

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

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ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	1264	1265	1263	1261	1255	1254	1256	1257	0- 10	121.2	121.2	3.29, 3.29
20	1203	1205	1201	1198	1187	1183	1187	1190	10- 20	347.7	469.0	12.7, 12.7
30	1102	1105	1097	1094	1077	1073	1078	1083	20- 30	528.3	997.3	27, 27
40	962.4	966.8	957.6	951.1	930.6	924.6	932.6	939.8	30- 40	639.0	1636	44.4, 44.4
50	789.0	794.1	783.7	775.4	751.8	745.4	754.4	763.3	40- 50	664.2	2301	62.4, 62.4
60	588.6	593.5	582.3	571.9	548.8	539.6	550.8	559.3	50- 60	599.3	2900	78.7, 78.7
70	373.5	378.2	365.8	355.5	332.7	321.8	332.2	341.3	60- 70	454.1	3354	91, 91
80	170.4	173.0	162.5	153.0	130.1	121.3	129.0	136.2	70- 80	259.3	3613	98, 98
90	20.57	22.65	19.47	16.28	1.783	1.858	1.806	1.841	80- 90	73.79	3687	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): 1971 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 2899.9 lm

%lum = 78.7%

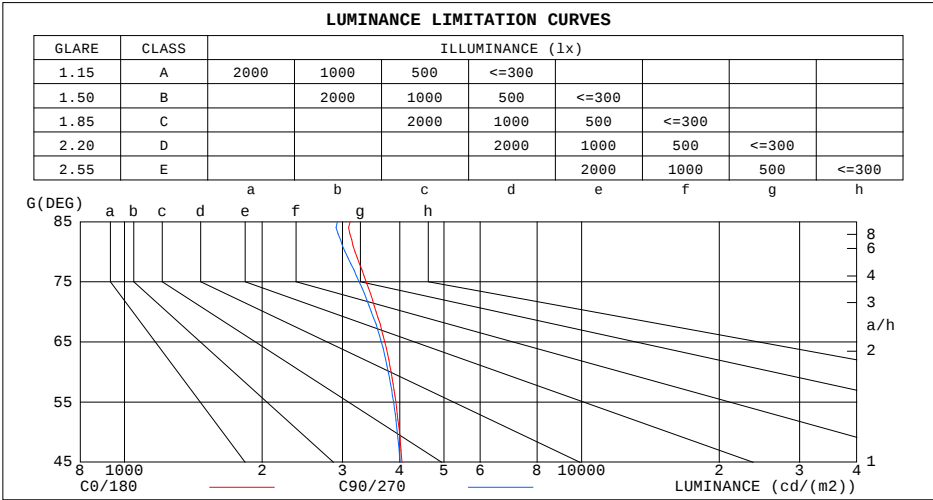
%lamp = 78.7%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 1
 Test Date: 2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 6.790m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	G(270)	LUMINANCE (cd/(m2))
85	3117	2923
80	3192	3036
75	3377	3259
70	3553	3469
65	3711	3645
60	3830	3777
55	3924	3879
50	3994	3954
45	4048	4010

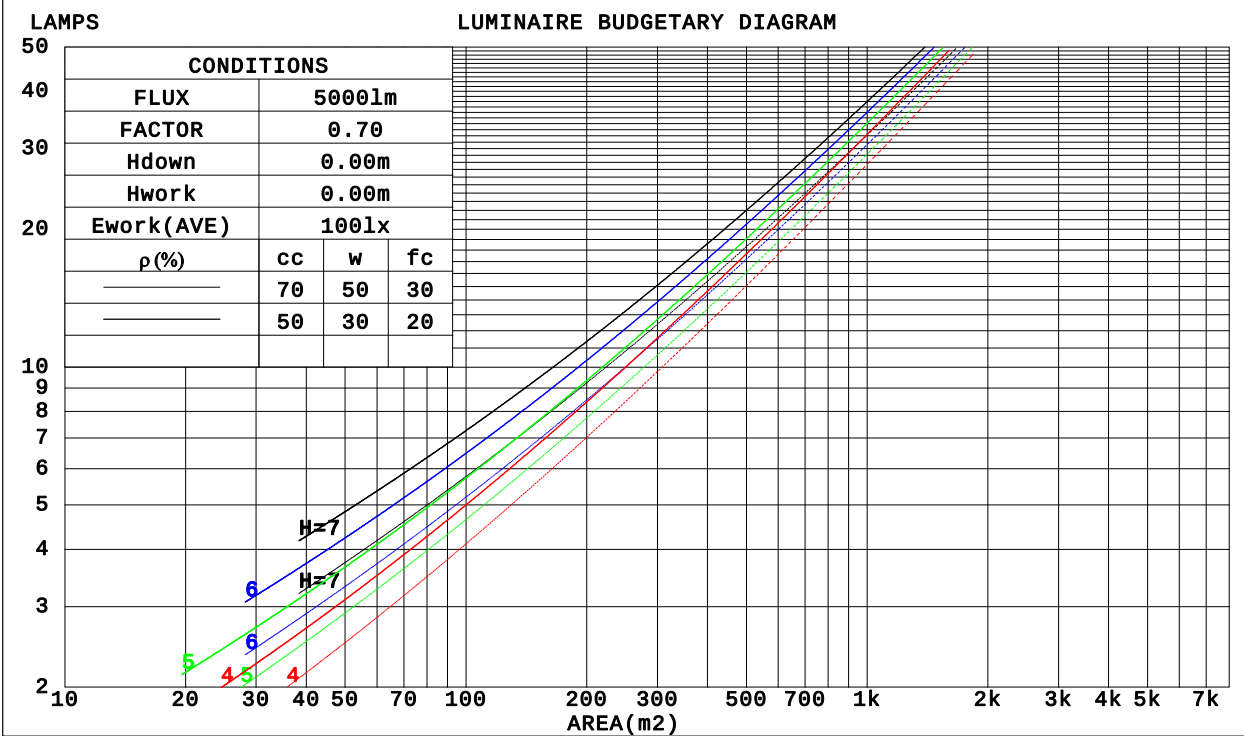
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.04	.99	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.54	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0			
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0			
ρ_{fc}	20%			20%			20%			20%			20%			0			
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)												
0.0																			
1.0	.311	.177	.056	.304	.174	.055	.291	.167	.053	.279	.161	.052	.268	.155	.050				
2.0	.293	.160	.049	.286	.158	.049	.275	.153	.047	.264	.148	.046	.254	.144	.045				
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040				
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036				
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.211	.111	.033	.204	.109	.033				
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030				
7.0	.199	.098	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.178	.092	.027				
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025				
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023				
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021				

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:LPB6060-WHTC40-5700K					DIM.: 0.5950*0.595			SERIAL No.:			
MFR.: EVERFINE					SUR.:0.555*0.555			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	13.2	14.8	13.5	15.0	15.2	13.2	14.7	13.5	14.9	15.1	
	3H	14.8	16.2	15.1	16.5	16.7	14.7	16.1	15.0	16.4	
	4H	15.5	16.8	15.8	17.1	17.3	15.4	16.7	15.7	17.0	
	6H	16.0	17.2	16.3	17.5	17.8	15.8	17.1	16.2	17.4	
	8H	16.1	17.4	16.5	17.6	17.9	16.0	17.2	16.3	17.5	
	12H	16.3	17.4	16.6	17.7	18.0	16.1	17.3	16.5	17.6	
4H	2H	13.9	15.2	14.2	15.5	15.7	13.8	15.2	14.1	15.4	
	3H	15.6	16.8	16.0	17.1	17.4	15.6	16.7	15.9	17.0	
	4H	16.4	17.5	16.8	17.8	18.1	16.3	17.4	16.7	17.7	
	6H	17.0	18.0	17.4	18.4	18.7	16.9	17.9	17.3	18.2	
	8H	17.3	18.2	17.7	18.5	18.9	17.2	18.1	17.6	18.4	
	12H	17.5	18.3	17.9	18.7	19.1	17.3	18.1	17.8	18.5	
8H	4H	16.7	17.6	17.1	18.0	18.3	16.6	17.5	17.0	17.9	
	6H	17.5	18.3	18.0	18.7	19.1	17.4	18.1	17.9	18.6	
	8H	17.9	18.5	18.3	18.9	19.4	17.7	18.4	18.2	18.8	
	12H	18.1	18.7	18.6	19.2	19.6	18.0	18.6	18.5	19.0	
12H	4H	16.7	17.5	17.2	17.9	18.3	16.7	17.5	17.1	17.9	
	6H	17.6	18.2	18.0	18.7	19.1	17.5	18.1	17.9	18.6	
	8H	18.0	18.5	18.5	19.0	19.5	17.9	18.4	18.3	18.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 3687 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.5)
Area: 0.308025 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:

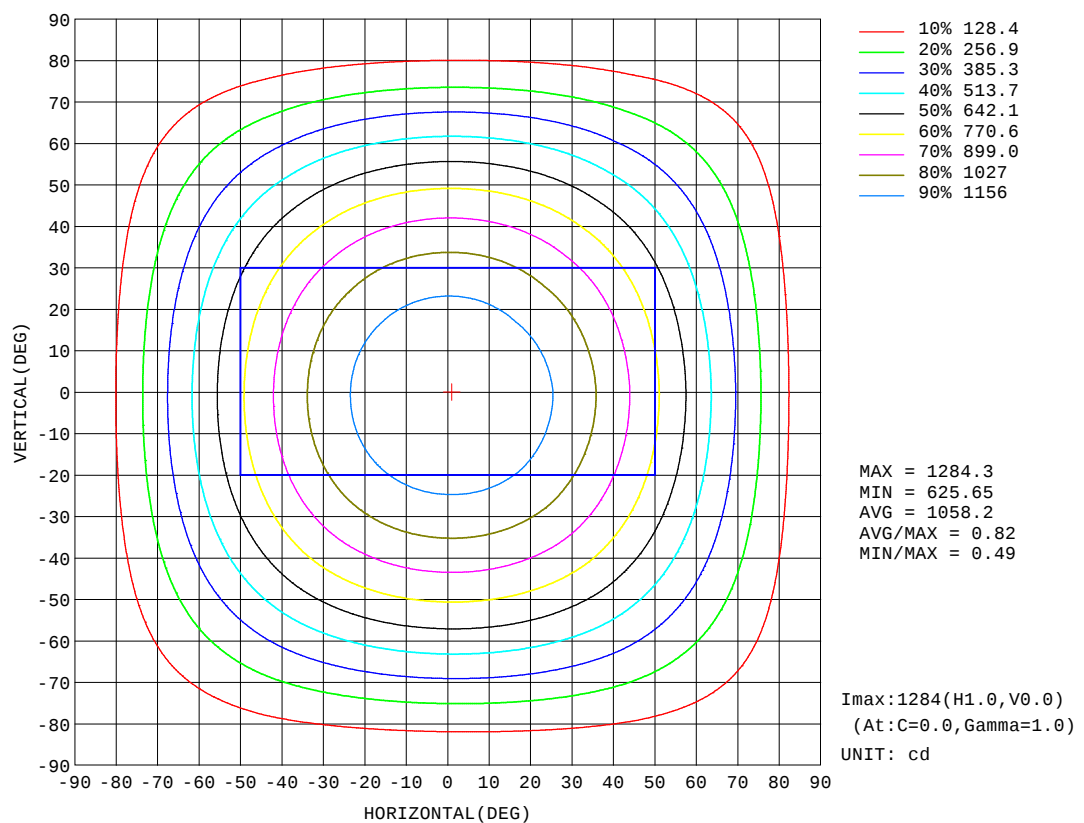
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 Test Date:2025-05-27

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 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:6.790m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:



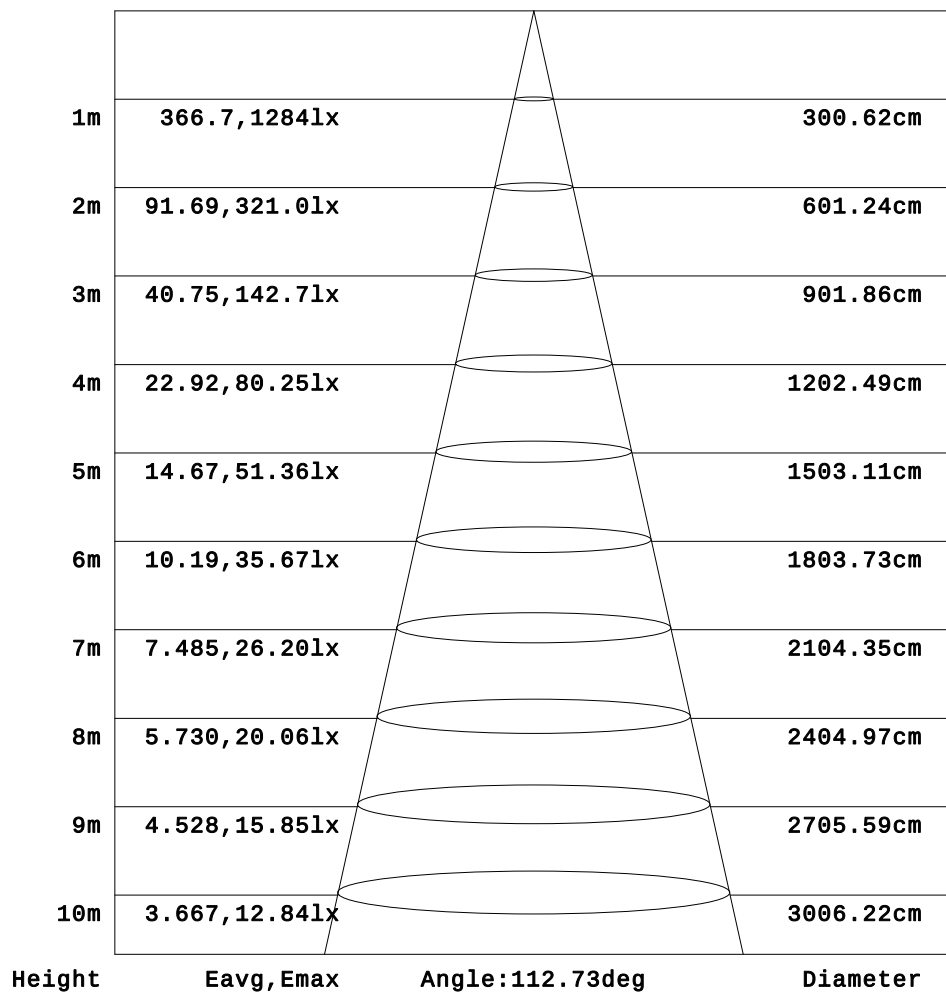
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:

Flux out:2732 lm



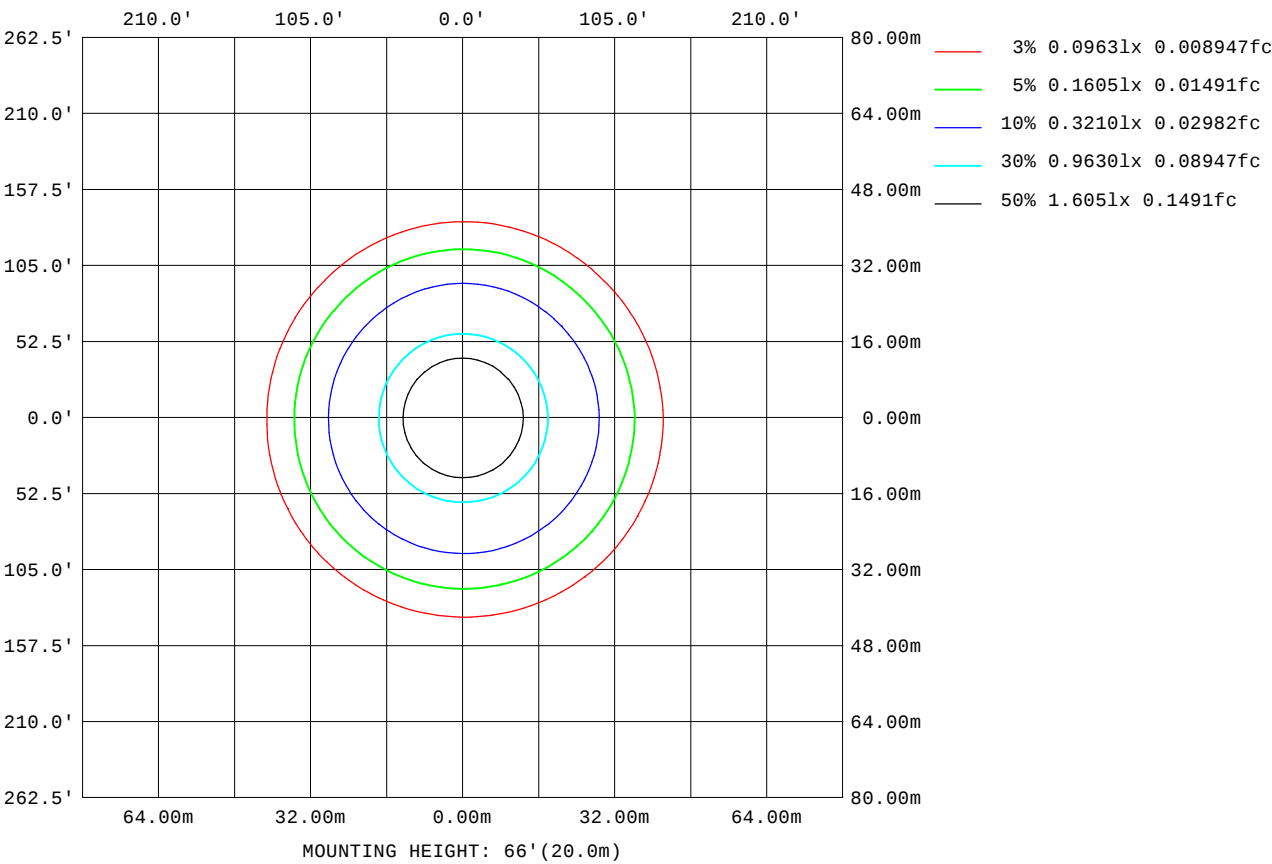
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:1
 Test Date:2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:6.790m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.39V I:0.1741A P:37.325W PF:0.9770 Freq:49.99Hz Lamp Flux:3687.02x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:LPB6060-WHTC40-5700K	DIM.: 0.5950*0.595	SERIAL No.:
MFR.: EVERFINE	SUR.:0.555*0.555	Shielding Angle:

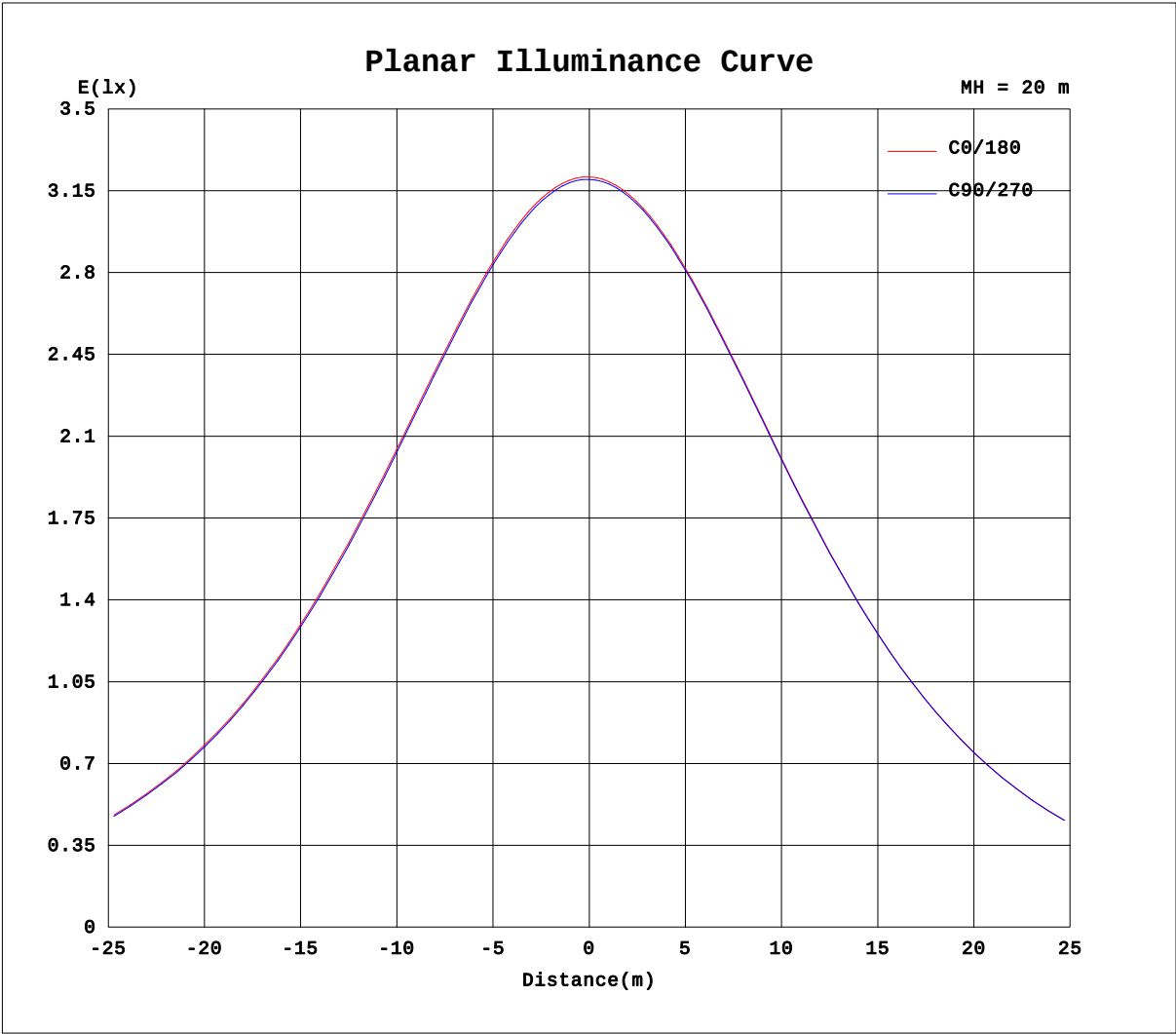
AvgL	cd/m2
L_0~180(65)av	3545
L_0~180(75)av	3113
L_0~180(85)av	2389
L_90~270(65)av	3521
L_90~270(75)av	3050
L_90~270(85)av	2312
L_45(65)av	3519
L_45(75)av	3051
L_45(85)av	2326

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:6.790m [K=1.0000]
Remarks:

Planar Illuminance Curve



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Temperature:25.3DEG
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Test Date:2025-05-27

γ Range: 0 - 90DEG
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Range: 0 - 90DEG
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:6.790m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	1281	1281	1281	1281	1281	1281	1281	1281
3.0	1280	1281	1280	1280	1278	1277	1278	1278
6.0	1276	1276	1275	1274	1271	1270	1271	1272
9.0	1267	1268	1266	1265	1260	1258	1260	1262
12.0	1255	1256	1254	1252	1245	1243	1245	1247
15.0	1239	1240	1237	1235	1227	1224	1227	1229
18.0	1219	1221	1216	1214	1204	1201	1204	1207
21.0	1195	1197	1192	1189	1178	1174	1178	1181
24.0	1167	1170	1164	1161	1148	1144	1148	1152
27.0	1137	1139	1133	1129	1114	1110	1115	1119
30.0	1102	1105	1097	1094	1077	1073	1078	1083
33.0	1064	1067	1059	1055	1037	1032	1038	1044
36.0	1023	1026	1018	1012	993.6	988.6	994.8	1001
39.0	977.4	982.2	972.6	967.1	946.8	941.1	948.5	955.9
42.0	930.0	935.0	924.9	918.6	897.5	891.5	899.7	907.3
45.0	879.6	884.6	874.3	867.2	844.9	838.6	847.3	855.6
48.0	825.9	831.2	820.7	813.0	790.0	783.5	792.4	800.8
51.0	770.1	775.2	764.5	756.0	733.0	725.5	735.4	743.6
54.0	711.4	716.4	705.8	696.6	673.1	665.8	675.6	684.8
57.0	651.1	656.3	645.1	635.6	611.8	603.6	614.2	622.6
60.0	588.6	593.5	582.3	571.9	548.8	539.6	550.8	559.3
63.0	525.2	529.7	518.4	507.5	483.8	475.0	485.2	494.6
66.0	460.3	465.4	453.3	442.8	419.2	409.4	419.7	428.9
69.0	395.3	399.7	387.8	377.0	354.4	343.8	354.2	363.1
72.0	331.3	334.9	323.3	312.3	289.7	279.7	288.6	298.3
75.0	268.6	271.8	260.1	249.9	227.8	216.9	226.2	234.4
78.0	208.8	211.4	200.5	190.4	168.1	158.2	166.5	174.1
81.0	152.1	154.6	144.6	135.2	110.4	103.4	109.8	117.9
84.0	99.32	101.4	93.57	84.68	59.58	54.82	60.64	67.89
87.0	54.53	57.58	50.63	44.57	19.19	16.07	19.74	26.73
90.0	20.57	22.65	19.47	16.28	1.783	1.858	1.806	1.841

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 1
 Test Date: 2025-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 6.790m [K=1.0000]
 Remarks: