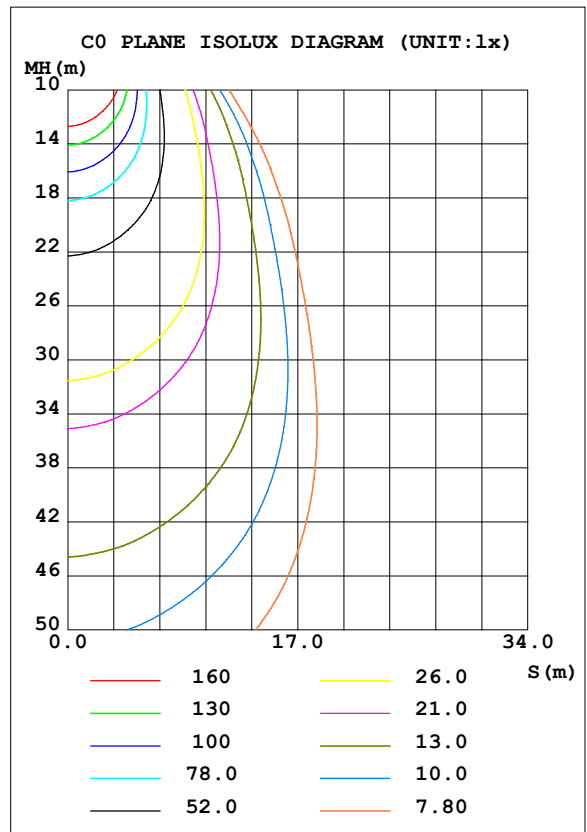
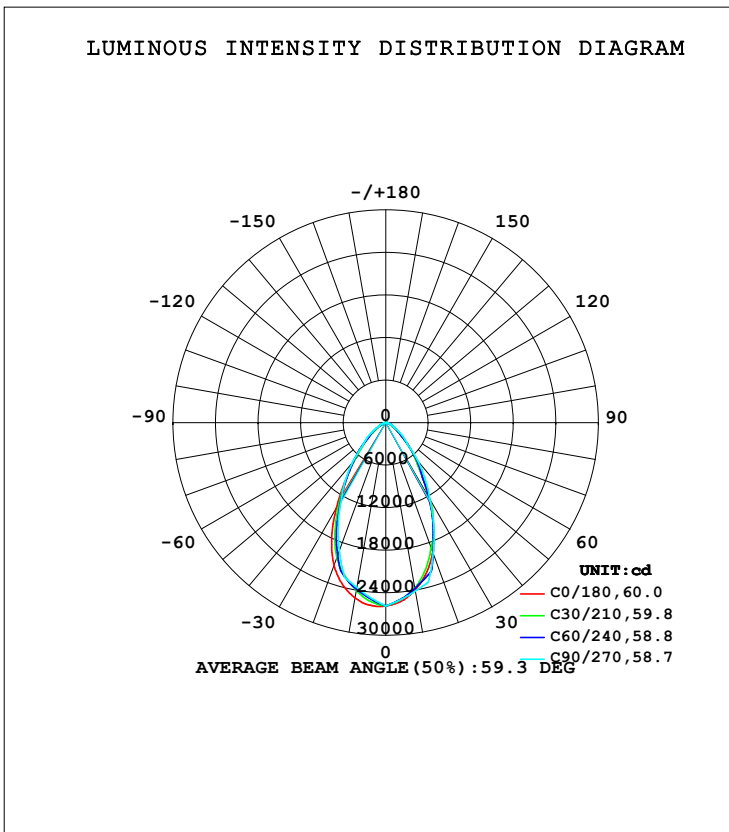


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.86 lm/W			
MODEL		I _{max} (cd)	25938	S/MH (C0/180)	0.94
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.88
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	28418	<input type="checkbox"/> UP, DN (C0-180)	0.0, 49.9
NOMINAL FLUX (lm)	28417.8	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.0, 50.1
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:11 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=1.1667]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	2396	2365	2411	2426	2508	2393	2362	2334	0- 10	2359	2359	8.3,8.3
20	1939	1991	1963	2081	2138	2025	1918	1948	10- 20	6221	8580	30.2,30.2
30	1206	1219	1243	1319	1401	1317	1256	1234	20- 30	7415	15995	56.3,56.3
40	641.0	621.3	704.1	656.3	691.4	685.5	731.6	659.2	30- 40	5851	21847	76.9,76.9
50	292.5	293.0	334.4	312.4	319.9	319.8	357.1	305.8	40- 50	3624	25471	89.6,89.6
60	114.9	129.6	133.4	131.9	115.4	129.7	133.0	120.5	50- 60	1837	27308	96.1,96.1
70	44.85	57.51	61.58	56.34	44.09	46.61	55.57	46.64	60- 70	831.2	28139	99,99
80	8.042	9.356	0	9.139	2.186	1.520	0	2.823	70- 80	269.2	28408	100,100
90	3.171	0	0	0	0.0716	0	0	0	80- 90	9.937	28418	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): 23934 lm

%lum = 84.2%

%lamp = 84.2%

Conical surface Flux(120deg): 27308 lm

%lum = 96.1%

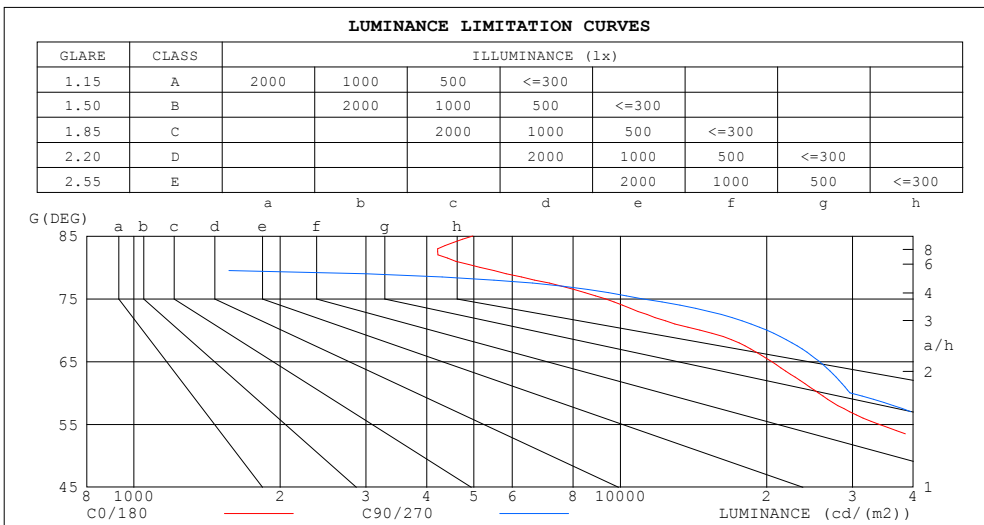
%lamp = 96.1%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4978	0
80	5146	0
75	9301	11053
70	14570	20006
65	20457	25667
60	25537	29645
55	33982	45381
50	50555	57799
45	71379	68458

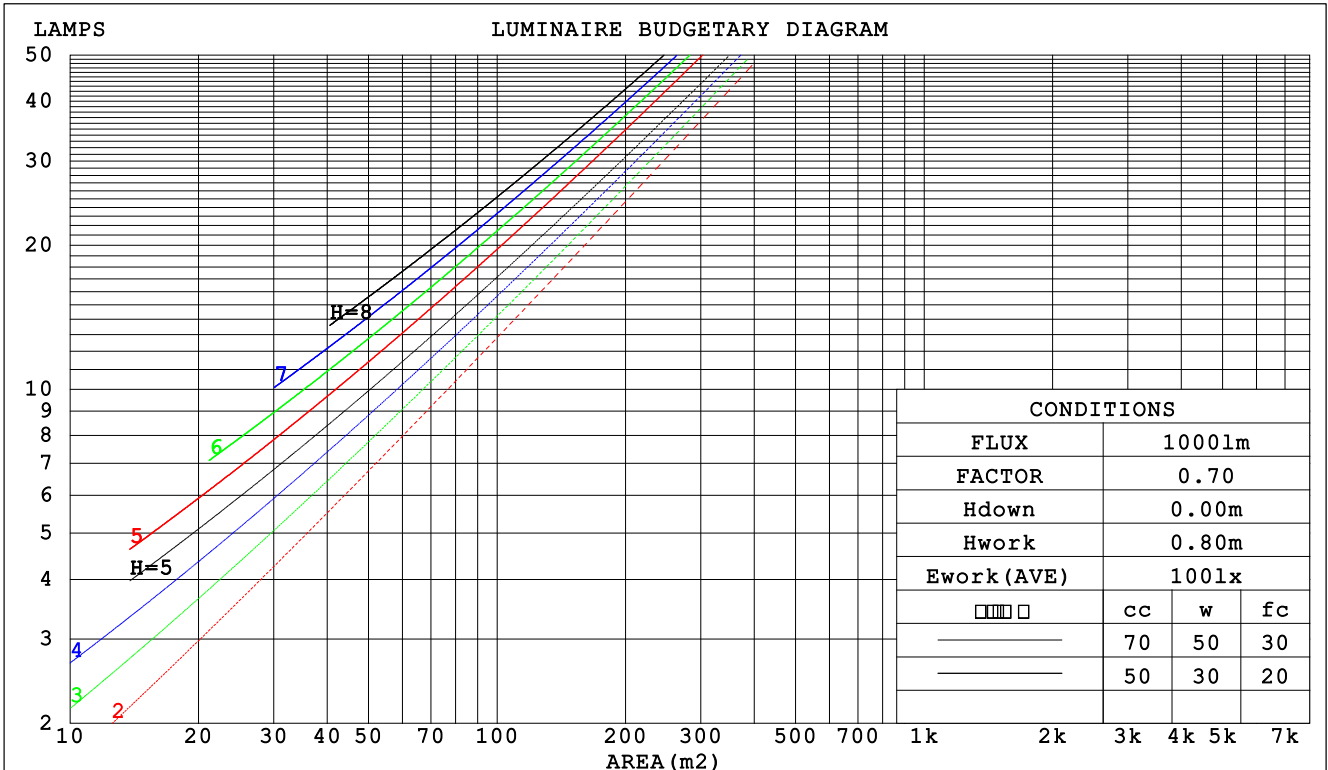
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 May 2022

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=1.1667]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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	.00
1.0	1.09	1.06	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.94	.93	.91
2.0	.00	.95	.91	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.87	.85	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.68	.64	.62
6.0	.72	.65	.61	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.63	.59	.57
7.0	.67	.60	.56	.67	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.55	.53
8.0	.63	.56	.51	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.55	.51	.47	.46
10.0	.55	.49	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.43



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

WEC AND CCEC

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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	.206 .117 .037	.199 .114 .036	.187 .107 .034	.175 .101 .032	.164 .095 .031	
2.0	.200 .110 .034	.194 .107 .033	.183 .102 .032	.173 .097 .030	.164 .093 .029	
3.0	.191 .102 .030	.186 .099 .030	.176 .096 .029	.168 .092 .028	.160 .088 .027	
4.0	.181 .094 .028	.177 .092 .027	.168 .089 .027	.161 .086 .026	.154 .084 .025	
5.0	.172 .087 .025	.168 .086 .025	.161 .084 .025	.154 .081 .024	.148 .079 .024	
6.0	.163 .082 .023	.159 .080 .023	.153 .078 .023	.147 .076 .022	.141 .074 .022	
7.0	.154 .076 .022	.151 .075 .021	.146 .074 .021	.140 .072 .021	.135 .070 .021	
8.0	.147 .072 .020	.144 .071 .020	.139 .069 .020	.134 .068 .020	.130 .067 .019	
9.0	.140 .068 .019	.137 .067 .019	.133 .066 .019	.128 .064 .018	.124 .063 .018	
10.0	.133 .064 .018	.131 .063 .018	.127 .062 .018	.123 .061 .017	.119 .060 .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 .094	.094 .079 .066	.054 .046 .039	.017 .015 .013	
3.0	.149 .114 .085	.128 .098 .074	.088 .068 .052	.051 .040 .031	.016 .013 .010	
4.0	.140 .099 .068	.120 .086 .059	.083 .060 .042	.048 .035 .025	.015 .011 .008	
5.0	.132 .088 .056	.113 .076 .049	.078 .053 .034	.045 .031 .020	.015 .010 .007	
6.0	.125 .079 .046	.107 .069 .040	.074 .048 .029	.043 .028 .017	.014 .009 .006	
7.0	.119 .072 .039	.102 .062 .034	.071 .044 .024	.041 .026 .014	.013 .008 .005	
8.0	.113 .066 .034	.097 .057 .029	.067 .040 .021	.039 .024 .012	.013 .008 .004	
9.0	.108 .061 .029	.093 .053 .026	.064 .037 .018	.037 .022 .011	.012 .007 .004	
10.0	.103 .057 .026	.089 .049 .022	.061 .035 .016	.036 .020 .010	.012 .007 .003	

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm										
NAME: GLM-FLA200					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	23.5	24.7	23.8	24.8	25.0	24.2	25.3	24.4	25.5	25.6
3H	23.7	24.7	24.0	25.0	25.2	24.5	25.5	24.8	25.7	25.9
4H	23.7	24.7	24.0	24.9	25.2	24.5	25.5	24.8	25.7	25.9
6H	23.7	24.6	24.0	24.8	25.1	24.4	25.3	24.7	25.6	25.8
8H	23.6	24.5	24.0	24.8	25.0	24.4	25.3	24.7	25.5	25.8
12H	23.6	24.4	23.9	24.7	25.0	24.3	25.2	24.7	25.4	25.7
4H 2H	23.6	24.6	23.9	24.8	25.1	24.2	25.2	24.5	25.4	25.6
3H	23.9	24.8	24.3	25.0	25.3	24.6	25.5	25.0	25.7	26.0
4H	24.0	24.7	24.3	25.0	25.4	24.7	25.5	25.1	25.8	26.1
6H	23.9	24.6	24.3	25.0	25.3	24.6	25.3	25.0	25.6	26.0
8H	23.9	24.5	24.3	24.9	25.3	24.6	25.2	25.0	25.6	25.9
12H	23.9	24.4	24.3	24.8	25.2	24.5	25.1	25.0	25.5	25.9
8H 4H	24.0	24.6	24.4	24.9	25.3	24.7	25.3	25.1	25.6	26.0
6H	24.0	24.5	24.4	24.9	25.3	24.6	25.1	25.0	25.5	25.9
8H	23.9	24.4	24.4	24.8	25.2	24.6	25.0	25.0	25.4	25.9
12H	23.9	24.3	24.4	24.7	25.2	24.5	24.9	25.0	25.3	25.8
12H 4H	23.9	24.5	24.3	24.9	25.2	24.6	25.2	25.0	25.5	25.9
6H	23.9	24.4	24.4	24.8	25.2	24.6	25.0	25.0	25.4	25.9
8H	23.9	24.3	24.4	24.7	25.2	24.5	24.9	25.0	25.3	25.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.3 / - 2.1					+ 1.1 / - 1.6				
1.5H	+ 1.4 / - 1.4					+ 1.8 / - 1.3				
2.0H	+ 3.0 / - 2.0					+ 2.1 / - 2.2				

CIE Pub.117, 28418 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 11.6)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

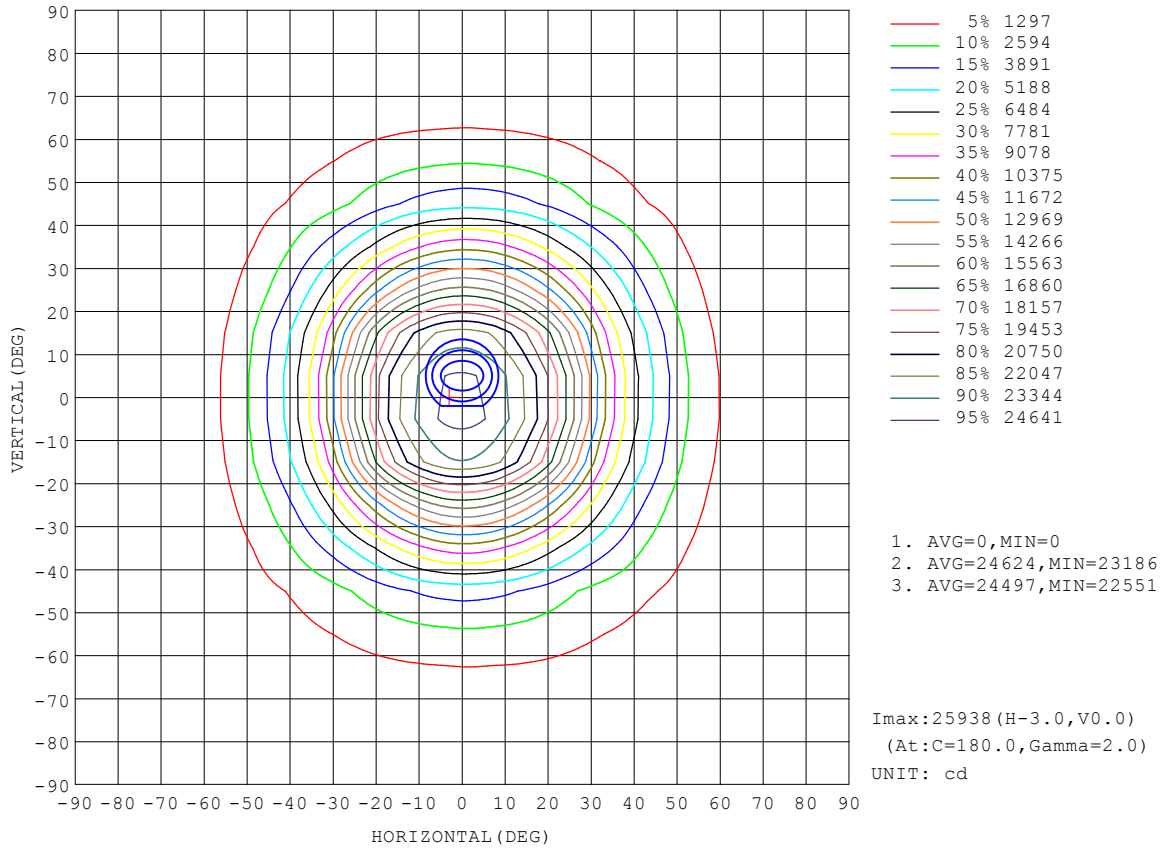
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	77	69	64	76	68	64	75	68	64	59
0.80	86	78	73	85	78	73	84	77	72	68
1.00	92	85	80	91	84	80	89	85	79	74
1.25	97	91	86	96	90	86	94	89	85	80
1.50	101	95	90	100	94	90	97	92	89	83
2.00	105	100	96	103	99	95	101	97	93	87
2.50	107	102	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	105	110	107	104	106	103	101	94
5.00	113	110	108	111	108	106	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:11 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=1.1667]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

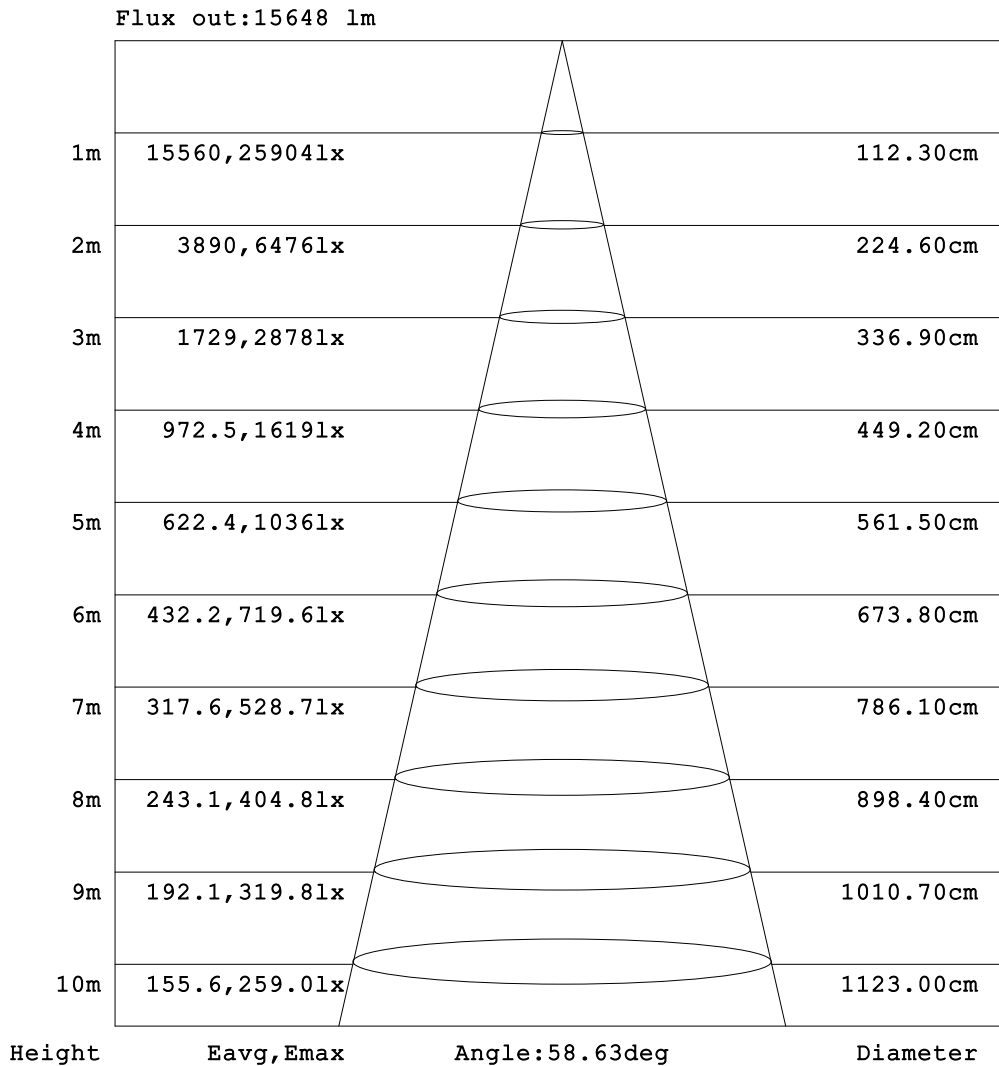


H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:11 May 2022

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=1.1667]
 Remarks:

AAI Figure

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



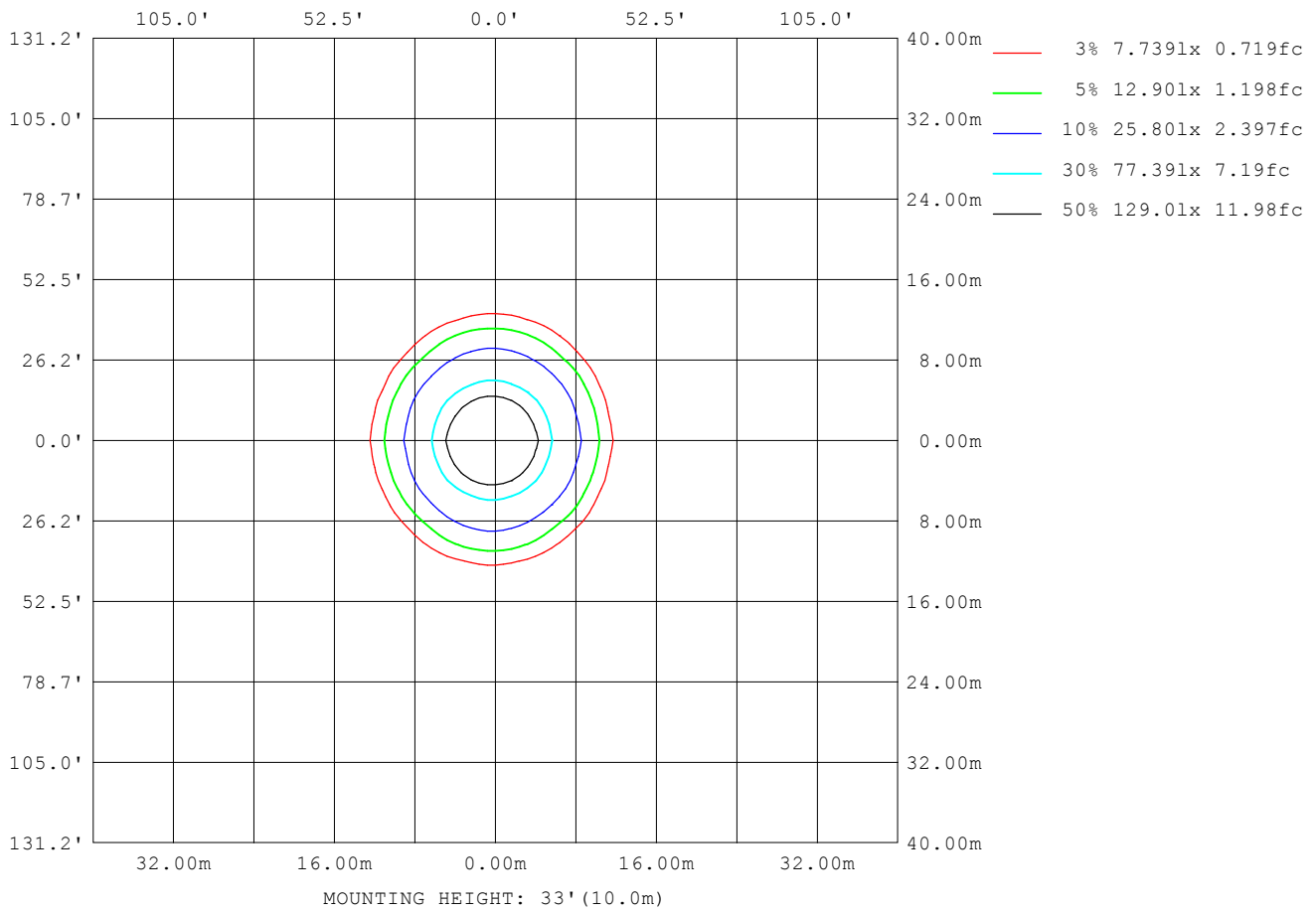
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

ISOLUX DIAGRAM

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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:11 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=1.1667]
Remarks:

LED Avg.L Report

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

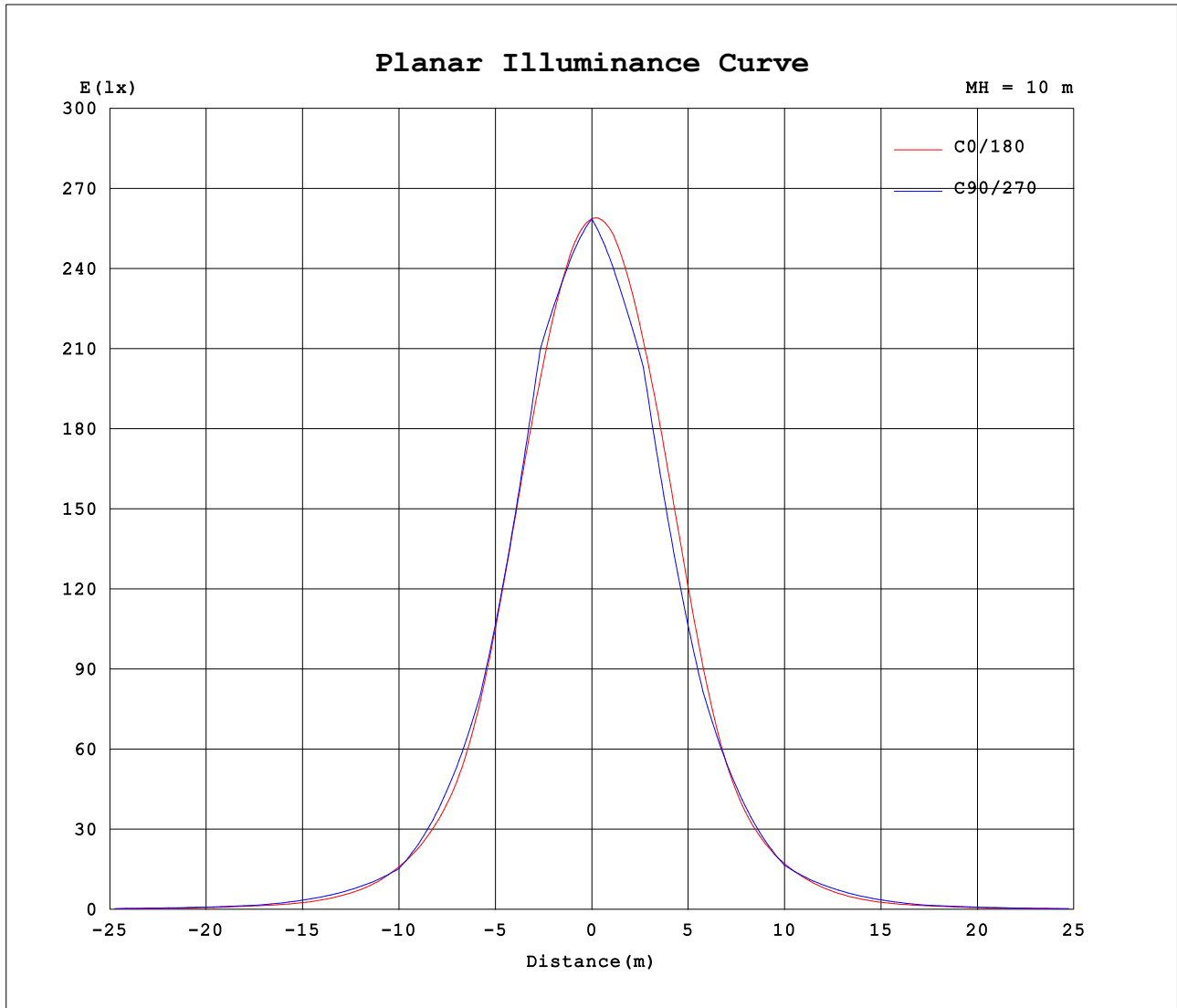
AvgL	cd/m2
L_0~180 (65) av	20177
L_0~180 (75) av	8346
L_0~180 (85) av	2489
L_90~270 (65) av	25267
L_90~270 (75) av	9147
L_90~270 (85) av	0
L_45 (65) av	22223
L_45 (75) av	11578
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

C (DEG) □ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587
5	2529	2523	2517	2513	2508	2505	2502	2500	2499	2498	2497	2497	2497	2498	2498	2499	2501	2502	2504
10	2396	2386	2378	2373	2370	2370	2371	2367	2364	2365	2367	2370	2375	2381	2387	2393	2399	2405	2411
15	2203	2190	2182	2178	2176	2162	2154	2152	2155	2174	2198	2221	2245	2267	2286	2301	2313	2322	2327
20	1939	1926	1923	1919	1893	1877	1879	1913	1951	1991	1998	1977	1962	1952	1948	1948	1950	1955	1963
25	1592	1584	1590	1556	1527	1544	1597	1657	1626	1598	1576	1573	1577	1583	1588	1594	1599	1602	1606
30	1206	1209	1209	1164	1166	1223	1245	1218	1202	1219	1231	1233	1221	1214	1213	1217	1225	1234	1243
35	872	882	866	835	879	893	867	880	905	902	882	860	881	906	928	947	962	971	975
40	641	651	623	628	648	617	632	648	633	621	637	654	664	672	678	685	692	698	704
45	454	469	431	468	438	441	447	436	451	458	450	442	442	445	447	444	439	435	436
50	292	300	284	294	286	290	280	306	307	293	284	275	280	296	308	318	325	330	334
55	175	178	181	171	184	176	194	190	189	182	186	192	203	214	223	229	231	232	234
60	115	113	116	117	114	122	121	127	126	130	135	140	143	144	143	140	136	132	133
65	77.8	74.9	73.8	75.7	79.5	79.0	82.4	84.2	89.8	91.3	90.6	89.1	92.0	94.7	96.0	96.8	96.5	96.3	97.6
70	44.8	48.7	49.8	50.0	49.1	49.5	53.4	54.3	53.8	57.5	60.4	61.3	62.0	62.7	62.8	62.6	61.6	60.6	61.6
75	21.7	22.4	24.2	26.7	26.8	28.4	29.2	31.7	31.7	31.5	32.0	32.4	31.9	31.4	30.5	29.1	26.9	25.4	25.7
80	8.04	9.01	9.33	10.6	11.5	12.7	12.3	12.0	10.5	9.36	8.77	7.89	6.27	4.67	3.13	1.79	0.77	0.19	0.00
85	3.90	3.16	3.25	3.27	3.00	1.39	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	3.17	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:11 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=1.1667]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587
5	2505	2507	2508	2511	2513	2516	2519	2522	2526	2531	2536	2541	2547	2554	2561	2569	2577	2586	2575
10	2416	2420	2423	2425	2427	2428	2428	2427	2426	2424	2423	2423	2431	2442	2455	2471	2489	2508	2485
15	2330	2330	2328	2324	2316	2308	2301	2294	2291	2287	2277	2268	2261	2258	2273	2298	2328	2363	2323
20	1973	1985	1999	2012	2025	2041	2059	2079	2081	2066	2058	2058	2041	2023	2010	2037	2082	2138	2078
25	1610	1615	1621	1629	1642	1661	1687	1713	1724	1735	1740	1725	1725	1713	1680	1670	1733	1811	1731
30	1250	1256	1258	1259	1261	1264	1267	1288	1319	1350	1344	1322	1309	1319	1301	1262	1310	1401	1312
35	975	971	963	954	943	930	919	926	928	937	963	968	930	920	941	901	911	990	915
40	709	711	709	703	692	675	660	657	656	657	646	659	671	644	650	646	633	691	637
45	437	444	454	463	471	475	473	462	451	459	468	447	449	461	450	467	438	487	441
50	335	332	328	320	308	292	287	300	312	309	300	305	289	299	299	302	285	320	286
55	232	231	229	227	223	217	207	192	177	192	197	183	182	171	186	171	170	188	170
60	132	133	136	139	141	140	138	136	132	123	115	122	111	111	105	106	108	115	108
65	95.1	93.9	93.0	91.4	89.9	87.8	87.2	88.5	87.0	84.0	83.1	77.4	76.0	71.3	72.4	72.0	72.1	75.7	71.1
70	61.0	60.7	61.4	61.1	60.4	59.1	58.5	57.3	56.3	54.8	52.4	50.1	49.5	45.5	42.0	40.1	39.9	44.1	38.6
75	26.1	27.5	29.6	30.9	31.6	32.0	32.7	32.8	31.9	30.9	29.6	29.0	26.7	25.5	22.0	18.7	16.8	17.2	14.9
80	0.19	0.79	1.83	3.21	4.76	6.37	7.93	8.66	9.14	10.3	11.9	12.4	11.4	10.1	7.09	4.66	2.28	2.19	0.59
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	1.13	2.29	2.50	1.75	0.05	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	0.07	0.00

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:11 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=1.1667]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587
5	2565	2555	2546	2537	2529	2522	2515	2509	2504	2499	2494	2491	2488	2485	2483	2480	2479	2477	2477
10	2463	2443	2426	2412	2400	2397	2394	2393	2391	2389	2387	2383	2379	2376	2371	2367	2362	2356	2351
15	2288	2258	2238	2236	2237	2240	2245	2243	2242	2244	2249	2253	2257	2258	2258	2257	2254	2248	2241
20	2027	1996	2002	2014	2023	2016	2017	2025	2021	2004	1989	1976	1965	1952	1939	1928	1918	1911	1907
25	1667	1673	1700	1705	1699	1706	1701	1693	1685	1663	1641	1624	1612	1605	1599	1594	1590	1587	1585
30	1267	1305	1323	1312	1321	1339	1345	1317	1292	1275	1275	1275	1273	1272	1269	1263	1256	1250	1243
35	909	953	935	946	983	978	955	951	954	954	963	972	980	986	992	995	995	993	987
40	654	662	659	687	676	665	681	686	686	688	703	719	730	735	736	735	732	728	723
45	474	460	472	460	460	483	475	467	479	491	494	491	486	479	472	469	470	471	476
50	304	302	302	292	312	308	317	320	307	293	301	321	337	346	352	356	357	354	349
55	170	185	170	180	181	200	195	179	192	209	222	230	236	240	241	243	245	243	241
60	105	103	109	107	118	112	121	130	133	136	141	144	142	139	134	133	133	130	130
65	69.7	68.5	66.0	69.6	70.4	76.5	77.3	79.9	81.8	83.0	85.9	88.5	89.9	91.4	91.6	92.6	94.6	91.8	89.7
70	36.6	36.5	38.1	41.0	40.5	42.3	44.4	46.6	48.2	50.9	53.2	55.0	55.7	56.1	55.1	55.0	55.6	54.0	54.0
75	15.0	15.6	17.3	17.2	18.8	19.5	20.7	22.3	23.2	23.3	22.9	22.2	21.3	20.4	18.4	16.8	16.9	17.1	19.0
80	0.34	1.88	2.70	4.83	5.51	3.90	1.00	1.52	3.12	3.48	3.25	2.65	1.90	1.17	0.51	0.12	0.00	0.12	0.53
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:11 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=1.1667]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.96V I:0.9021A P:198.93W PF:0.9843 Freq:49.99Hz Lamp Flux:28417.8x1 lm		
NAME: GLM-FLA200	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	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587	2587				
5	2476	2475	2476	2476	2477	2478	2480	2483	2487	2490	2495	2500	2506	2513	2521				
10	2346	2342	2339	2336	2334	2333	2334	2337	2342	2350	2353	2356	2363	2371	2382				
15	2231	2221	2206	2189	2171	2152	2135	2122	2124	2131	2143	2161	2167	2174	2186				
20	1906	1906	1909	1918	1932	1951	1948	1916	1886	1860	1864	1882	1911	1918	1924				
25	1582	1576	1571	1566	1562	1564	1585	1611	1641	1589	1543	1530	1559	1592	1585				
30	1236	1233	1234	1239	1249	1247	1234	1217	1232	1258	1238	1182	1177	1217	1213				
35	976	961	942	921	903	919	935	935	908	893	917	900	850	876	887				
40	719	714	710	705	695	677	659	666	677	657	639	668	643	632	656				
45	481	485	484	480	477	481	487	476	462	471	460	452	480	439	473				
50	343	336	326	312	303	304	306	319	321	296	303	295	302	289	302				
55	239	234	227	215	202	192	182	186	189	196	176	183	170	182	178				
60	133	136	139	140	137	130	120	116	114	112	115	107	112	113	111				
65	87.6	84.6	81.8	78.5	75.9	78.5	79.9	77.9	72.7	72.2	70.7	73.0	71.6	71.3	73.7				
70	53.6	52.5	51.7	50.6	50.0	48.8	46.6	43.4	44.3	44.2	41.6	42.8	45.6	47.4	47.9				
75	21.0	21.8	22.4	22.9	23.1	22.9	22.2	22.4	22.6	20.6	20.4	20.2	21.6	21.2	21.1				
80	1.23	2.07	2.96	3.78	4.31	4.24	2.82	2.39	4.08	5.81	6.69	5.02	4.50	4.78	7.05				
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	0.01				
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:11 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=1.1667]
Remarks: