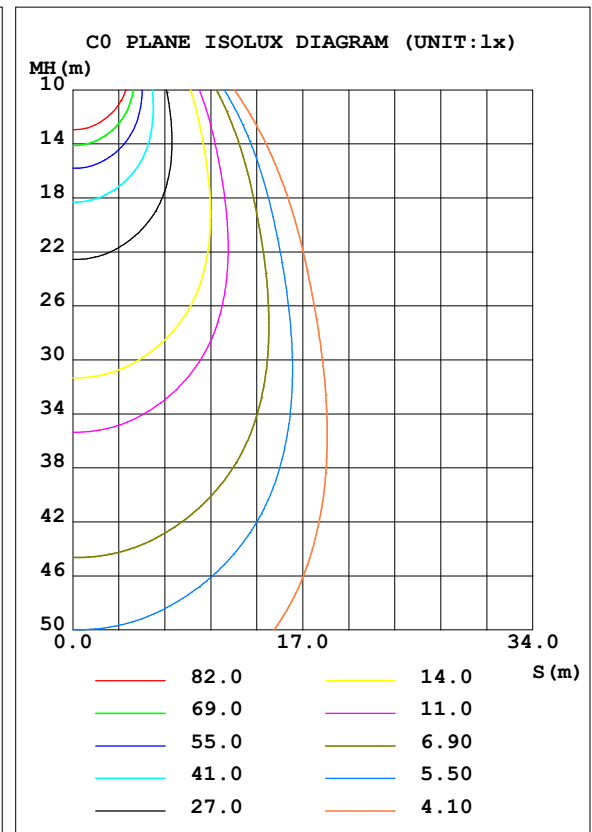
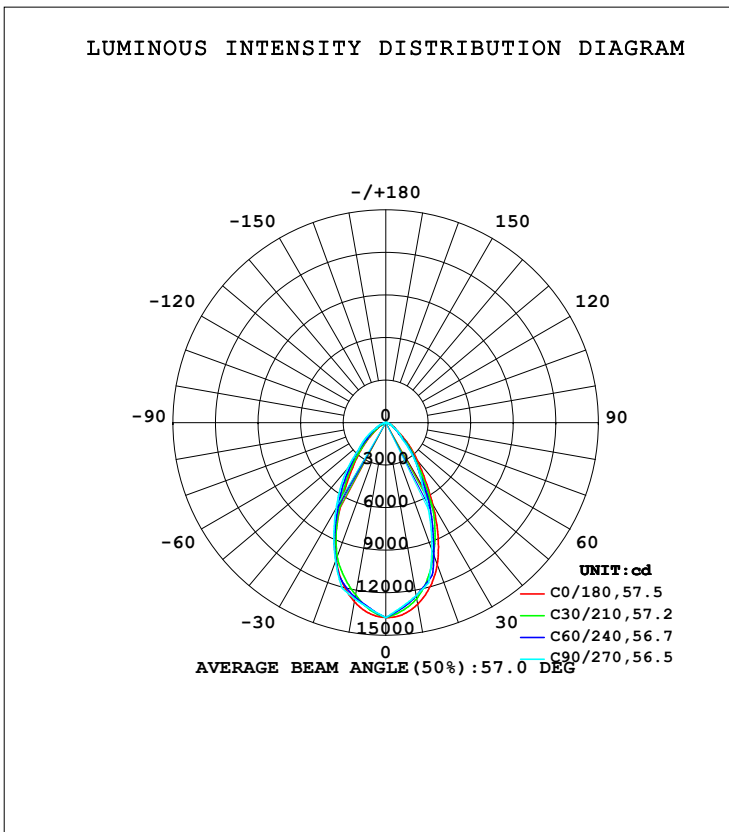


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.66 lm/W			
MODEL		I _{max} (cd)	13747	S/MH (C0/180)	0.87
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.89
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	14220	<input type="checkbox"/> UP, DN (C0-180)	0.0, 46.5
NOMINAL FLUX (lm)	14220.1	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 53.5
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	<input type="checkbox"/> down (%)	100.0	CIBSE SHR MAX	0.90



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1299	1245	1238	1218	1281	1240	1262	1265	0- 10	1240	1240	8.72,8.72
20	1063	1026	953.3	957.0	1024	1023	1036	1079	10- 20	3212	4453	31.3,31.3
30	661.0	602.8	519.8	554.5	611.4	661.3	698.8	706.2	20- 30	3711	8164	57.4,57.4
40	347.4	295.6	286.0	266.1	311.1	356.5	415.7	386.7	30- 40	2882	11045	77.7,77.7
50	156.3	137.6	130.5	122.1	128.8	166.5	209.6	183.5	40- 50	1779	12824	90.2,90.2
60	61.86	60.24	53.39	51.94	49.81	66.34	80.41	72.23	50- 60	895.1	13719	96.5,96.5
70	24.43	24.26	19.65	17.79	14.78	23.12	33.06	26.44	60- 70	398.8	14118	99.3,99.3
80	1.577	1.022	0	0	0	0	0	0.2845	70- 80	101.3	14219	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.9813	14220	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 12074 lm

%lum = 84.9%

%lamp = 84.9%

Conical surface Flux(120deg): 13719 lm

%lum = 96.5%

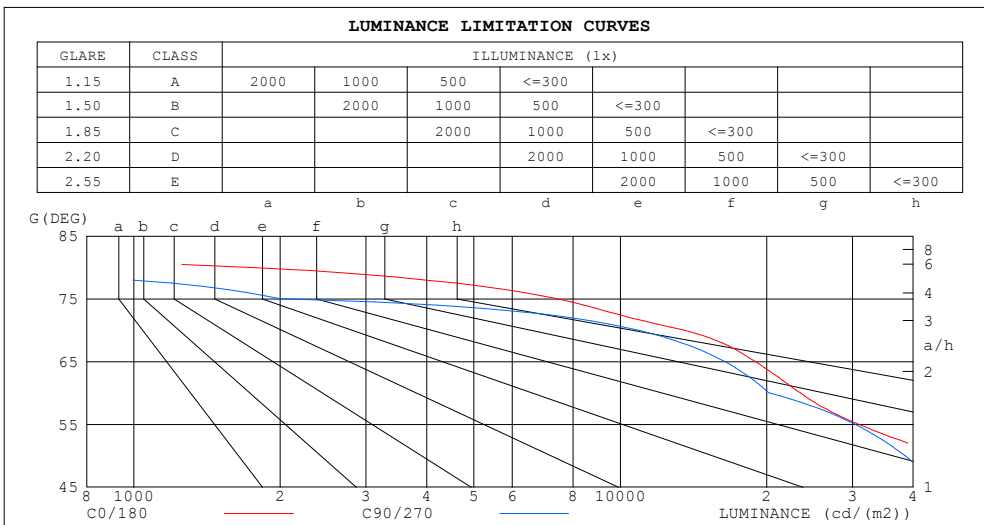
%lamp = 96.5%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	1720	0
75	7427	2001
70	13527	10881
65	18944	16405
60	23431	20225
55	30893	30392
50	46050	38456
45	65756	45275

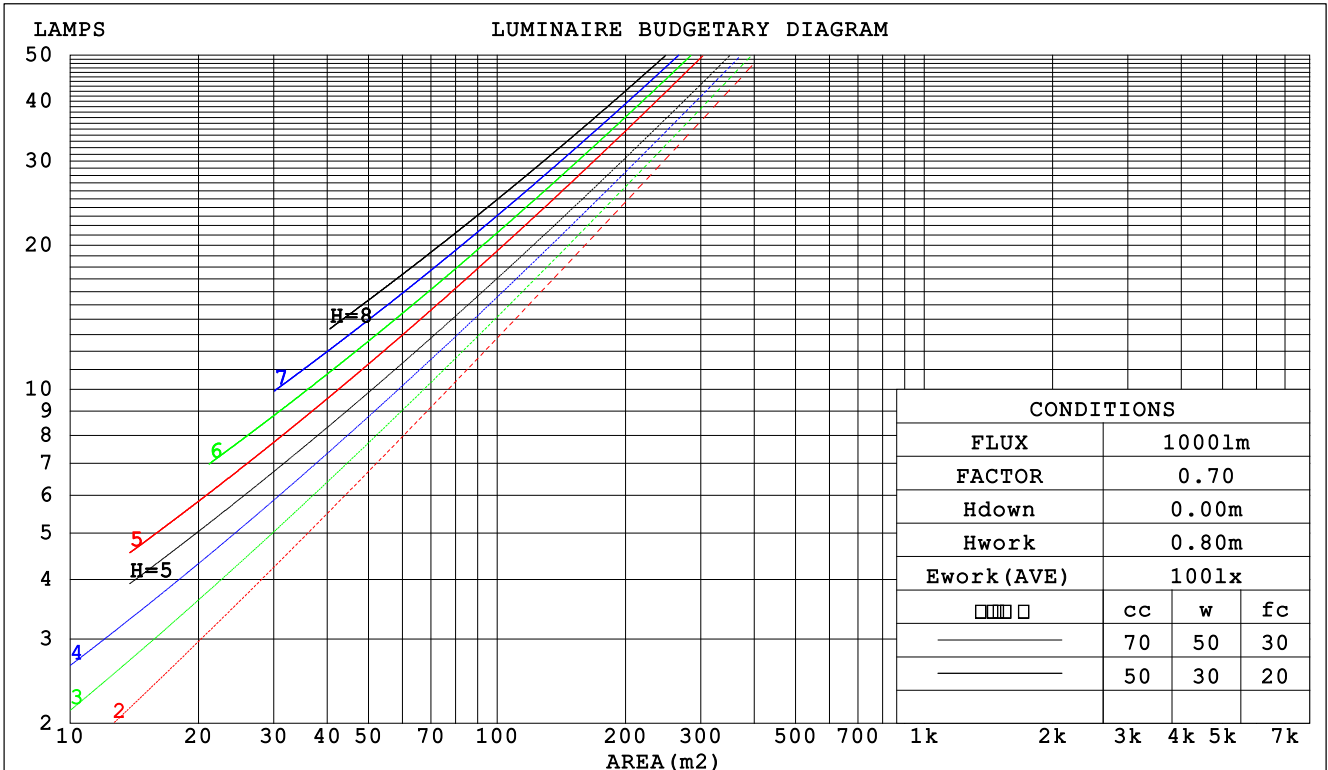
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.96	.92	.99	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.82	.91	.85	.81	.88	.83	.80	.85	.82	.79	.83	.80	.77	.76
4.0	.85	.79	.74	.84	.78	.73	.81	.76	.72	.79	.75	.71	.77	.74	.71	.69
5.0	.79	.72	.67	.78	.71	.67	.76	.70	.66	.74	.69	.65	.72	.68	.65	.63
6.0	.73	.66	.61	.72	.66	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.58
7.0	.68	.61	.56	.67	.61	.56	.66	.60	.56	.65	.59	.56	.63	.59	.55	.54
8.0	.63	.57	.52	.63	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.50
9.0	.59	.53	.48	.59	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.49	.45	.55	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.43



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

WEC AND CCEC

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio		Wall Exitance Coefficients (WEC)			
0.0						
1.0	.203 .116 .037	.196 .112 .036	.184 .105 .034	.172 .099 .032	.161 .093 .030	
2.0	.197 .108 .033	.191 .105 .032	.181 .100 .031	.171 .096 .030	.161 .091 .029	
3.0	.188 .100 .030	.183 .098 .030	.174 .094 .029	.165 .091 .028	.157 .087 .027	
4.0	.179 .093 .027	.174 .091 .027	.166 .088 .026	.159 .085 .026	.152 .082 .025	
5.0	.170 .086 .025	.166 .085 .025	.159 .083 .024	.152 .080 .024	.146 .078 .023	
6.0	.161 .081 .023	.157 .080 .023	.151 .077 .023	.145 .075 .022	.140 .074 .022	
7.0	.153 .076 .021	.150 .075 .021	.144 .073 .021	.139 .071 .021	.134 .070 .020	
8.0	.145 .071 .020	.143 .070 .020	.138 .069 .020	.133 .067 .019	.128 .066 .019	
9.0	.138 .067 .019	.136 .066 .019	.131 .065 .018	.127 .064 .018	.123 .062 .018	
10.0	.132 .063 .018	.130 .063 .017	.126 .062 .017	.122 .060 .017	.118 .059 .017	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	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	.173 .157 .143	.148 .135 .123	.101 .093 .085	.058 .054 .049	.019 .017 .016	
2.0	.160 .132 .109	.137 .114 .095	.094 .079 .066	.054 .046 .039	.017 .015 .013	
3.0	.149 .114 .086	.128 .098 .074	.088 .068 .052	.051 .040 .031	.016 .013 .010	
4.0	.139 .099 .069	.120 .086 .060	.082 .060 .042	.048 .035 .025	.015 .011 .008	
5.0	.131 .088 .056	.113 .076 .049	.078 .053 .035	.045 .031 .020	.015 .010 .007	
6.0	.124 .079 .047	.107 .069 .041	.074 .048 .029	.043 .028 .017	.014 .009 .006	
7.0	.118 .072 .039	.102 .062 .034	.070 .044 .024	.041 .026 .015	.013 .008 .005	
8.0	.112 .066 .034	.097 .057 .030	.067 .040 .021	.039 .024 .012	.013 .008 .004	
9.0	.107 .061 .029	.092 .053 .026	.064 .037 .018	.037 .022 .011	.012 .007 .004	
10.0	.102 .056 .026	.088 .049 .023	.061 .034 .016	.036 .020 .010	.012 .007 .003	

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm										
NAME: GLM-FLA100					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: EVERFINE					SUR.:			Shielding 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	23.1	24.2	23.3	24.4	24.5	22.5	23.6	22.7	23.8	23.9
3H	23.3	24.3	23.5	24.5	24.7	22.7	23.7	22.9	23.9	24.1
4H	23.3	24.2	23.5	24.4	24.7	22.6	23.6	22.9	23.8	24.0
6H	23.2	24.1	23.5	24.3	24.6	22.5	23.4	22.8	23.7	23.9
8H	23.1	24.0	23.5	24.3	24.5	22.5	23.3	22.8	23.6	23.9
12H	23.1	23.9	23.4	24.2	24.5	22.4	23.2	22.7	23.5	23.8
4H 2H	23.1	24.0	23.4	24.3	24.5	22.6	23.5	22.8	23.7	24.0
3H	23.4	24.2	23.7	24.5	24.8	22.8	23.7	23.2	23.9	24.2
4H	23.4	24.1	23.8	24.5	24.8	22.8	23.5	23.1	23.8	24.1
6H	23.3	24.0	23.7	24.3	24.7	22.7	23.3	23.1	23.7	24.0
8H	23.3	23.9	23.7	24.3	24.6	22.6	23.3	23.0	23.6	24.0
12H	23.2	23.8	23.7	24.2	24.6	22.6	23.1	23.0	23.5	23.9
8H 4H	23.3	23.9	23.7	24.3	24.7	22.7	23.3	23.1	23.7	24.0
6H	23.3	23.8	23.7	24.2	24.6	22.6	23.1	23.1	23.5	23.9
8H	23.2	23.7	23.7	24.1	24.5	22.6	23.0	23.0	23.4	23.9
12H	23.2	23.5	23.6	24.0	24.5	22.5	22.9	23.0	23.3	23.8
12H 4H	23.3	23.8	23.7	24.2	24.6	22.7	23.2	23.1	23.6	24.0
6H	23.2	23.7	23.7	24.1	24.5	22.6	23.0	23.0	23.4	23.9
8H	23.2	23.5	23.6	24.0	24.5	22.5	22.9	23.0	23.3	23.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 2.2					+ 1.3 / - 2.0				
1.5H	+ 2.0 / - 1.9					+ 1.8 / - 1.3				
2.0H	+ 3.4 / - 2.4					+ 1.9 / - 2.1				

CIE Pub.117, 14220 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.2)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

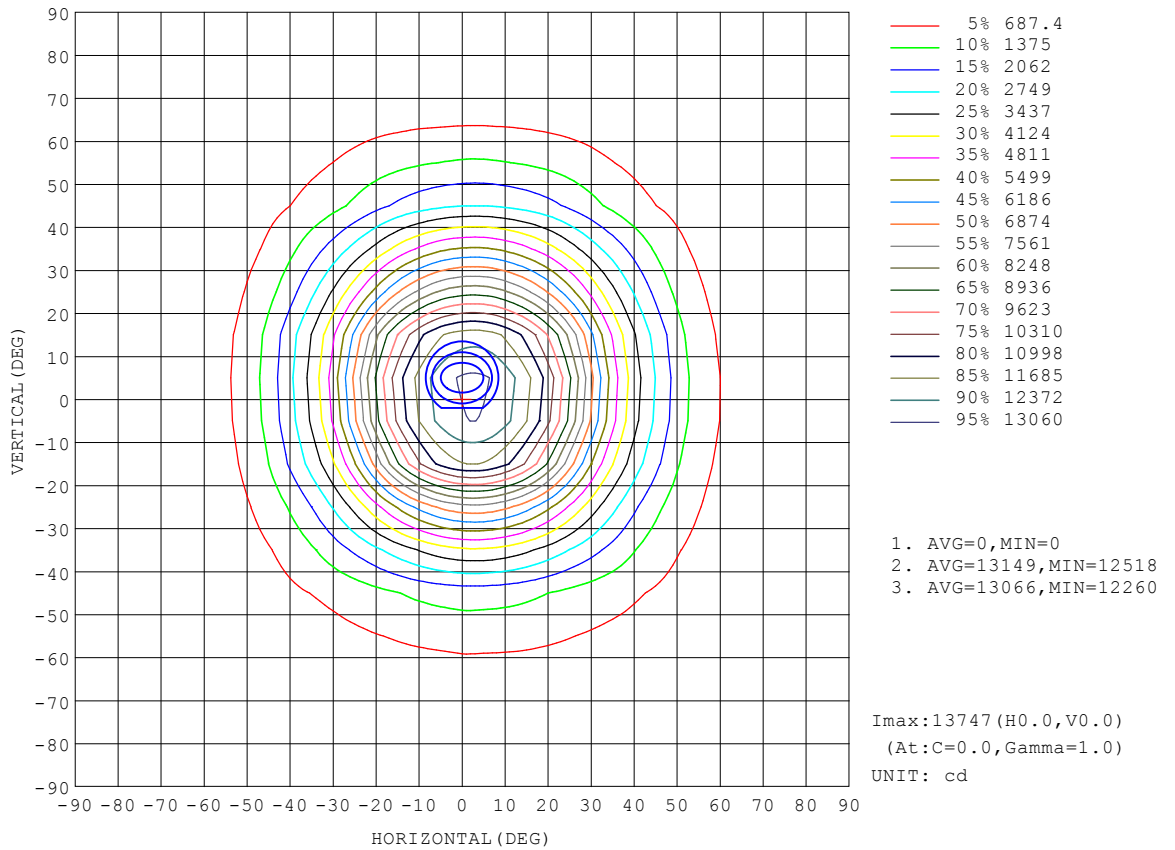
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	77	69	64	76	69	64	60
0.80	86	78	74	85	78	73	84	77	73	68
1.00	92	85	81	92	85	80	90	85	80	75
1.25	98	91	87	97	90	86	94	89	85	80
1.50	101	95	91	100	94	90	97	93	89	84
2.00	105	100	96	104	99	95	101	97	94	88
2.50	107	103	99	106	101	98	102	99	96	90
3.00	109	105	102	108	104	101	104	101	99	92
4.00	112	108	106	110	107	104	106	104	102	94
5.00	113	111	108	111	109	107	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

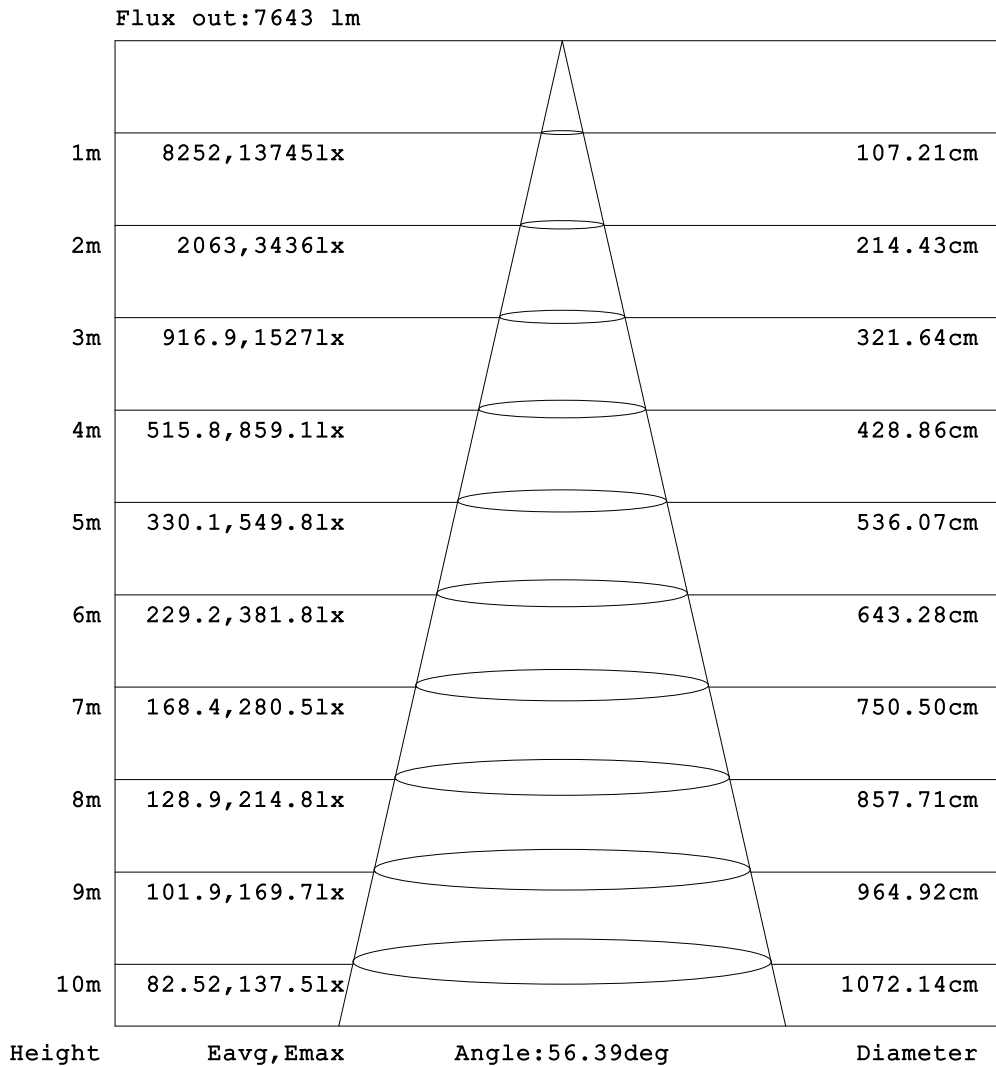


H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:10 May 2022

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.500m [K=1.1627]
 Remarks:

AAI Figure

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



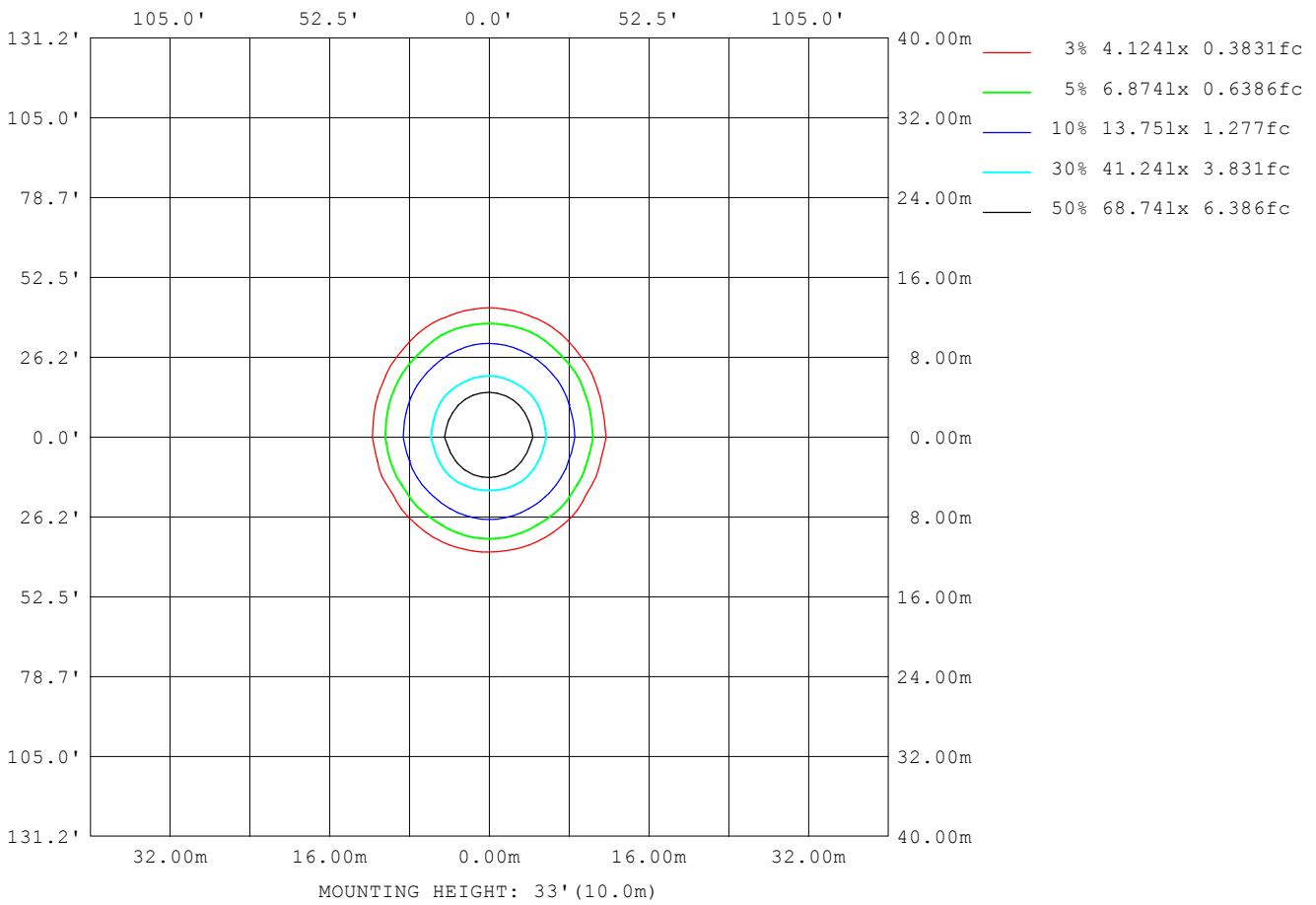
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

ISOLUX DIAGRAM

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

LED Avg.L Report

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

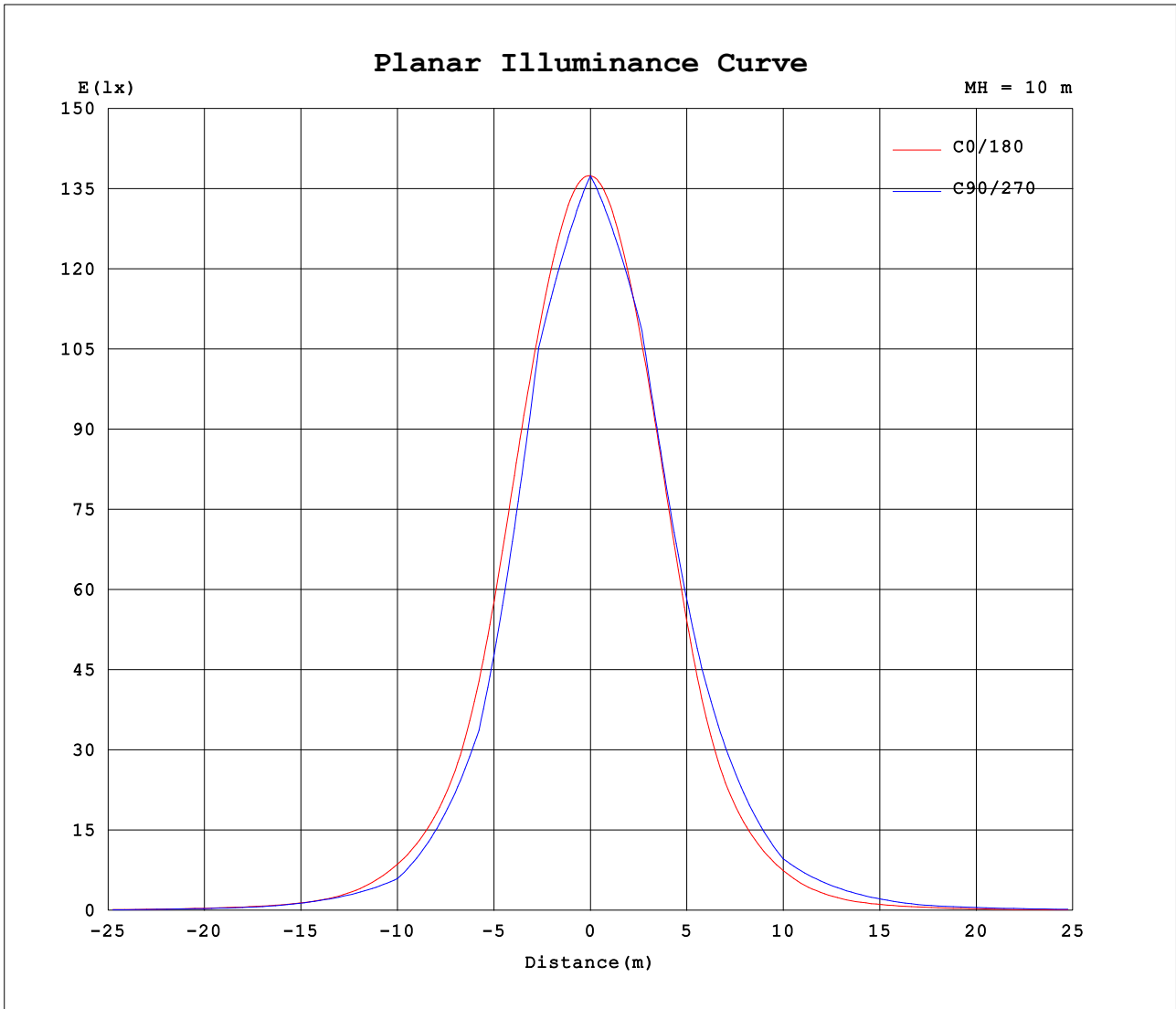
AvgL	cd/m2
L_0~180 (65) av	16711
L_0~180 (75) av	5051
L_0~180 (85) av	0
L_90~270 (65) av	20870
L_90~270 (75) av	4431
L_90~270 (85) av	0
L_45 (65) av	17969
L_45 (75) av	7485
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:10 May 2022

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.500m [K=1.1627]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375
5	1359	1354	1349	1344	1339	1335	1331	1328	1325	1322	1319	1317	1314	1312	1310	1309	1307	1306	1305
10	1299	1290	1281	1274	1269	1264	1260	1254	1249	1245	1242	1240	1240	1239	1239	1239	1239	1239	1238
15	1203	1189	1179	1171	1164	1151	1141	1135	1131	1136	1143	1150	1156	1163	1168	1171	1171	1171	1168
20	1063	1048	1038	1028	1006	990	984	995	1010	1026	1024	1007	992	980	971	964	959	955	953
25	873	860	855	828	804	803	822	845	826	807	790	782	776	769	761	754	747	740	735
30	661	655	647	615	607	626	631	613	600	603	601	594	578	563	549	538	530	524	520
35	478	477	463	440	455	455	437	439	445	438	420	398	400	404	407	408	407	405	402
40	347	349	329	327	333	312	315	318	306	296	298	301	300	297	294	291	289	287	286
45	246	249	225	240	221	219	218	206	213	217	210	202	197	192	187	181	175	170	169
50	156	158	146	149	142	141	133	145	145	138	131	123	120	124	126	128	129	130	131
55	93.6	92.9	91.9	85.5	89.9	83.5	91.6	90.1	89.8	85.6	85.4	86.0	88.2	90.8	92.3	92.9	92.3	91.6	92.0
60	61.9	59.5	59.6	59.2	56.5	59.1	57.9	60.0	59.6	60.2	61.7	62.4	62.0	61.1	59.5	57.5	55.0	53.2	53.4
65	42.3	39.7	38.3	38.4	39.6	38.9	39.7	39.4	41.0	41.0	39.7	38.5	38.9	38.8	38.5	38.0	37.0	36.3	36.6
70	24.4	25.3	25.1	24.9	24.1	23.7	24.8	24.5	23.6	24.3	24.5	24.4	23.8	23.0	22.2	21.5	20.5	19.7	19.6
75	10.1	10.4	10.7	11.7	11.6	12.0	11.9	12.8	12.2	11.4	10.6	9.74	8.74	7.43	6.24	5.16	4.01	3.12	2.73
80	1.58	2.11	2.18	2.67	3.27	4.09	3.42	2.52	1.26	1.02	1.13	1.11	0.93	0.67	0.44	0.25	0.10	0.02	0.00
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	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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) □ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375
5	1303	1303	1302	1302	1302	1302	1303	1305	1307	1309	1312	1316	1320	1325	1330	1336	1343	1349	1344
10	1237	1236	1234	1232	1229	1227	1223	1221	1218	1216	1215	1215	1221	1230	1240	1252	1266	1281	1269
15	1164	1158	1151	1143	1135	1127	1120	1116	1113	1110	1103	1098	1095	1094	1107	1126	1149	1175	1155
20	952	952	953	954	956	958	960	961	957	949	947	950	942	934	931	952	985	1024	996
25	731	729	729	731	737	744	753	760	756	750	742	741	748	748	737	738	777	825	792
30	518	519	520	523	527	532	535	544	554	563	554	540	539	552	550	539	566	611	580
35	397	392	386	380	376	372	371	378	380	381	392	395	384	387	401	390	399	435	410
40	284	282	279	276	272	268	264	265	266	266	261	268	279	274	281	283	281	311	290
45	168	169	172	176	180	184	185	183	180	180	178	173	180	190	185	196	183	211	191
50	129	126	123	119	114	108	108	116	122	118	111	110	107	114	112	115	111	129	117
55	89.6	87.6	86.6	85.0	83.0	80.5	77.4	73.4	70.6	75.8	75.4	67.9	67.9	66.3	70.8	66.7	68.1	75.4	71.2
60	52.2	51.3	52.0	52.5	52.8	52.4	51.7	51.6	51.9	49.5	47.2	48.2	44.8	46.0	43.5	44.5	46.2	49.8	48.1
65	34.8	33.7	33.3	32.7	32.3	32.1	31.9	32.3	31.9	31.1	31.8	30.1	29.8	28.1	29.2	29.4	29.9	32.3	31.4
70	19.0	18.5	18.6	18.4	18.5	18.6	18.5	18.4	17.8	16.8	16.3	16.5	17.0	15.8	14.9	13.9	13.4	14.8	13.4
75	2.69	3.05	3.61	4.19	4.95	5.75	6.64	7.47	7.83	7.61	7.00	6.88	6.25	6.60	5.35	4.03	3.33	3.66	2.99
80	0.02	0.07	0.15	0.21	0.25	0.21	0.12	0.00	0.00	0.33	1.41	2.00	1.45	0.31	0.31	0.01	0.00	0.00	0.00
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	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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--3

UNIT: x10cd

C (DEG) □ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375
5	1339	1334	1329	1326	1322	1320	1318	1316	1314	1314	1313	1313	1313	1314	1314	1315	1316	1317	1319
10	1259	1249	1242	1236	1232	1234	1237	1240	1243	1246	1250	1252	1255	1257	1259	1261	1262	1262	1262
15	1139	1125	1118	1123	1130	1138	1147	1152	1156	1162	1168	1175	1182	1189	1194	1199	1203	1206	1207
20	974	963	975	990	1004	1007	1013	1023	1029	1030	1031	1032	1033	1034	1034	1035	1036	1038	1040
25	767	781	806	819	824	835	844	851	858	856	853	852	853	855	859	862	866	870	874
30	569	597	616	620	633	652	666	661	658	659	669	676	684	690	695	697	699	700	702
35	415	441	442	453	474	478	474	482	494	505	515	524	531	539	546	552	556	560	562
40	305	314	318	333	330	330	346	357	360	365	377	391	400	406	411	414	416	417	418
45	214	212	224	220	224	242	242	242	253	264	270	272	272	271	270	271	274	277	281
50	128	131	136	135	148	150	159	167	164	161	169	182	192	199	204	207	210	210	208
55	73.2	80.1	76.1	82.9	85.2	96.3	97.1	91.9	103	115	125	131	135	138	140	142	145	146	145
60	47.9	47.2	50.8	50.3	56.0	55.2	60.4	66.3	70.1	74.2	79.0	82.4	82.4	81.7	80.1	79.3	80.4	80.2	81.2
65	31.1	30.6	29.7	31.9	33.3	36.6	37.8	40.7	43.1	45.0	47.9	50.6	52.0	53.3	54.5	55.1	56.5	56.5	55.9
70	13.7	14.2	15.5	17.2	17.4	18.8	20.9	23.1	24.5	26.0	28.3	30.2	31.2	32.0	32.5	32.6	33.1	32.9	33.0
75	2.98	3.45	5.05	4.62	6.35	7.79	9.21	10.0	10.1	10.1	10.3	10.4	10.4	10.3	10.2	9.68	9.38	9.67	10.7
80	0.00	0.00	0.00	0.31	1.67	1.54	0.39	0.00	0.00	0.60	0.94	0.99	0.83	0.56	0.28	0.07	0.00	0.07	0.29
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	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

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.43V I:0.4305A P:100.38W PF:0.9818 Freq:49.99Hz Lamp Flux:14220.1x1 lm		
NAME: GLM-FLA100	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--4

UNIT: x10cd

C (DEG) □ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375	1375				
5	1320	1322	1323	1325	1327	1328	1330	1333	1335	1338	1340	1343	1347	1351	1355				
10	1262	1262	1262	1262	1262	1263	1265	1267	1270	1275	1277	1279	1282	1287	1292				
15	1206	1203	1199	1193	1185	1178	1170	1164	1165	1169	1175	1184	1186	1189	1195				
20	1043	1046	1051	1058	1067	1079	1079	1062	1046	1031	1032	1041	1054	1056	1057				
25	877	878	878	879	878	880	891	905	922	894	867	856	868	882	874				
30	702	702	705	709	715	713	706	697	705	719	705	668	660	677	670				
35	560	555	549	540	530	537	543	542	524	514	527	514	479	488	490				
40	418	418	419	418	413	400	387	388	393	379	365	379	360	350	360				
45	285	289	291	290	287	288	288	279	269	273	264	256	268	243	258				
50	206	204	200	194	189	187	184	188	190	175	175	167	170	160	165				
55	145	144	141	134	127	120	112	112	111	114	101	103	94.5	100	96.1				
60	83.0	85.1	87.0	87.3	85.3	79.5	72.2	68.0	65.8	64.2	65.2	59.7	62.2	61.9	60.4				
65	54.9	53.1	51.0	48.5	45.4	46.5	46.8	44.9	41.4	40.9	39.7	40.5	39.3	38.9	40.1				
70	32.8	32.0	31.2	30.3	29.0	27.8	26.4	24.4	24.4	24.1	22.8	23.3	24.6	25.2	25.7				
75	11.5	11.7	12.1	12.2	12.0	11.7	11.7	12.1	12.0	9.97	9.56	9.32	10.3	10.4	10.3				
80	0.65	1.03	1.41	1.68	1.65	1.19	0.28	0.48	2.04	2.68	2.57	0.64	1.46	0.52	1.45				
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	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				

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.500m [K=1.1627]
Remarks: