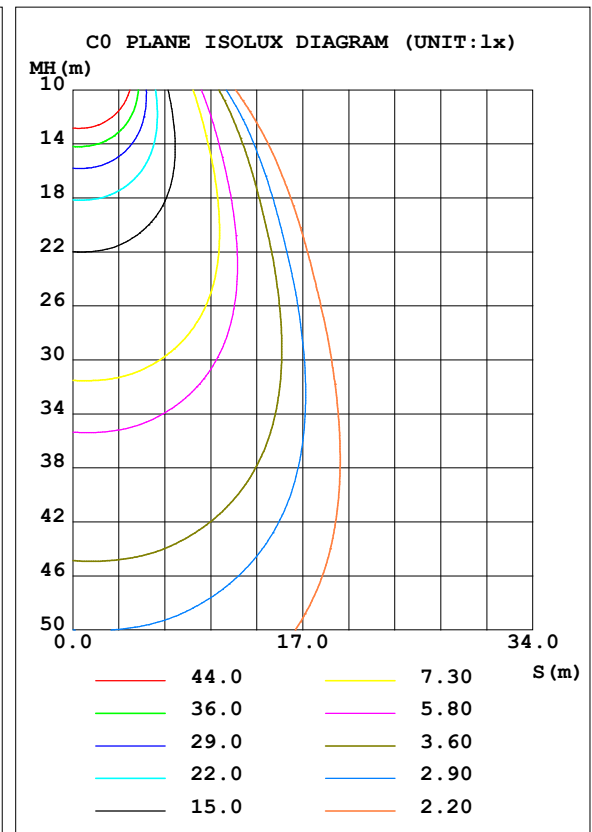
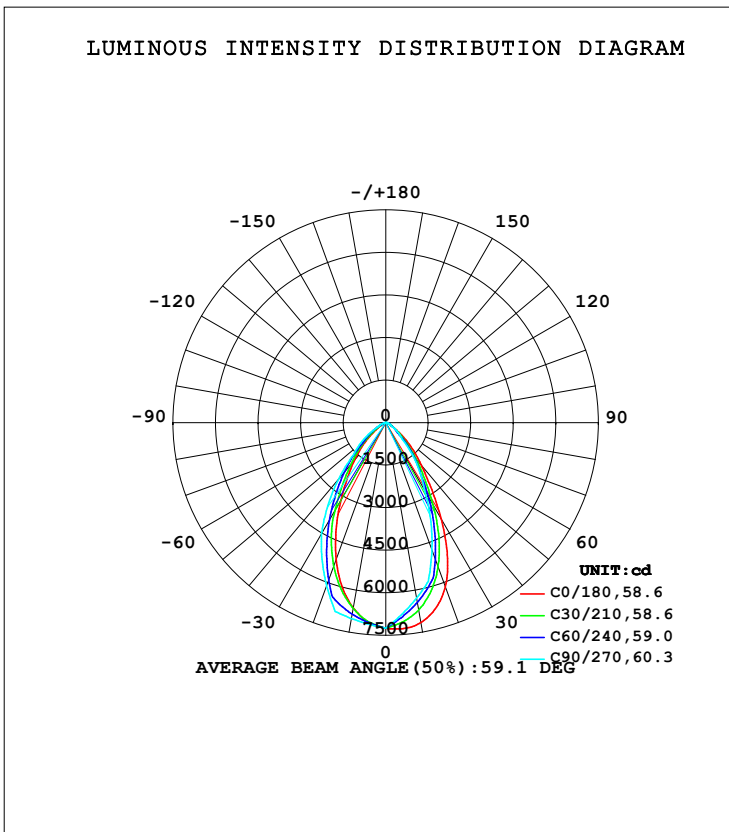


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.26 lm/W			
MODEL		I _{max} (cd)	7287	S/MH (C0/180)	0.84
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.01
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	7738.2	<input type="checkbox"/> UP, DN (C0-180)	0.0, 44.0
NOMINAL FLUX (lm)	7738.21	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 56.0
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	0.95



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=1.1600]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	7155	6551	6281	6212	6629	6745	7010	7086	0- 10	659.5	659.5	8.52,8.52
20	6147	5336	4771	4750	5124	5775	6107	6501	10- 20	1734	2393	30.9,30.9
30	3909	3220	2717	2847	3173	3742	4537	4419	20- 30	2069	4462	57.7,57.7
40	1952	1554	1447	1459	1709	2036	2596	2316	30- 40	1647	6109	78.9,78.9
50	866.1	692.3	608.3	635.0	710.2	930.5	1210	1070	40- 50	992.3	7102	91.8,91.8
60	270.6	263.6	201.9	224.7	208.2	326.5	379.0	374.9	50- 60	460.1	7562	97.7,97.7
70	63.19	62.80	67.30	47.43	6.496	63.50	141.7	84.93	60- 70	154.7	7716	99.7,99.7
80	0	0	0	0	0	0	0	0	70- 80	21.87	7738	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0066	7738	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:cd									UNIT:lm		

Conical surface Flux(90deg): 6687.8 lm

%lum = 86.4%

%lamp = 86.4%

Conical surface Flux(120deg): 7561.6 lm

%lum = 97.7%

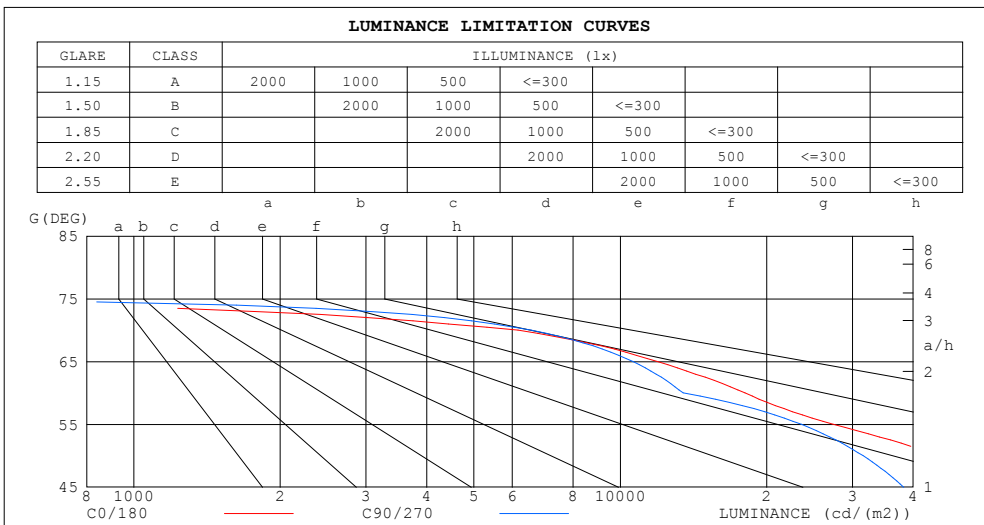
%lamp = 97.7%

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=1.1600]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	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	0	0
75	0	0
70	6158	6559
65	11918	10616
60	18041	13459
55	27381	23542
50	44912	31544
45	64667	38253

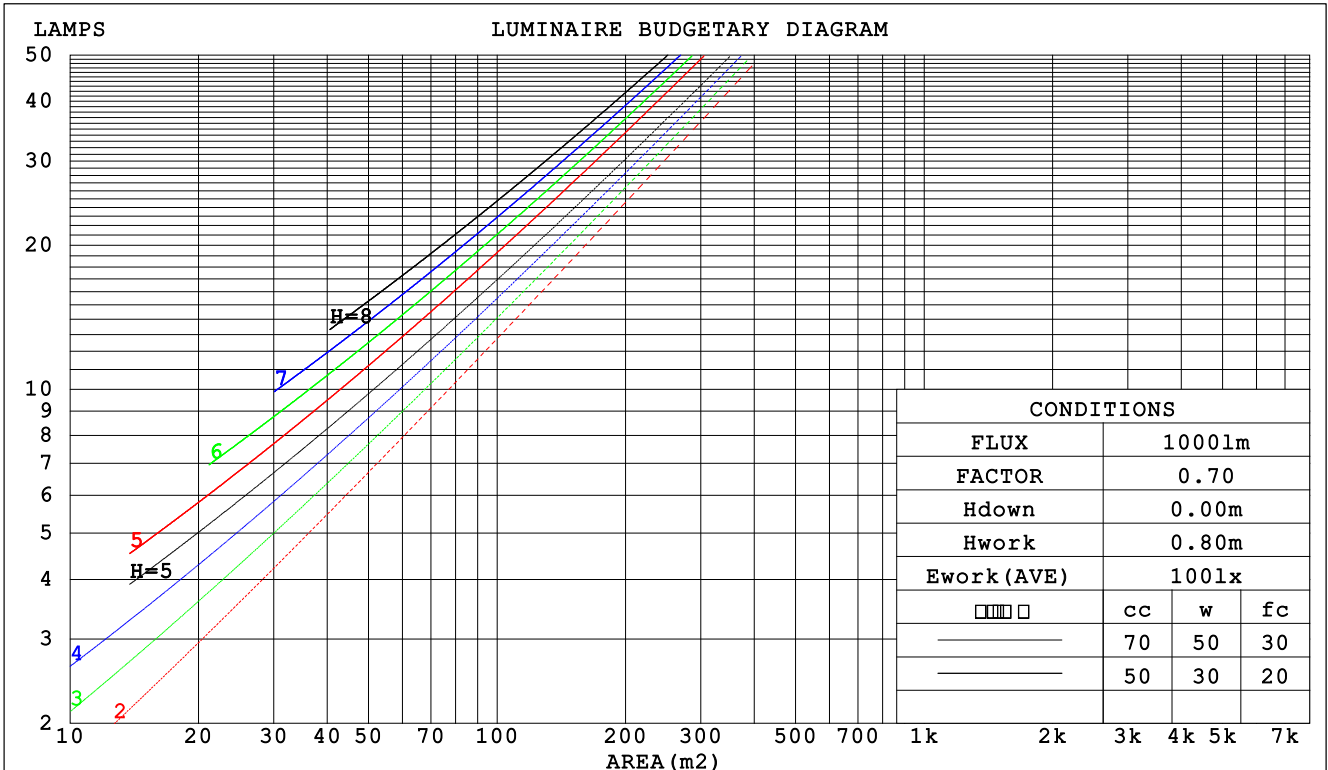
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

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=1.1600]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.96	.92	.99	.95	.91	.96	.92	.89	.93	.90	.87	.90	.87	.85	.84
3.0	.93	.87	.82	.91	.86	.82	.88	.84	.80	.86	.82	.79	.84	.81	.78	.76
4.0	.85	.79	.74	.84	.78	.74	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5.0	.79	.72	.68	.78	.72	.67	.76	.71	.67	.74	.70	.66	.73	.69	.65	.64
6.0	.73	.67	.62	.72	.66	.62	.71	.65	.61	.69	.64	.61	.68	.64	.60	.59
7.0	.68	.62	.57	.68	.61	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.54
8.0	.64	.57	.53	.63	.57	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.52	.48	.47
10.0	.56	.50	.45	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.44



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=1.1600]
Remarks:

WEC AND CCEC

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	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	.199 .113 .036	.192 .110 .035	.180 .103 .033	.168 .097 .031	.157 .091 .029	
2.0	.194 .106 .033	.188 .103 .032	.177 .098 .031	.167 .094 .029	.158 .089 .028	
3.0	.185 .099 .030	.180 .097 .029	.171 .093 .028	.162 .089 .027	.154 .085 .026	
4.0	.176 .092 .027	.172 .090 .027	.164 .087 .026	.156 .084 .025	.149 .081 .025	
5.0	.168 .085 .025	.164 .084 .025	.157 .082 .024	.150 .079 .024	.144 .077 .023	
6.0	.159 .080 .023	.156 .079 .023	.150 .077 .022	.144 .075 .022	.138 .073 .022	
7.0	.152 .075 .021	.149 .074 .021	.143 .072 .021	.138 .071 .021	.133 .069 .020	
8.0	.144 .071 .020	.142 .070 .020	.137 .068 .020	.132 .067 .019	.128 .065 .019	
9.0	.138 .067 .019	.135 .066 .019	.131 .065 .018	.127 .063 .018	.122 .062 .018	
10.0	.131 .063 .017	.129 .062 .017	.125 .061 .017	.121 .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 .050	.019 .017 .016	
2.0	.159 .132 .110	.136 .114 .095	.093 .079 .066	.054 .046 .039	.017 .015 .013	
3.0	.148 .114 .086	.127 .098 .075	.087 .068 .052	.050 .040 .031	.016 .013 .010	
4.0	.139 .099 .069	.119 .086 .060	.082 .060 .042	.047 .035 .025	.015 .011 .008	
5.0	.131 .088 .056	.112 .076 .049	.077 .053 .035	.045 .031 .021	.014 .010 .007	
6.0	.124 .079 .047	.106 .068 .041	.073 .048 .029	.043 .028 .017	.014 .009 .006	
7.0	.118 .072 .040	.101 .062 .035	.070 .044 .024	.041 .026 .015	.013 .008 .005	
8.0	.112 .066 .034	.096 .057 .030	.067 .040 .021	.039 .024 .013	.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=1.1600]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm										
NAME: GLM-FLA55					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	22.5	23.6	22.7	23.8	23.9	21.4	22.5	21.6	22.6	22.8
3H	22.4	23.4	22.7	23.7	23.9	21.4	22.4	21.7	22.6	22.8
4H	22.4	23.3	22.6	23.5	23.8	21.3	22.3	21.6	22.5	22.7
6H	22.3	23.1	22.6	23.4	23.6	21.2	22.1	21.5	22.3	22.6
8H	22.2	23.1	22.5	23.3	23.6	21.2	22.0	21.5	22.3	22.5
12H	22.2	23.0	22.5	23.3	23.5	21.1	21.9	21.4	22.2	22.5
4H 2H	22.4	23.3	22.7	23.6	23.8	21.3	22.3	21.6	22.5	22.8
3H	22.4	23.2	22.7	23.4	23.7	21.4	22.2	21.7	22.5	22.8
4H	22.3	23.0	22.6	23.3	23.6	21.3	22.1	21.7	22.4	22.7
6H	22.2	22.8	22.6	23.2	23.5	21.2	21.9	21.6	22.2	22.6
8H	22.1	22.7	22.5	23.1	23.4	21.2	21.8	21.6	22.1	22.5
12H	22.1	22.6	22.5	23.0	23.4	21.1	21.7	21.6	22.1	22.4
8H 4H	22.1	22.7	22.5	23.1	23.5	21.2	21.8	21.6	22.2	22.5
6H	22.0	22.5	22.5	22.9	23.3	21.1	21.6	21.5	22.0	22.4
8H	22.0	22.4	22.4	22.8	23.3	21.1	21.5	21.5	21.9	22.3
12H	21.9	22.3	22.4	22.8	23.2	21.0	21.4	21.5	21.8	22.3
12H 4H	22.1	22.6	22.5	23.0	23.4	21.2	21.7	21.6	22.1	22.5
6H	22.0	22.4	22.4	22.8	23.3	21.1	21.5	21.5	21.9	22.3
8H	21.9	22.3	22.4	22.8	23.2	21.0	21.4	21.5	21.8	22.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 3.4					+ 1.7 / - 3.0				
1.5H	+ 2.7 / - 2.7					+ 2.3 / - 2.0				
2.0H	+ 4.5 / - 4.3					+ 2.5 / - 3.7				

CIE Pub.117, 7738 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 7.1)

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=1.1600]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

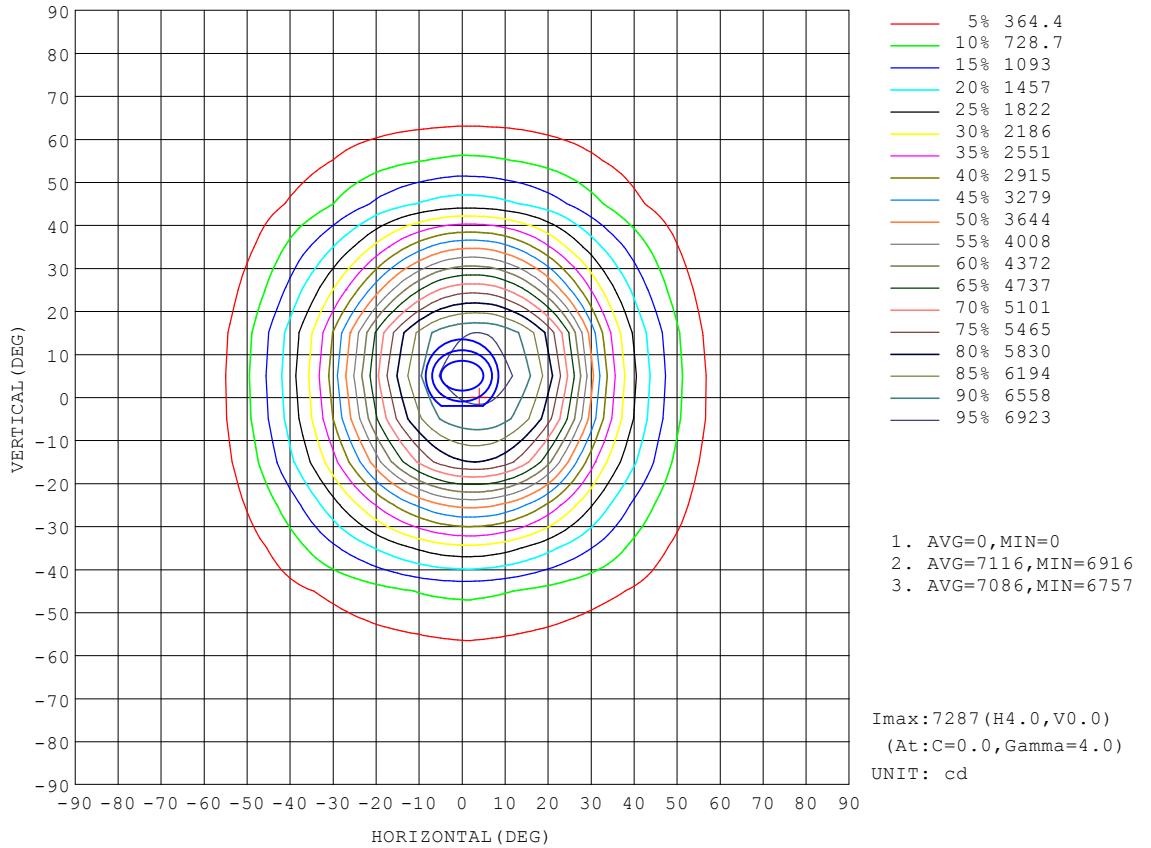
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	78	70	65	77	70	65	77	69	65	61
0.80	87	79	75	86	79	74	85	78	74	69
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	92	88	97	91	87	95	90	86	81
1.50	102	96	92	100	95	91	98	94	90	85
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	103	100	97	90
3.00	110	106	102	108	104	101	104	102	99	92
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	108	111	109	107	107	105	104	96
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=1.1600]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

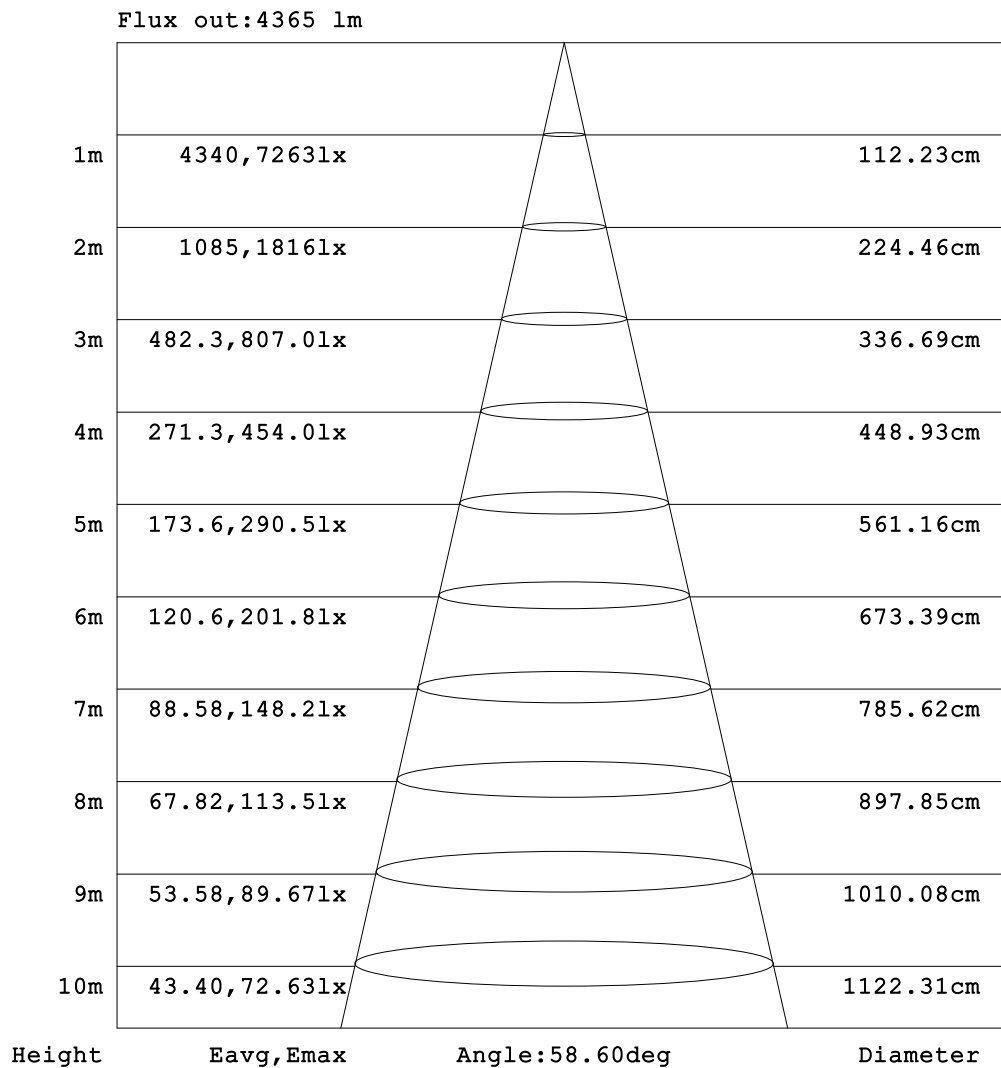


H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:10 May 2022

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=1.1600]
Remarks:

AAI Figure

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



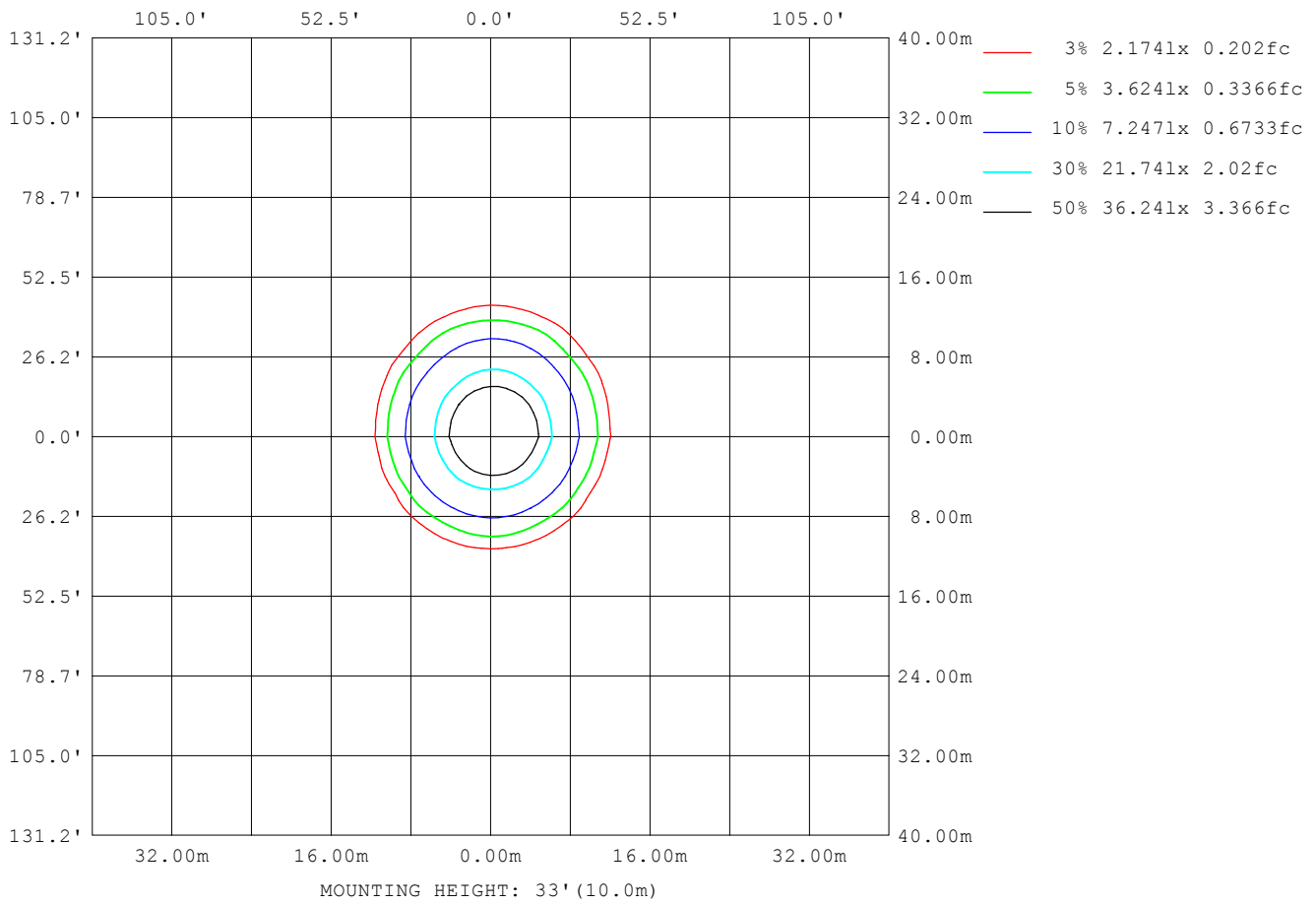
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.1600]
Remarks:

ISOLUX DIAGRAM

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	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=1.1600]
 Remarks:

LED Avg.L Report

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

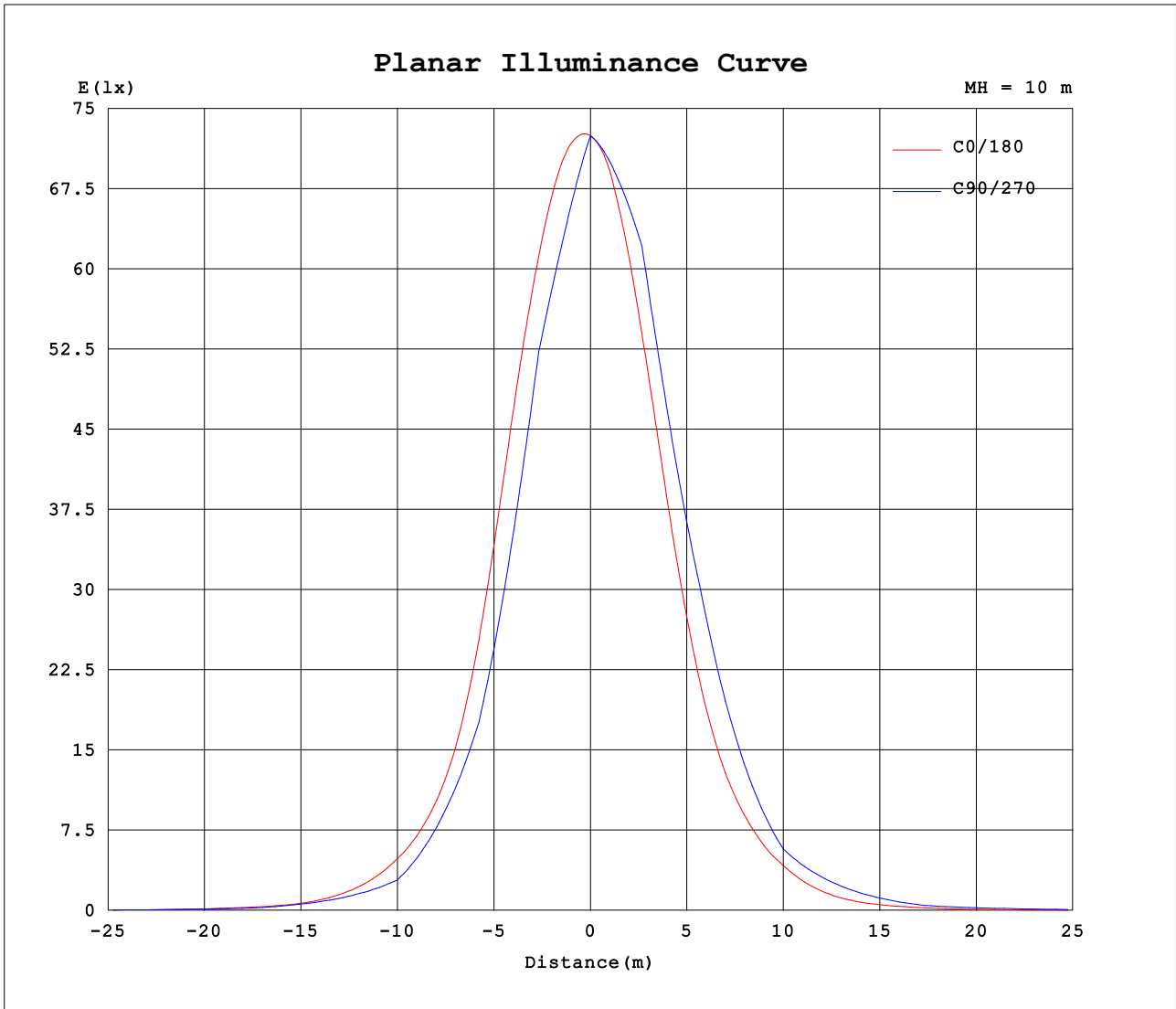
AvgL	cd/m2
L_0~180 (65) av	9631
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	15576
L_90~270 (75) av	1489
L_90~270 (85) av	0
L_45 (65) av	12212
L_45 (75) av	3393
L_45 (85) av	0

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=1.1600]
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=1.1600]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247
5	7286	7243	7200	7159	7118	7079	7042	7007	6973	6942	6913	6886	6861	6839	6819	6802	6787	6774	6764
10	7155	7067	6983	6904	6832	6766	6704	6648	6597	6551	6507	6468	6434	6401	6372	6345	6322	6300	6281
15	6791	6651	6524	6410	6313	6229	6160	6101	6055	6018	5989	5964	5940	5917	5897	5875	5850	5825	5798
20	6147	5956	5793	5658	5548	5464	5400	5361	5340	5336	5287	5198	5115	5036	4965	4903	4848	4804	4771
25	5148	4927	4752	4619	4522	4461	4431	4434	4361	4283	4206	4130	4054	3984	3920	3863	3814	3773	3744
30	3909	3708	3561	3455	3387	3348	3328	3300	3267	3220	3159	3086	3007	2932	2868	2815	2772	2737	2717
35	2763	2618	2522	2460	2422	2391	2371	2352	2326	2279	2208	2112	2105	2104	2104	2104	2101	2093	2082
40	1952	1850	1788	1757	1729	1681	1654	1634	1602	1554	1543	1532	1518	1504	1490	1476	1464	1454	1447
45	1372	1286	1243	1240	1187	1138	1109	1086	1095	1086	1057	1019	980	937	897	862	832	816	811
50	866	801	771	758	737	706	683	708	718	692	640	568	545	558	573	588	596	605	608
55	471	440	431	433	432	417	430	441	432	390	385	386	388	393	396	401	401	404	405
60	271	255	252	250	256	257	261	258	261	264	256	250	243	236	228	218	209	204	202
65	151	141	138	139	138	139	141	146	146	144	135	127	131	133	134	134	134	134	135
70	63.2	56.9	55.3	55.8	54.9	56.8	57.6	54.9	50.7	62.8	71.2	74.2	74.5	73.7	71.8	70.0	68.1	67.4	67.3
75	0.00	0.05	0.22	2.14	11.1	8.58	4.02	15.3	22.1	26.3	27.4	24.8	20.5	15.5	10.5	6.22	2.84	0.73	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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=1.1600]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ □ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247
5	6755	6750	6747	6747	6751	6756	6765	6777	6792	6810	6832	6856	6884	6915	6949	6987	7027	7069	7059
10	6262	6246	6232	6221	6213	6209	6205	6205	6212	6223	6243	6270	6308	6353	6408	6473	6547	6629	6612
15	5766	5733	5696	5662	5624	5588	5556	5531	5516	5510	5515	5534	5567	5616	5679	5760	5860	5977	5953
20	4745	4726	4716	4709	4709	4717	4733	4757	4750	4710	4687	4681	4697	4730	4788	4872	4984	5124	5097
25	3722	3708	3699	3697	3703	3714	3731	3746	3763	3784	3811	3774	3763	3777	3820	3895	4002	4145	4117
30	2705	2703	2706	2723	2749	2780	2805	2829	2847	2860	2874	2901	2903	2899	2920	2968	3050	3173	3151
35	2066	2048	2029	2014	2003	1990	1990	2039	2072	2096	2112	2128	2157	2173	2172	2195	2249	2340	2323
40	1438	1432	1431	1432	1436	1441	1448	1454	1459	1481	1498	1514	1542	1587	1592	1599	1636	1709	1696
45	812	827	850	875	904	936	966	993	1010	1010	989	1002	1029	1068	1103	1092	1120	1188	1178
50	600	591	578	561	544	523	539	595	635	647	629	597	614	638	655	653	666	710	703
55	397	393	387	380	374	366	358	351	347	374	378	363	349	358	358	358	358	376	374
60	195	195	201	207	215	222	225	227	225	218	208	208	203	197	195	196	196	208	203
65	128	124	121	117	116	113	108	114	117	116	111	103	96.2	91.1	91.8	88.3	88.0	93.1	89.4
70	64.2	63.0	62.8	62.8	64.0	64.4	62.6	57.0	47.4	34.1	30.9	34.3	26.6	24.3	23.5	17.6	12.7	6.50	10.6
75	0.69	2.62	5.56	9.23	13.5	17.6	20.8	21.5	19.4	13.8	1.14	0.00	3.43	0.48	0.05	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	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=1.1600]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--3

UNIT: cd

C (DEG) □ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247
5	7051	7046	7042	7041	7042	7045	7049	7053	7059	7066	7074	7083	7091	7100	7110	7119	7129	7136	7145
10	6603	6602	6610	6625	6646	6674	6707	6745	6782	6820	6856	6887	6914	6941	6967	6990	7010	7025	7038
15	5947	5959	5988	6029	6085	6150	6227	6310	6394	6479	6566	6647	6716	6771	6816	6859	6891	6912	6926
20	5099	5131	5190	5276	5376	5496	5628	5775	5852	5870	5897	5928	5969	6007	6036	6071	6107	6139	6177
25	4128	4178	4267	4390	4547	4733	4755	4785	4826	4881	4941	5010	5080	5157	5221	5275	5322	5357	5388
30	3175	3240	3343	3493	3601	3635	3683	3742	3814	3894	3986	4085	4187	4294	4399	4477	4537	4570	4589
35	2349	2419	2535	2617	2649	2688	2742	2807	2875	2955	3069	3184	3283	3372	3456	3520	3567	3596	3619
40	1723	1790	1862	1871	1900	1948	1993	2036	2104	2185	2274	2354	2422	2476	2525	2566	2596	2617	2639
45	1210	1280	1280	1297	1343	1382	1406	1435	1476	1523	1572	1606	1621	1622	1616	1620	1626	1637	1664
50	737	781	789	814	859	909	927	931	941	954	995	1065	1105	1140	1167	1194	1210	1210	1203
55	397	411	428	447	497	530	538	523	572	631	680	719	742	757	767	780	795	796	795
60	213	216	228	242	261	275	299	327	355	381	401	402	396	385	371	368	379	383	392
65	90.8	94.8	102	109	120	138	151	165	172	177	198	210	222	233	241	249	260	259	256
70	12.0	19.1	16.1	31.7	38.4	32.5	38.0	63.5	84.5	101	110	116	120	128	132	136	142	142	142
75	0.00	0.00	0.00	2.59	0.00	0.02	13.5	24.7	31.5	32.9	29.6	24.2	20.3	24.1	24.8	23.2	23.1	24.9	28.7
80	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.32	0.94	0.60	0.16	0.00	0.18	0.71
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=1.1600]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.15V I:0.2508A P:55.170W PF:0.9603 Freq:49.99Hz Lamp Flux:7738.21x1 lm		
NAME: GLM-FLA55	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C (DEG) □ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247	7247				
5	7153	7161	7169	7176	7184	7192	7200	7209	7217	7226	7235	7244	7254	7264	7275				
10	7049	7058	7066	7073	7079	7083	7086	7086	7087	7087	7091	7096	7104	7117	7134				
15	6935	6939	6939	6927	6905	6876	6847	6817	6791	6769	6748	6736	6732	6740	6760				
20	6221	6271	6317	6364	6423	6497	6501	6415	6329	6251	6186	6134	6101	6091	6106				
25	5418	5435	5445	5461	5485	5513	5551	5605	5664	5496	5351	5231	5146	5100	5100				
30	4585	4556	4520	4483	4454	4434	4419	4412	4400	4388	4265	4080	3949	3876	3862				
35	3618	3594	3547	3475	3381	3329	3284	3242	3190	3130	3074	2963	2827	2749	2727				
40	2644	2640	2615	2566	2492	2401	2316	2277	2229	2171	2121	2091	2012	1945	1926				
45	1694	1735	1761	1760	1732	1681	1631	1590	1565	1524	1476	1447	1437	1376	1353				
50	1187	1171	1146	1112	1084	1083	1070	1056	1045	1024	975	943	929	888	855				
55	794	790	779	759	718	671	608	611	615	601	559	525	506	490	463				
60	408	421	431	437	430	411	375	332	300	314	295	277	268	266	261				
65	249	235	218	206	189	197	194	179	165	155	150	146	146	145	146				
70	138	129	119	115	109	100	84.9	63.9	60.1	58.1	57.7	50.8	52.8	55.6	59.0				
75	28.1	25.6	24.9	31.3	36.2	38.1	35.0	26.8	13.6	0.00	7.98	5.76	1.95	0.00	0.04				
80	1.18	0.90	0.00	0.00	0.00	0.00	0.00	1.00	1.53	0.00	0.00	0.00	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				
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=1.1600]
Remarks: