2	88.4	88.6
75	50.6	50.6	52.0	49.9	52.0	52.0	52.9	52.5	52.8	51.4	52.3	52.2	50.6	52.8	52.7	52.2	51.1	52.5	52.5
80	22.3	22.1	22.2	23.7	24.2	23.1	22.4	19.8	18.2	14.6	11.7	8.53	5.53	3.39	1.54	0.39	0.00	0.39	1.54
85	3.94	4.66	4.07	2.61	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:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.6749A P:148.6W PF:0.9572 Lamp Flux:19379.9x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 420*420*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--4

UNIT: cd/klm

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	352	352	352	352	352	352	352	352	352	352	352	352	352	352	352				
5	350	350	350	350	350	350	351	351	351	351	351	351	352	352	352				
10	347	347	347	347	347	347	347	347	348	348	348	348	348	349	349				
15	344	344	344	344	343	343	343	343	343	343	343	343	343	344	344				
20	334	335	335	336	336	337	337	336	336	335	335	335	335	336	337				
25	324	324	324	324	325	325	326	326	327	326	326	325	325	325	326				
30	313	313	313	312	312	312	312	312	313	314	314	313	312	312	313				
35	294	295	296	297	299	298	297	296	296	297	298	298	297	296	297				
40	272	273	273	274	276	277	279	279	278	277	278	279	278	277	277				
45	250	251	251	251	251	252	253	255	258	254	250	249	248	245	244				
50	222	223	224	226	227	226	225	222	222	220	217	215	215	214	214				
55	191	192	192	193	193	193	190	187	186	186	188	187	187	188	186				
60	160	160	160	158	155	155	153	154	156	155	156	158	156	156	155				
65	125	124	125	122	119	119	118	119	119	122	121	121	123	120	118				
70	87.8	87.0	87.8	85.3	84.1	84.9	84.7	84.4	82.6	83.8	82.8	83.8	83.8	83.5	82.9				
75	50.7	49.9	51.1	50.3	50.2	51.5	51.0	50.9	50.3	49.9	47.4	49.1	47.6	47.6	46.6				
80	3.23	5.45	8.32	11.0	13.9	17.1	18.4	20.3	21.6	22.0	21.8	20.0	19.5	19.1	18.9				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	4.17	4.10	3.29	2.18				
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:25.3DEG
 Operators:
 Test Date:2016-02-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.610m [K=1.0250]
 Remarks: