



Light Output Ratio:	100.0%	
Luminaire Power:	74.88 W	
SHR Nominal:	1.50	Calculated using the TM5
SHR Maximum:	1.50	fine grid method.

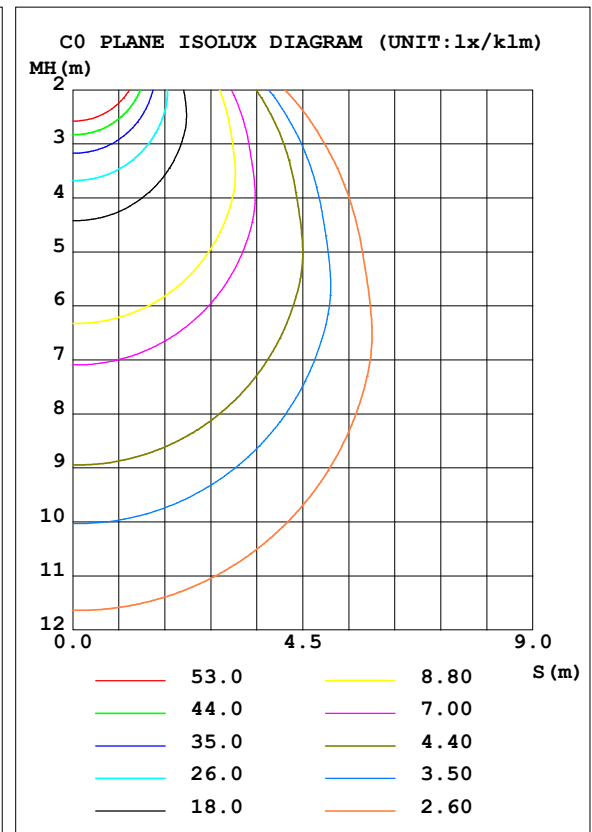
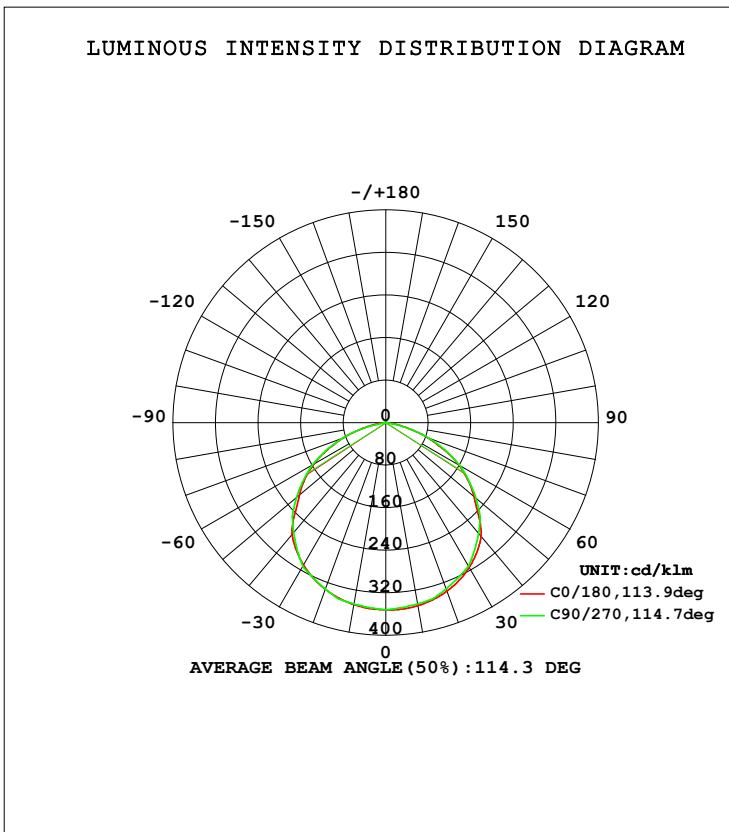
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-27

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=0.9790]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.82 lm/W			
		Imax (cd/klm)	352.3	S/MH (C0/180)	1.31
NOMINAL POWER (W)	75	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	220	TOTAL FLUX (lm/klm)	1000.00	η UP, DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	9721.08	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: 2016-02-27

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=0.9790]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	352.0	350.0	349.0	349.2	350.8	349.2	349.1	350.1	0- 5	8.383	8.383	0.84,0.84
10	349.5	346.6	346.0	345.3	347.4	345.3	346.1	346.7	5- 10	24.90	33.28	3.33,3.33
15	344.6	342.1	343.0	340.1	341.6	340.2	343.2	342.2	10- 15	40.82	74.10	7.41,7.41
20	337.1	336.2	332.6	333.8	333.3	333.9	332.9	336.2	15- 20	55.68	129.8	13,13
25	327.1	324.5	322.1	321.8	322.6	322.0	322.6	324.8	20- 25	68.86	198.6	19.9,19.9
30	314.2	310.7	311.7	307.7	309.4	307.9	312.3	311.0	25- 30	80.15	278.8	27.9,27.9
35	298.3	295.7	291.7	292.4	293.4	292.7	291.0	296.1	30- 35	89.06	367.8	36.8,36.8
40	278.8	278.3	271.7	275.2	274.4	275.2	269.8	278.7	35- 40	94.78	462.6	46.3,46.3
45	247.0	252.8	251.8	250.9	241.8	249.8	248.5	252.9	40- 45	97.05	559.7	56,56
50	216.8	225.3	221.3	224.1	212.5	223.0	219.0	224.2	45- 50	94.90	654.6	65.5,65.5
55	189.0	192.2	190.9	191.6	186.0	191.0	189.4	189.8	50- 55	88.98	743.6	74.4,74.4
60	157.9	153.0	160.5	153.9	156.1	152.6	159.8	152.3	55- 60	80.05	823.6	82.4,82.4
65	120.5	118.1	123.5	119.5	120.7	118.7	123.5	118.3	60- 65	67.92	891.5	89.2,89.2
70	83.87	84.10	86.54	85.62	86.77	85.75	87.16	84.58	65- 70	52.43	944.0	94.4,94.4
75	46.89	50.22	49.56	52.25	49.69	52.60	50.85	50.89	70- 75	35.50	979.5	97.9,97.9
80	18.67	17.50	0	19.53	21.64	19.71	0	18.34	75- 80	17.31	996.8	99.7,99.7
85	1.005	0	0	0	1.196	0	0	0	80- 85	3.117	999.9	100,100
90	0.0312	0	0	0	0.0486	0	0	0	85- 90	0.1028	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			

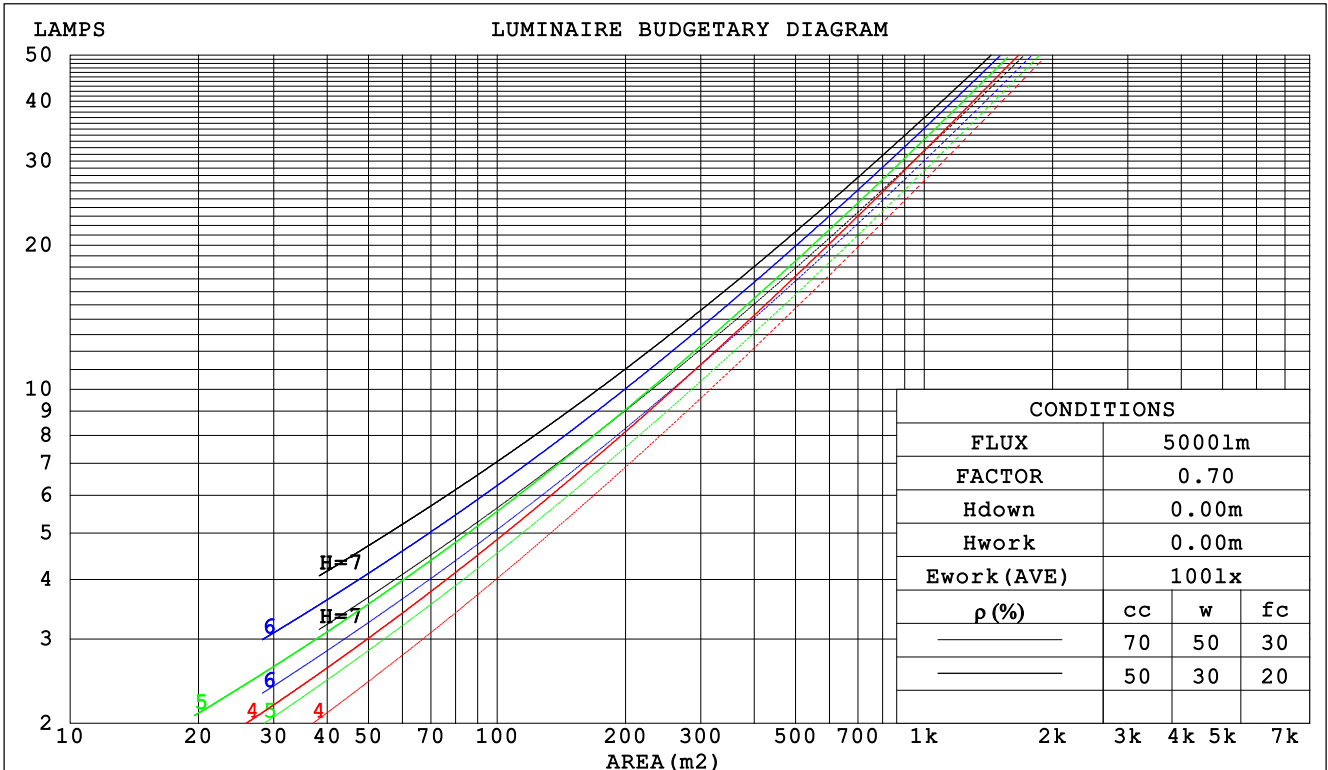
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-27

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=0.9790]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*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	.85	.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	.43	.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	.29	.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:2016-02-27

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=0.9790]
 Remarks:

WEC AND CCEC

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*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	.277	.152	.047	.271	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.043	
3.0	.260	.138	.041	.255	.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	.114	.033	.213	.111	.033	.206	.108	.032	.199	.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	.165	.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	.011	
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:2016-02-27

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=0.9790]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm										
NAME: LED Canopy Light					TYPE:LED			WEIGHT:5Kg		
					DIM.: 400*400*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	17.4	18.8	19.0	17.2	18.7	17.5	18.9	19.1
3H	18.3	19.7	18.6	19.9	20.1	18.5	19.9	18.8	20.1	20.3
4H	18.6	19.9	18.9	20.2	20.4	18.8	20.1	19.1	20.4	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	19.9	19.0	20.1	20.4	18.8	19.9	19.1	20.2	20.5
12H	18.6	19.8	19.0	20.1	20.4	18.7	19.8	19.1	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	19.0	20.1	19.3	20.4	20.7	19.1	20.3	19.5	20.5	20.9
4H	19.4	20.4	19.7	20.7	21.0	19.5	20.6	19.9	20.9	21.2
6H	19.5	20.4	19.9	20.8	21.1	19.6	20.5	20.0	20.8	21.2
8H	19.5	20.4	19.9	20.7	21.1	19.5	20.4	19.9	20.7	21.1
12H	19.5	20.3	19.9	20.6	21.0	19.5	20.3	19.9	20.6	21.0
8H 4H	19.5	20.3	19.9	20.7	21.1	19.6	20.5	20.1	20.9	21.2
6H	19.7	20.4	20.2	20.8	21.2	19.7	20.4	20.1	20.8	21.2
8H	19.7	20.4	20.2	20.8	21.2	19.7	20.3	20.1	20.7	21.2
12H	19.7	20.2	20.2	20.7	21.2	19.6	20.2	20.1	20.6	21.1
12H 4H	19.5	20.2	19.9	20.6	21.0	19.6	20.4	20.0	20.8	21.2
6H	19.7	20.3	20.1	20.7	21.2	19.7	20.3	20.1	20.7	21.2
8H	19.7	20.2	20.2	20.7	21.2	19.6	20.2	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:2016-02-27

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=0.9790]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

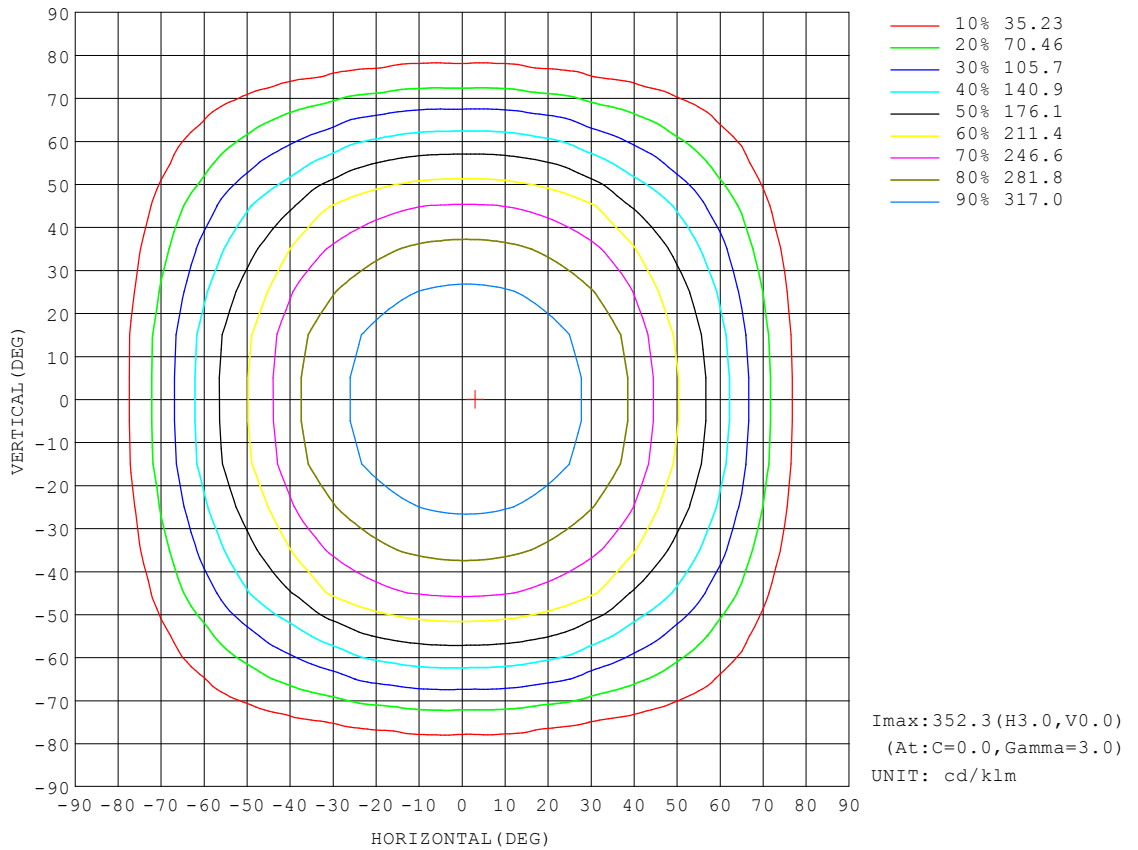
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	66	59	76	66	59	74	67	58	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	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:2016-02-27

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=0.9790]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

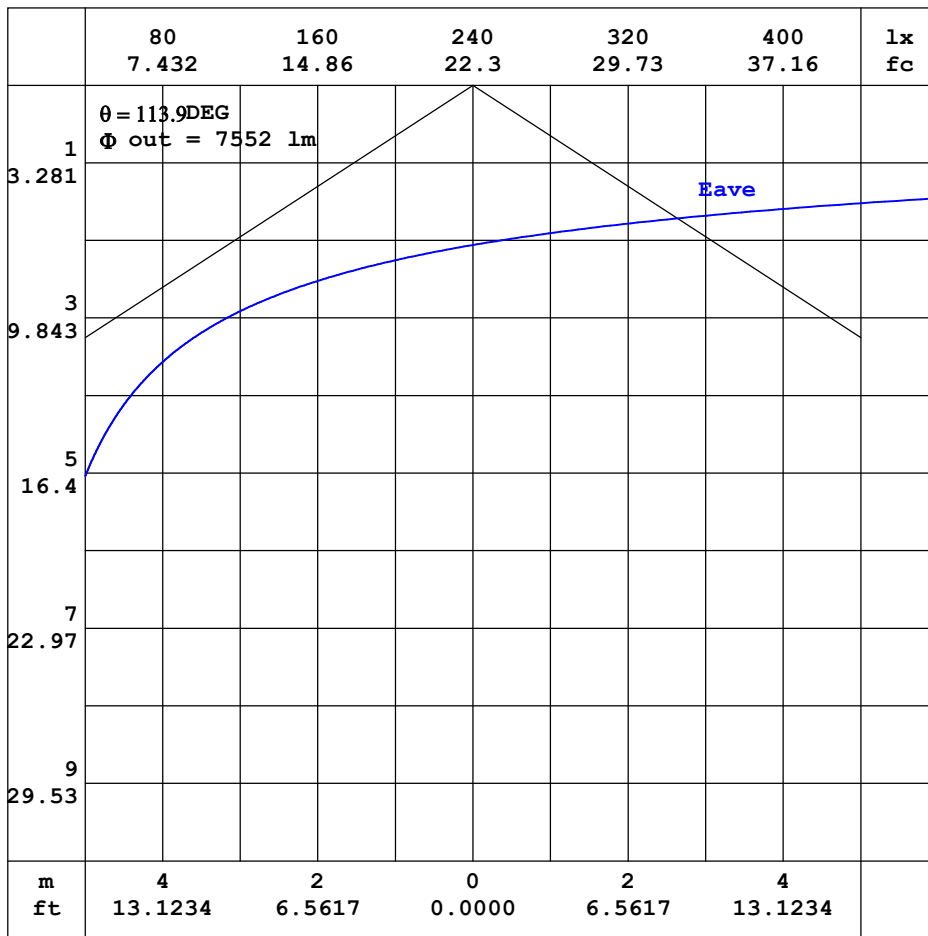


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-27

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=0.9790]
 Remarks:

AAI CURVES

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:



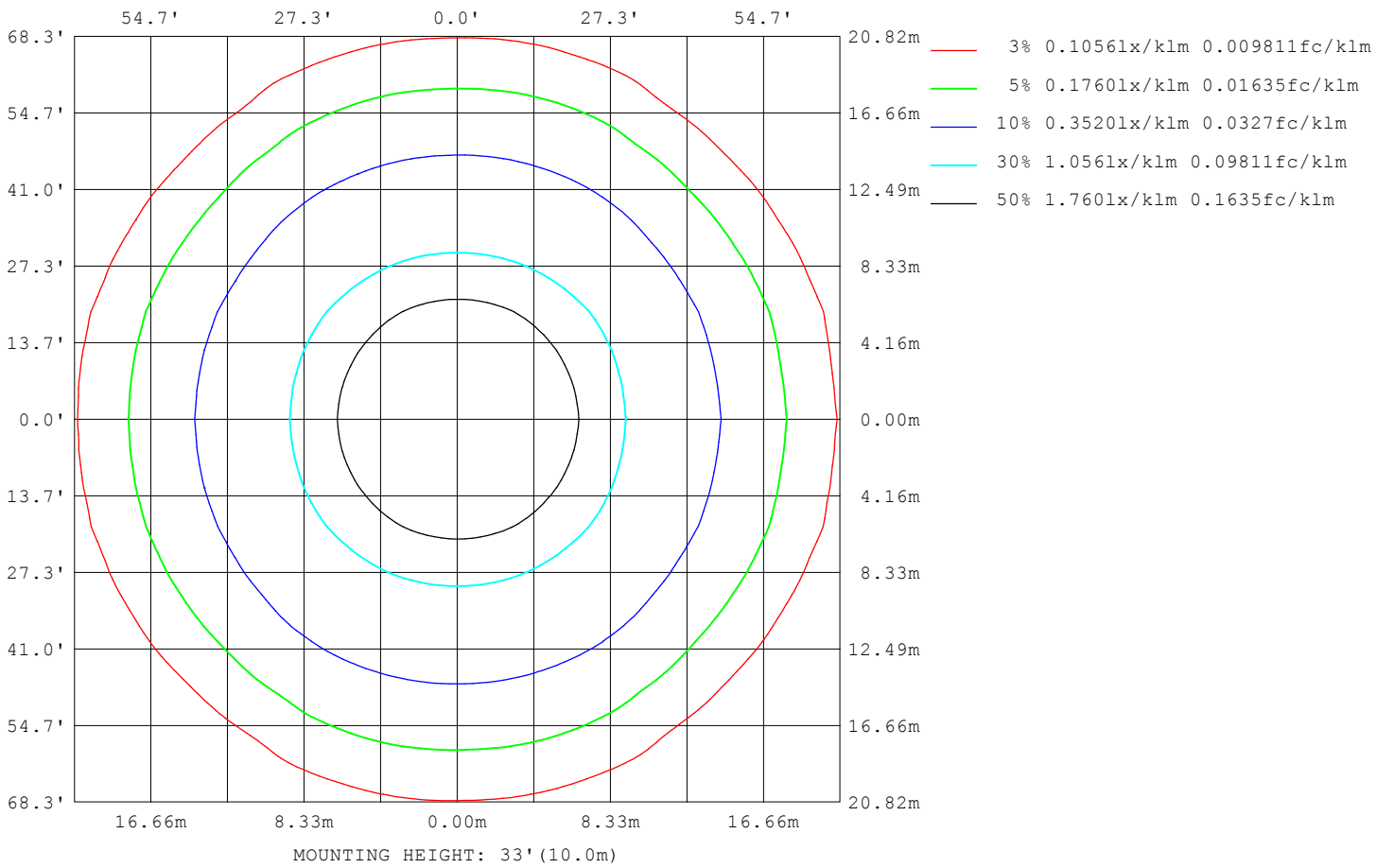
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-27

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=0.9790]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*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:2016-02-27

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=0.9790]
 Remarks:

LED Avg.L Report

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

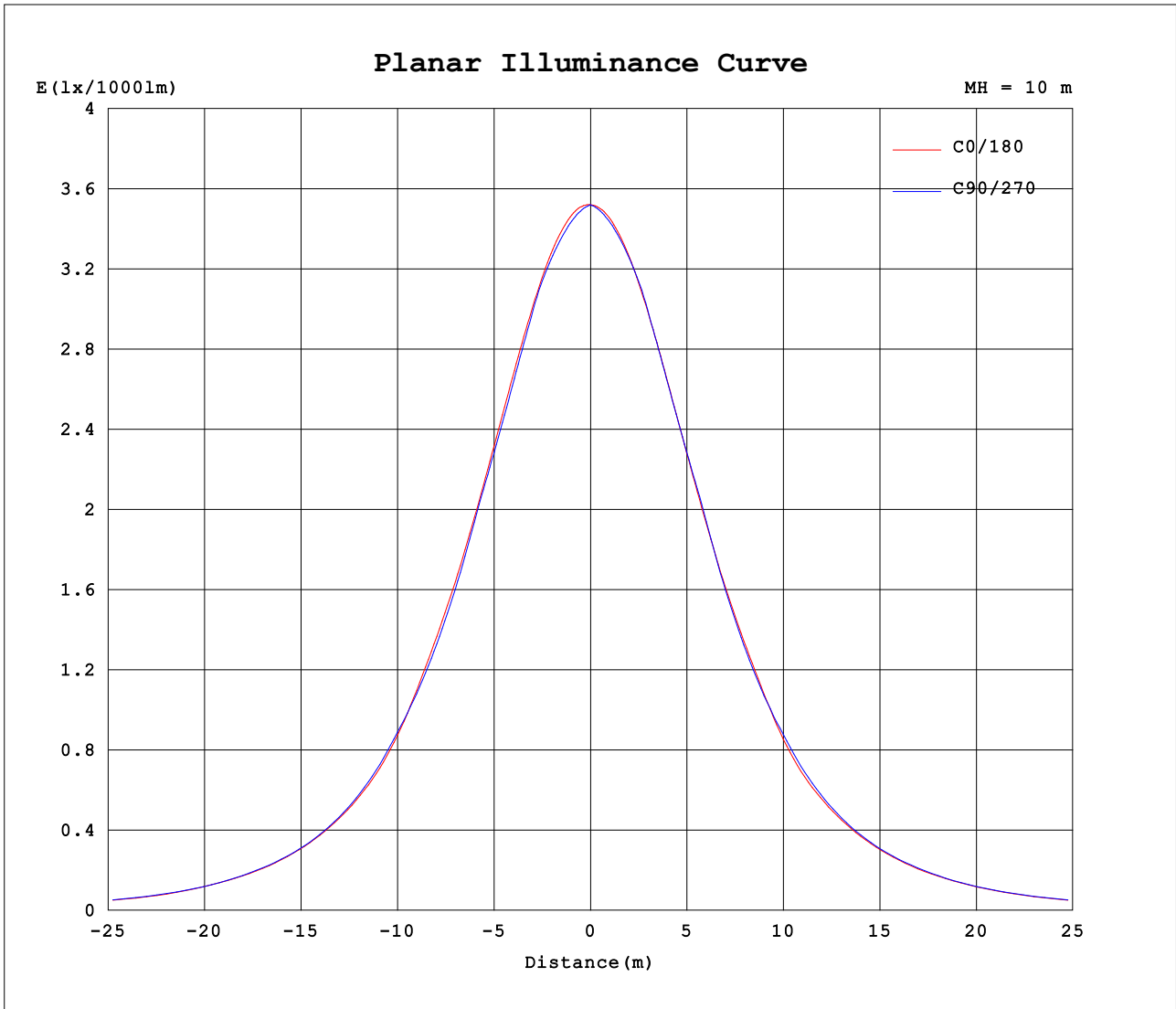
AvgL	cd/m2
L_0~180 (65) av	27748
L_0~180 (75) av	18138
L_0~180 (85) av	1227
L_90~270 (65) av	28406
L_90~270 (75) av	18859
L_90~270 (85) av	0
L_45 (65) av	27293
L_45 (75) av	19340
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-27

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=0.9790]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-02-27

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=0.9790]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--1

UNIT: cd/klm

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	351	351	351	351	351	350	350	350	350	350	350	349	349	349	349	349	349
10	349	349	348	348	348	347	347	347	347	347	347	347	346	346	346	346	346	346	346
15	345	344	343	343	342	342	342	342	342	342	342	342	343	343	343	343	343	343	343
20	337	336	335	335	334	334	335	335	336	336	336	335	335	334	334	333	333	333	333
25	327	326	325	324	324	325	326	327	325	325	324	323	323	323	323	323	322	322	322
30	314	313	312	312	312	313	313	312	311	311	311	311	311	311	312	312	312	312	312
35	298	297	296	296	297	297	296	295	295	296	296	297	296	295	294	293	292	292	292
40	279	277	276	277	278	277	276	277	278	278	276	275	274	273	273	272	272	272	272
45	247	245	245	249	249	251	254	257	254	253	252	251	251	251	252	252	252	252	252
50	217	214	214	215	215	217	222	223	223	225	227	227	227	225	224	223	222	221	221
55	189	187	188	186	187	188	186	186	187	192	195	193	193	193	192	192	192	191	191
60	158	155	156	156	158	155	155	155	153	153	156	156	160	160	161	161	161	160	160
65	121	119	120	123	121	121	121	119	119	118	119	119	123	125	124	125	125	124	124
70	83.9	83.7	83.7	83.6	83.4	82.6	83.3	82.3	84.1	84.1	84.2	83.5	85.5	87.0	86.3	87.5	87.5	87.1	86.5
75	46.9	47.0	47.3	46.9	48.7	47.3	49.6	49.8	50.3	50.2	50.2	49.0	49.4	49.4	48.3	50.2	50.5	50.3	49.6
80	18.7	18.1	18.5	19.3	20.1	21.5	21.7	20.7	19.3	17.5	16.2	13.3	10.7	7.90	5.22	3.20	1.48	0.37	0.00
85	1.01	2.24	3.40	4.53	4.14	2.29	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	0.03	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:2016-02-27

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=0.9790]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*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	349	349	349	349	350	350	350	350	350	351	351	351	
10	346	346	346	346	346	345	345	345	345	345	345	345	346	346	346	346	347	347	347	
15	343	343	342	342	342	341	341	340	340	340	340	339	339	340	340	340	341	342	341	
20	332	332	332	332	333	333	333	334	334	333	332	332	331	331	331	332	332	333	332	
25	322	322	322	321	321	321	321	321	322	322	323	322	321	321	320	321	321	323	321	
30	311	311	311	310	309	309	308	308	308	308	308	309	309	308	307	307	308	309	308	
35	292	292	292	293	293	294	295	293	292	292	292	292	293	293	292	291	292	293	292	
40	272	272	272	272	272	273	273	274	275	275	273	273	273	275	274	272	273	274	273	
45	252	252	252	252	252	251	251	251	251	251	253	250	247	246	246	242	240	242	241	
50	222	222	223	224	226	227	228	227	224	221	219	217	214	212	213	212	211	213	211	
55	191	192	192	193	193	194	193	195	192	188	186	185	186	185	185	187	185	186	185	
60	161	161	161	161	161	158	156	156	154	155	158	156	155	157	156	157	156	156	156	
65	124	125	125	125	125	121	119	120	120	121	121	124	123	122	122	122	121	121	121	
70	87.7	88.1	87.3	87.1	87.8	85.3	84.9	85.7	85.6	85.4	84.5	86.2	85.6	87.0	86.1	86.3	87.3	86.8	87.7	
75	51.1	51.3	49.8	49.9	50.8	50.4	51.0	52.2	52.3	52.2	52.2	52.1	50.2	52.0	51.0	50.4	50.4	49.7	50.9	
80	0.38	1.50	3.16	5.44	8.24	11.1	14.3	17.4	19.5	21.4	23.1	23.7	23.6	22.3	22.0	22.1	21.2	21.6	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	4.74	5.06	4.09	2.73	1.20	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:2016-02-27

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=0.9790]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--3

UNIT: cd/klm

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	350	350	350	350	350	349	349	349	349	349	349	349	349	349	349	349	349	349	349
10	346	346	346	346	345	345	345	345	345	345	346	346	346	346	346	346	346	346	346
15	340	340	340	339	340	340	340	340	341	341	341	342	342	342	343	343	343	343	343
20	332	331	331	331	332	332	333	334	334	333	333	333	333	333	333	333	333	333	333
25	321	320	321	321	322	324	323	322	322	321	321	322	322	322	322	322	323	323	323
30	307	307	308	309	310	308	308	308	308	309	309	310	311	311	312	312	312	312	312
35	291	292	293	293	292	292	292	293	294	295	294	293	292	292	291	291	291	291	292
40	273	274	275	273	273	273	275	275	273	272	271	271	271	270	270	270	270	270	271
45	242	247	247	248	251	254	251	250	249	248	248	248	249	249	249	248	249	249	249
50	212	213	213	214	218	220	221	223	224	224	224	222	221	221	220	219	219	219	220
55	187	186	185	186	184	185	186	191	193	191	192	191	190	190	190	189	189	190	191
60	158	156	157	155	155	155	153	153	155	155	159	159	160	160	160	160	160	160	161
65	123	124	121	122	122	120	119	119	119	119	124	125	125	125	125	124	123	124	125
70	86.7	86.2	86.2	85.2	85.7	84.2	86.1	85.8	85.6	84.8	87.2	88.4	87.4	88.8	88.5	87.9	87.2	88.3	88.6
75	50.6	50.6	52.0	49.9	52.0	52.1	53.1	52.6	52.8	51.3	52.2	52.1	50.4	52.7	52.5	52.0	50.9	52.3	52.3
80	21.9	22.0	22.1	23.6	24.1	23.0	22.3	19.7	18.2	14.5	11.7	8.50	5.50	3.38	1.54	0.39	0.00	0.39	1.53
85	3.89	4.64	4.00	2.56	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:2016-02-27

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=0.9790]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.3624A P:74.88W PF:0.8982 Lamp Flux:9721.08x1 lm		
NAME: LED Canopy Light	TYPE:LED	WEIGHT:5Kg
	DIM.: 400*400*100mm	SERIAL No.:1
	SUR.:151.6*203.6mm	PROTECTION ANGLE:

Table--4

UNIT: cd/k.lm

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	349	349	350	350	350	350	350	350	350	351	351	351	351	351	352				
10	346	346	347	347	347	347	347	347	347	347	347	348	348	348	349				
15	343	343	343	343	343	342	342	342	342	342	342	342	343	343	344				
20	334	334	334	335	335	336	336	336	335	335	335	335	335	335	336				
25	323	323	323	323	324	324	325	326	327	326	325	325	324	325	326				
30	312	312	312	312	311	311	311	311	312	313	313	312	312	312	313				
35	293	294	295	296	298	297	296	296	296	296	297	297	296	296	297				
40	271	272	273	274	275	277	279	278	277	277	277	279	277	276	277				
45	250	250	250	250	251	252	253	254	257	254	251	249	248	245	244				
50	221	222	224	225	226	226	224	222	222	221	217	215	215	214	214				
55	191	191	192	192	192	193	190	187	186	187	189	188	187	188	187				
60	161	160	160	158	155	155	152	153	156	155	156	158	156	156	156				
65	125	125	125	122	118	119	118	119	119	122	121	121	123	120	119				
70	87.8	87.1	87.9	85.2	83.9	84.8	84.6	84.3	82.4	83.7	83.2	84.3	84.0	83.7	83.4				
75	50.6	49.8	51.0	50.2	50.1	51.4	50.9	50.9	50.2	49.8	47.3	49.4	47.6	47.5	46.6				
80	3.22	5.43	8.29	11.0	13.9	17.0	18.3	20.3	21.4	22.0	21.7	20.0	19.5	19.1	18.8				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	4.11	4.06	3.24	2.16			
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:2016-02-27

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=0.9790]
 Remarks: