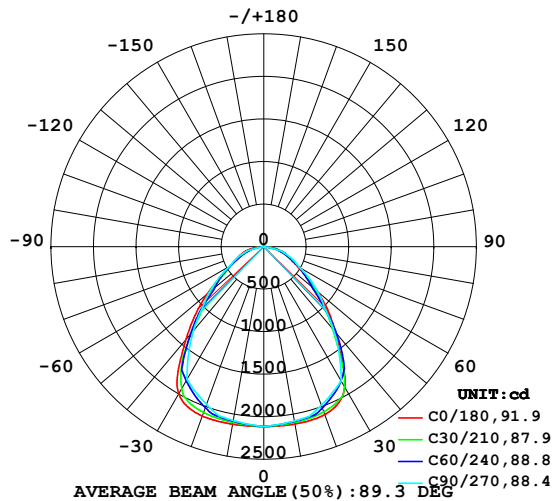


LUMINAIRE PHOTOMETRIC TEST REPORT

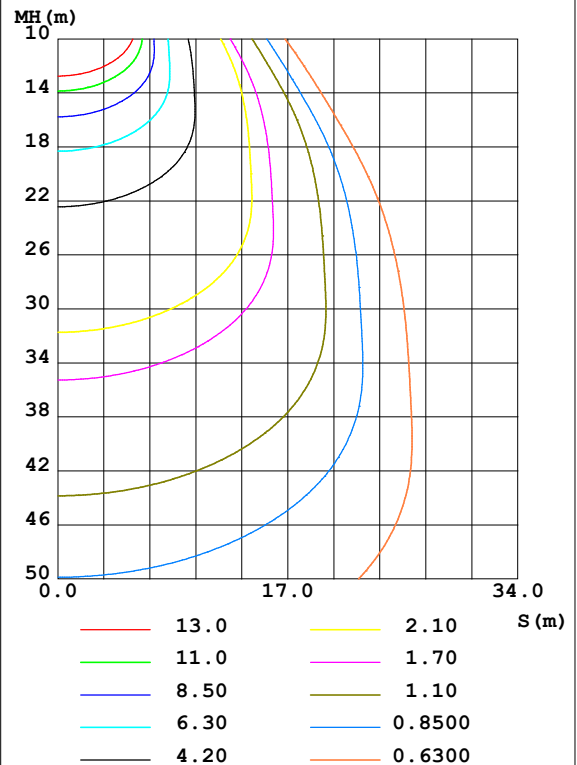
Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.54 lm/W			
MODEL		Imax(cd)	2122	S/MH(C0/180)	1.28
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	4611.8	□ UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	4611.78	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	□ up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	□ down(%)	100.0	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	2117	2091	2081	2093	2119	2089	2075	2087	0- 10	200.4	200.4	4.35,4.35
20	2100	2061	1983	2064	2117	2059	1972	2053	10- 20	587.7	788.1	17.1,17.1
30	1905	1820	1821	1844	1998	1841	1805	1805	20- 30	907.6	1696	36.8,36.8
40	1310	1245	1279	1344	1423	1334	1284	1226	30- 40	1002	2697	58.5,58.5
50	818.2	717.4	831.0	756.7	874.6	755.8	837.1	709.2	40- 50	791.2	3489	75.6,75.6
60	451.6	425.5	477.5	429.1	449.3	426.8	462.9	418.1	50- 60	550.5	4039	87.6,87.6
70	287.1	260.6	302.6	250.5	292.7	238.0	287.8	247.1	60- 70	358.6	4398	95.4,95.4
80	138.6	89.85	0	83.62	144.3	78.60	0	83.21	70- 80	193.4	4591	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	20.71	4612	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): 3126.8 lm

%lum = 67.8%

%lamp = 67.8%

Conical surface Flux(120deg): 4039.1 lm

%lum = 87.6%

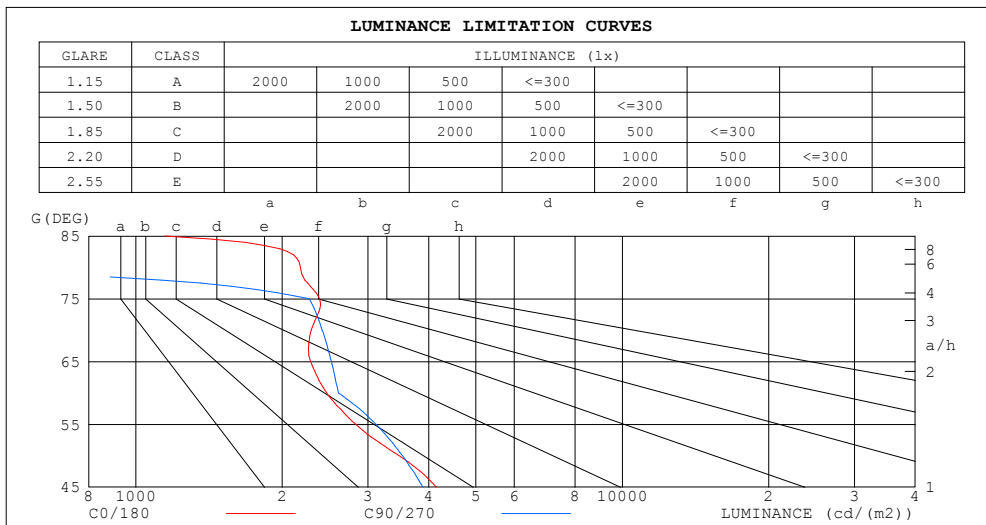
%lamp = 87.6%

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1147	0
80	2180	0
75	2387	2275
70	2293	2417
65	2288	2524
60	2467	2609
55	2831	3118
50	3478	3532
45	4148	3894

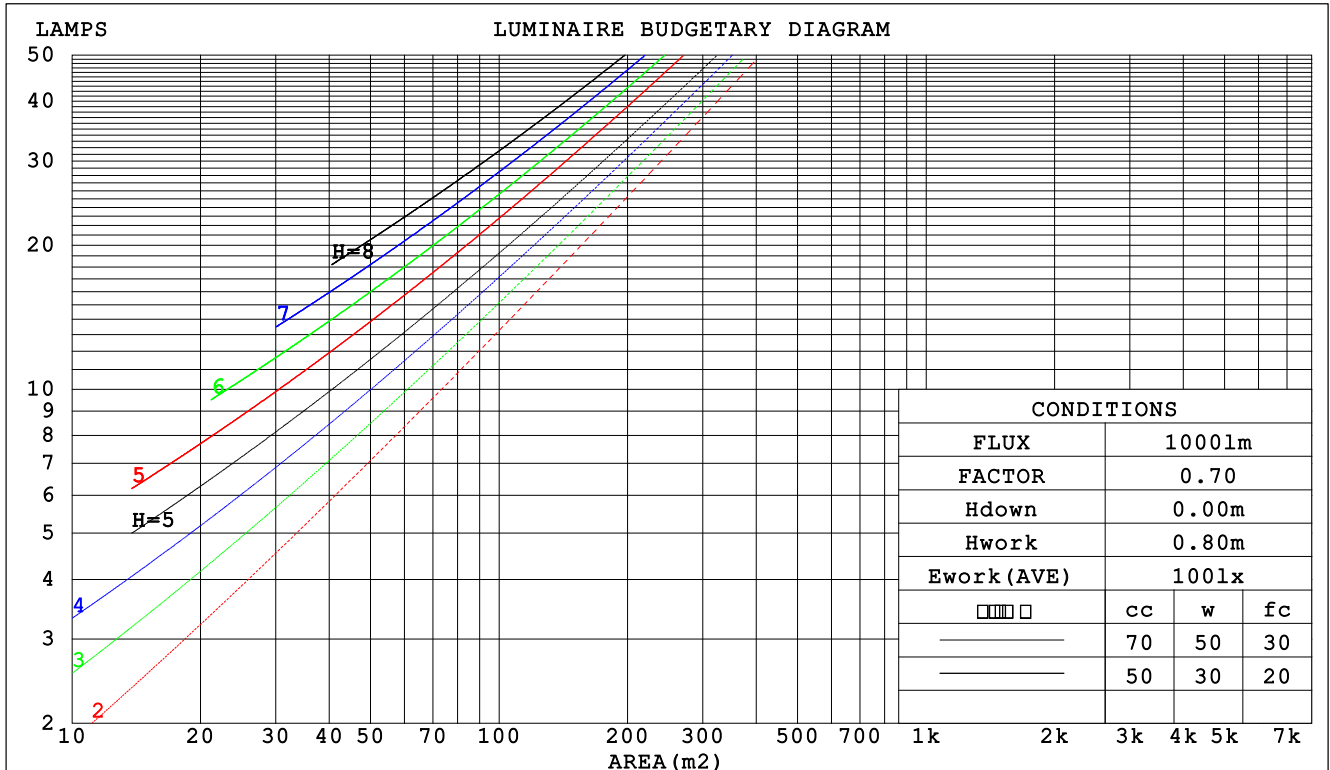
H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	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	1.06	1.03	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.75	.70	.78	.73	.69	.75	.71	.68	.66
4.0	.76	.68	.62	.75	.68	.62	.72	.66	.61	.70	.65	.60	.68	.63	.60	.58
5.0	.69	.61	.55	.68	.60	.54	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.63	.54	.49	.62	.54	.48	.60	.53	.48	.58	.52	.48	.57	.51	.47	.45
7.0	.57	.49	.44	.57	.49	.43	.55	.48	.43	.54	.47	.43	.52	.47	.43	.41
8.0	.53	.45	.39	.52	.44	.39	.51	.44	.39	.50	.43	.39	.48	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
10.0	.45	.38	.33	.45	.37	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.31



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

WEC AND CCEC

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	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 Wall Exitance Coefficients(WEC)					
0.0						
1.0	.260 .148 .047	.253 .144 .046	.240 .138 .044	.228 .131 .042	.217 .126 .041	
2.0	.251 .137 .042	.245 .135 .041	.233 .130 .040	.223 .125 .039	.213 .121 .038	
3.0	.236 .126 .038	.231 .124 .037	.221 .120 .036	.212 .116 .036	.203 .112 .035	
4.0	.221 .115 .034	.216 .113 .033	.207 .110 .033	.199 .107 .032	.192 .104 .032	
5.0	.207 .105 .031	.203 .104 .030	.195 .101 .030	.188 .099 .029	.181 .097 .029	
6.0	.194 .097 .028	.190 .096 .028	.183 .094 .027	.177 .092 .027	.171 .090 .027	
7.0	.182 .090 .025	.179 .089 .025	.173 .087 .025	.167 .085 .025	.161 .084 .025	
8.0	.171 .084 .024	.168 .083 .023	.163 .081 .023	.158 .080 .023	.153 .078 .023	
9.0	.162 .078 .022	.159 .078 .022	.154 .076 .022	.149 .075 .021	.145 .074 .021	
10.0	.153 .073 .020	.151 .073 .020	.146 .072 .020	.142 .070 .020	.138 .069 .020	

□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 Ceiling Cavity Exitance Coefficients(CCEC)					
0.0	.190 .190 .190	.163 .163 .163	.111 .111 .111	.064 .064 .064	.020 .020 .020	
1.0	.177 .157 .138	.151 .134 .119	.103 .092 .082	.060 .053 .048	.019 .017 .015	
2.0	.167 .132 .103	.143 .114 .089	.098 .079 .062	.056 .046 .036	.018 .015 .012	
3.0	.158 .114 .079	.135 .098 .069	.093 .068 .048	.054 .040 .028	.017 .013 .009	
4.0	.150 .100 .063	.129 .087 .054	.088 .060 .038	.051 .035 .023	.016 .012 .007	
5.0	.142 .090 .051	.122 .078 .044	.084 .054 .031	.049 .032 .018	.016 .010 .006	
6.0	.135 .081 .042	.116 .070 .037	.080 .049 .026	.047 .029 .015	.015 .009 .005	
7.0	.129 .074 .036	.111 .064 .031	.077 .045 .022	.045 .027 .013	.014 .009 .004	
8.0	.123 .068 .031	.106 .059 .027	.073 .042 .019	.043 .024 .011	.014 .008 .004	
9.0	.117 .063 .027	.101 .055 .023	.070 .039 .017	.041 .023 .010	.013 .007 .003	
10.0	.112 .059 .024	.097 .051 .021	.067 .036 .015	.039 .021 .009	.013 .007 .003	

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm										
NAME: GLM-SPL6262-32W-D					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	16.0	17.4	16.3	17.6	17.8	16.1	17.4	16.3	17.6	17.8
3H	17.1	18.3	17.4	18.6	18.8	17.3	18.5	17.6	18.7	19.0
4H	17.7	18.8	18.0	19.1	19.3	17.8	19.0	18.1	19.2	19.4
6H	18.0	19.2	18.4	19.4	19.7	17.8	18.9	18.1	19.2	19.5
8H	18.1	19.2	18.5	19.5	19.8	17.8	18.8	18.1	19.1	19.4
12H	18.2	19.2	18.5	19.5	19.8	17.7	18.7	18.1	19.0	19.3
4H 2H	16.3	17.5	16.7	17.8	18.0	16.4	17.6	16.7	17.8	18.1
3H	17.6	18.6	17.9	18.9	19.2	17.7	18.8	18.1	19.1	19.4
4H	18.3	19.2	18.7	19.5	19.9	18.4	19.3	18.7	19.6	20.0
6H	18.8	19.6	19.2	20.0	20.3	18.5	19.3	18.9	19.6	20.0
8H	18.9	19.7	19.4	20.1	20.5	18.4	19.2	18.8	19.6	19.9
12H	19.0	19.7	19.4	20.1	20.5	18.4	19.1	18.8	19.5	19.9
8H 4H	18.5	19.2	18.9	19.6	20.0	18.5	19.3	18.9	19.7	20.0
6H	19.1	19.7	19.5	20.1	20.6	18.6	19.3	19.1	19.7	20.1
8H	19.3	19.9	19.8	20.3	20.7	18.6	19.2	19.1	19.6	20.0
12H	19.4	19.9	19.9	20.3	20.8	18.6	19.0	19.0	19.5	20.0
12H 4H	18.4	19.1	18.8	19.5	19.9	18.5	19.2	18.9	19.6	20.0
6H	19.1	19.6	19.5	20.1	20.5	18.7	19.2	19.1	19.6	20.1
8H	19.3	19.8	19.8	20.2	20.7	18.6	19.1	19.1	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.5				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.7 / - 0.7					+ 0.6 / - 0.7				

CIE Pub.117, 4612 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.3$)

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

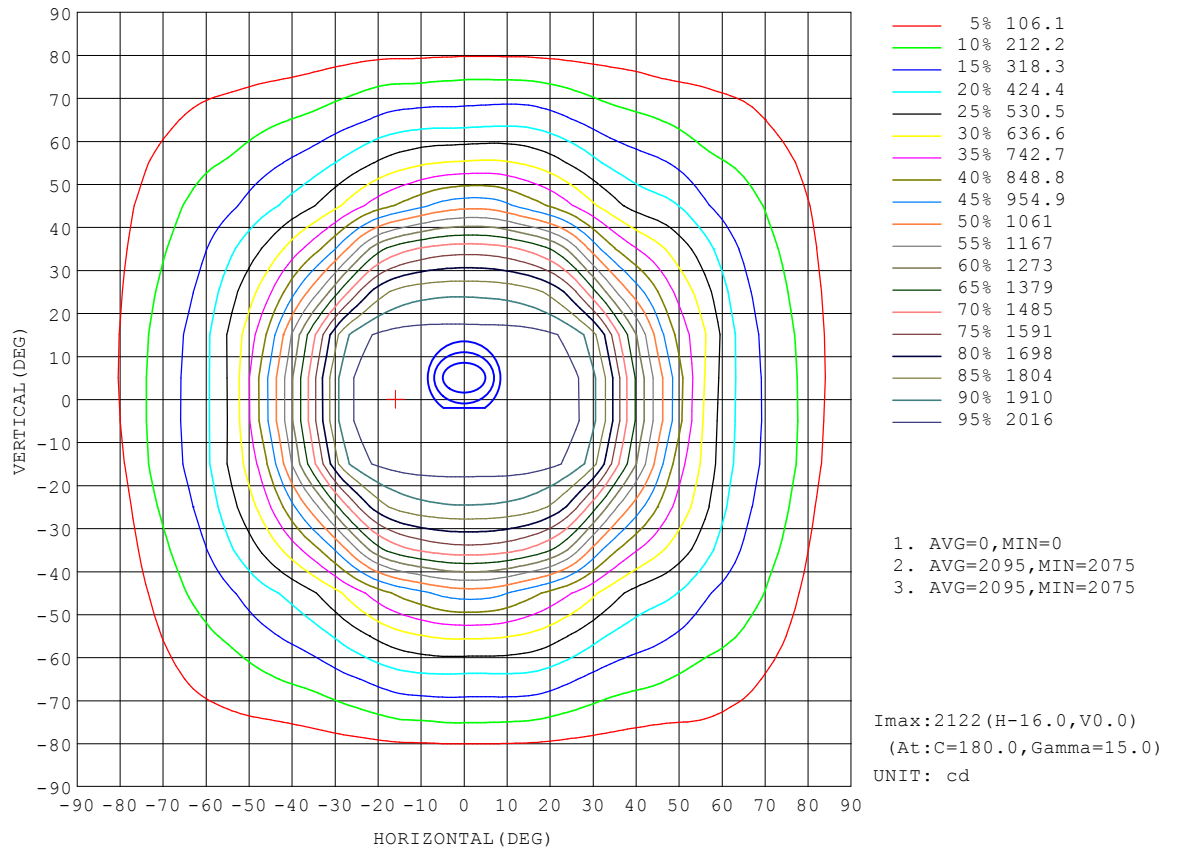
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	49	65	55	49	64	55	49	44
0.80	75	65	59	75	65	59	73	64	59	53
1.00	83	74	68	82	73	67	80	74	67	61
1.25	90	81	75	88	80	74	86	79	74	67
1.50	94	86	80	92	85	79	90	83	78	72
2.00	100	93	87	98	91	87	95	89	85	78
2.50	103	96	91	101	95	91	97	93	89	81
3.00	106	100	95	104	98	94	100	96	92	84
4.00	109	104	100	107	103	99	103	99	96	88
5.00	111	107	104	109	105	102	104	101	99	90
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:2021-08-19

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=1.0867]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

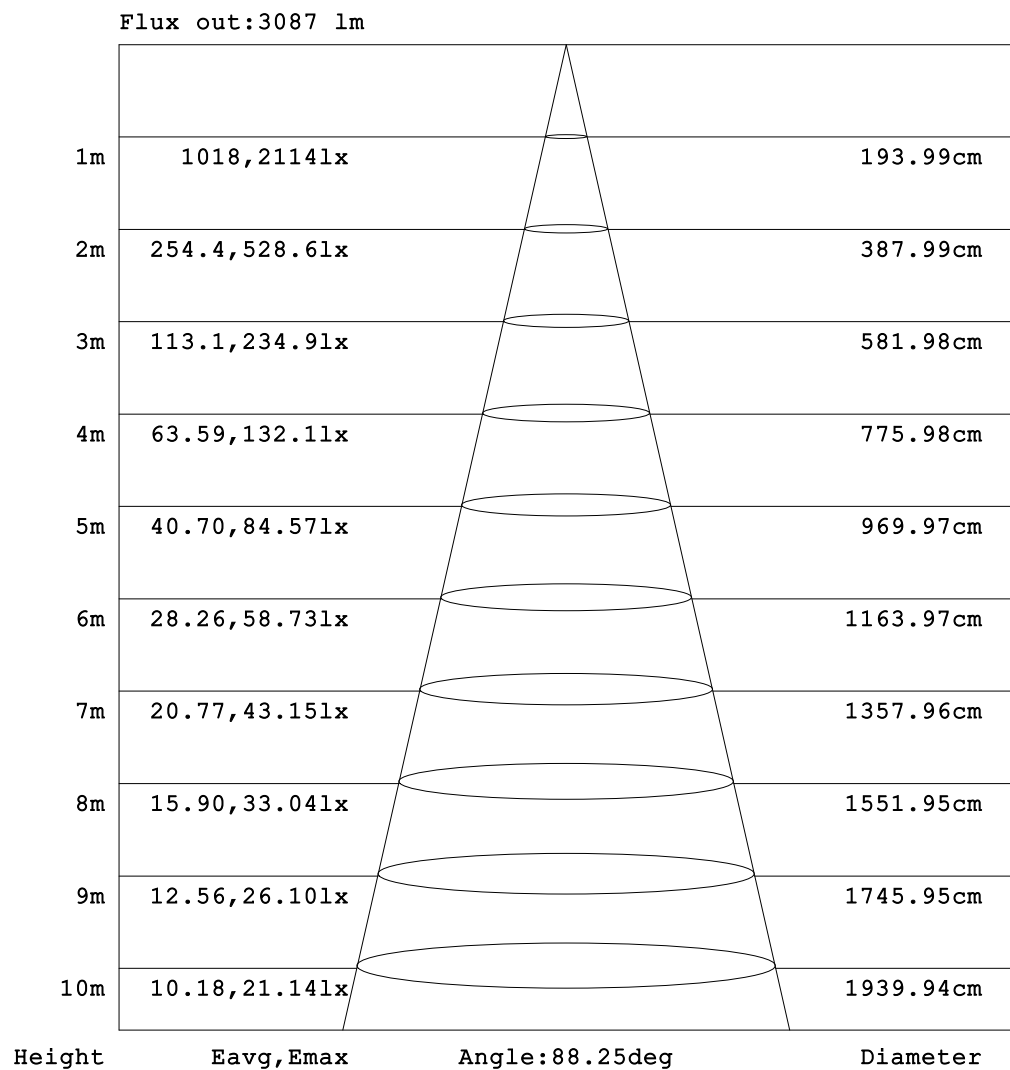


H() Range:-90 - 90DEG
H() Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

AAI Figure

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



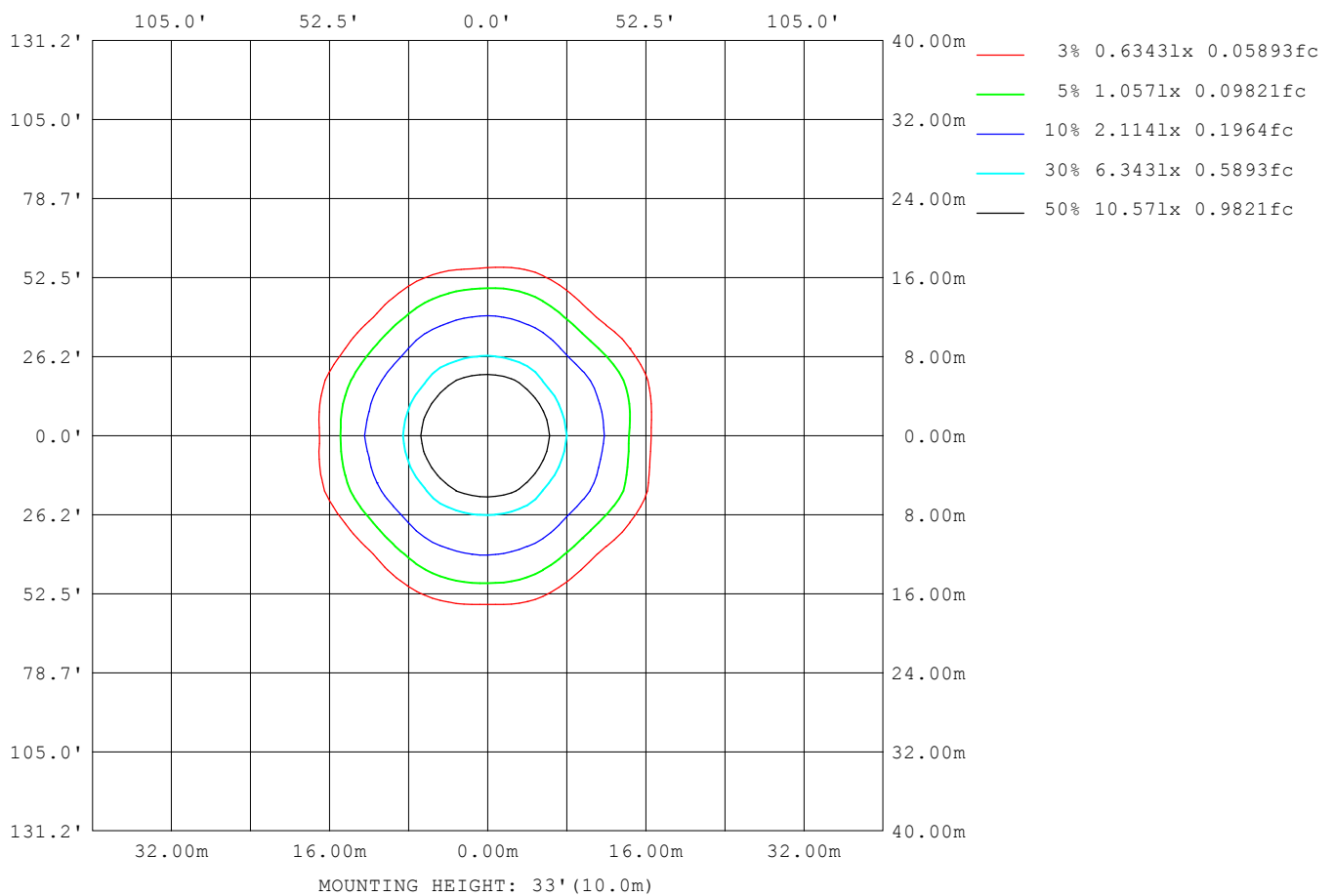
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(□) Range:-90 - 90DEG
 H(□) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-19

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=1.0867]
 Remarks:

ISOLUX DIAGRAM

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	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:2021-08-19

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=1.0867]
Remarks:

LED Avg.L Report

Test:U:218.52V I:0.1749A P:32.815W PF:0.9696 Freq:49.99Hz Lamp Flux:4611.78x1 lm		
NAME: GLM-SPL6262-32W-D	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

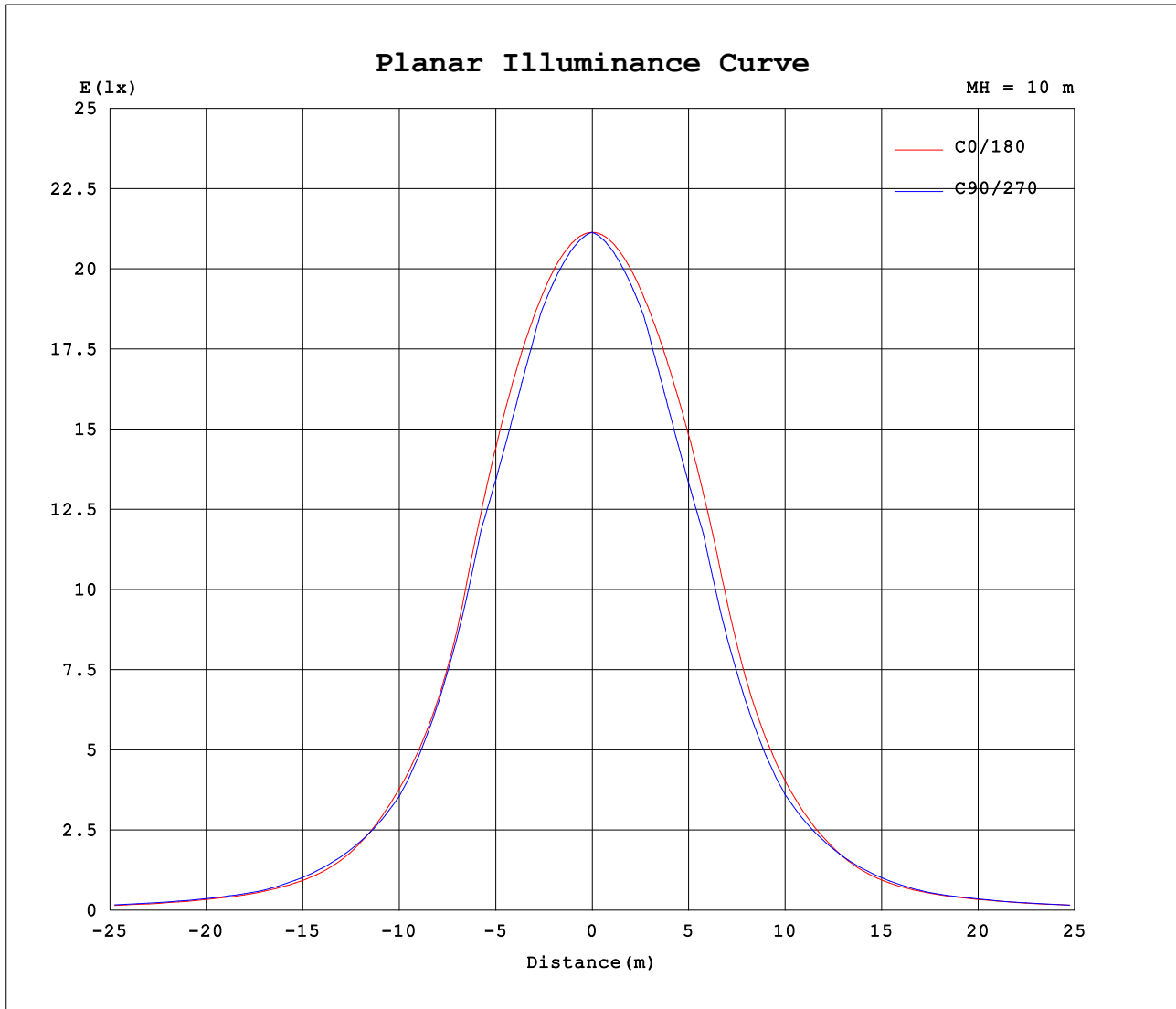
AvgL	cd/m2
L_0~180 (65) av	2321
L_0~180 (75) av	2417
L_0~180 (85) av	1366
L_90~270 (65) av	2472
L_90~270 (75) av	2194
L_90~270 (85) av	0
L_45 (65) av	2142
L_45 (75) av	1801
L_45 (85) av	0

Standard: GB/T 29293-2012

H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

Planar Illuminance Curve



H(□) Range:-90 - 90DEG
H(□) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

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=1.0867]
Remarks:

