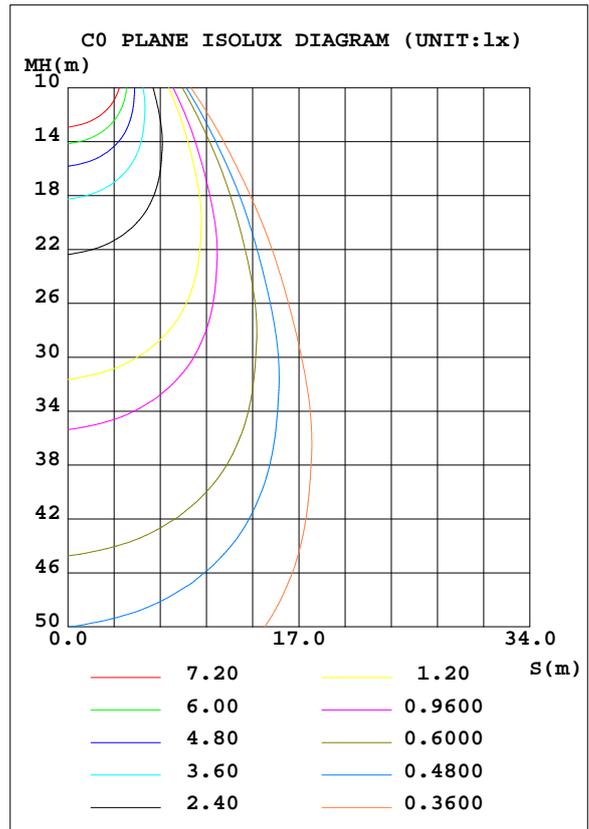
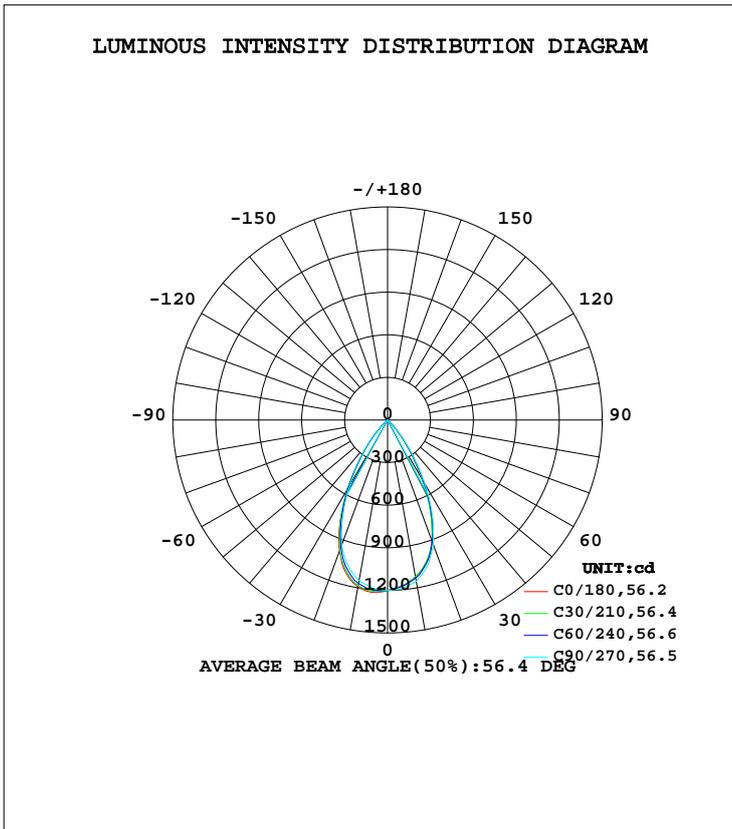


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.14 lm/W			
MODEL	4 INCH	Imax(cd)	1218	S/MH(C0/180)	0.87
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	994.30	η UP, DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	994.298	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.90



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1122	1123	1153	1177	1193	1176	1149	1122	0- 10	112.3	112.3	11.3,11.3
20	905.6	908.5	934.2	959.6	981.8	963.8	937.2	905.5	10- 20	297.5	409.8	41.2,41.2
30	487.4	500.0	524.7	545.1	559.7	550.0	524.2	495.5	20- 30	335.2	745.1	74.9,74.9
40	136.3	136.3	146.4	160.9	165.4	165.5	148.6	136.7	30- 40	196.4	941.4	94.7,94.7
50	4.972	5.776	6.455	6.650	6.789	6.827	6.132	5.590	40- 50	45.39	986.8	99.2,99.2
60	1.880	2.452	3.409	3.078	2.302	2.282	2.277	2.040	50- 60	3.241	990.1	99.6,99.6
70	1.154	1.842	2.609	2.458	1.395	1.330	1.380	1.288	60- 70	2.007	992.1	99.8,99.8
80	0.6941	1.396	1.932	1.782	0.6539	0.7295	0.8696	0.8699	70- 80	1.478	993.6	99.9,99.9
90	0.0782	0	0	0	0.0966	0	0	0	80- 90	0.7403	994.3	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): 976.69 lm

%lum = 98.2%
 %lamp = 98.2%

Conical surface Flux(120deg): 990.07 lm

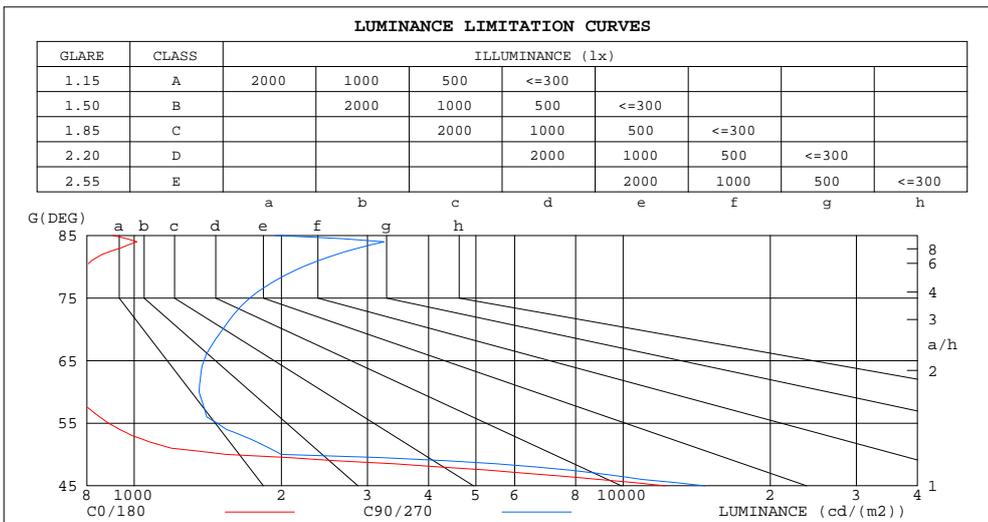
%lum = 99.6%
 %lamp = 99.6%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-01

V(B) Range:-85 - 85DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
 Humidity:65.0%
 Test Distance:8.240m [K=1.0000]
 Remarks: 4 INCH

LUMINANCE LIMITATION CURVES

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	905	1946
80	796	2215
75	704	1725
70	672	1518
65	684	1389
60	749	1357
55	885	1478
50	1540	1999
45	12193	14702

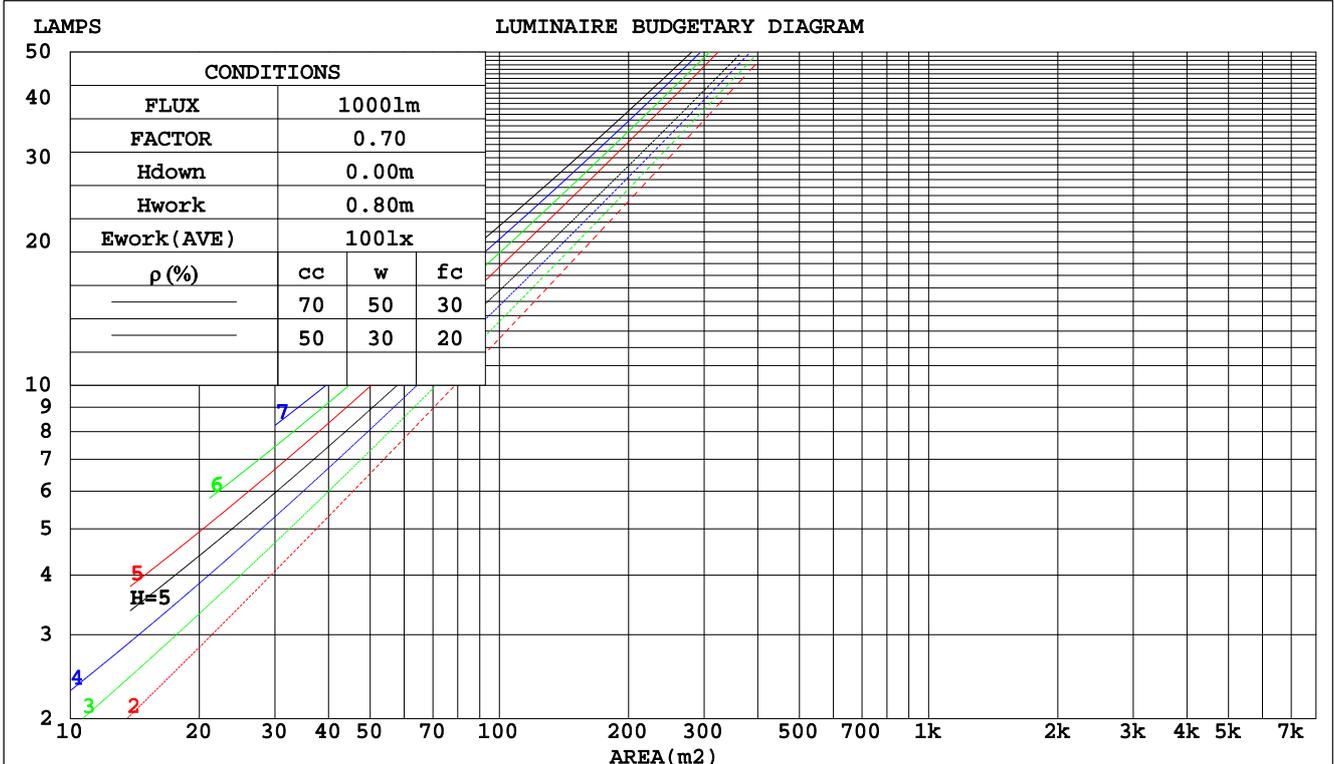
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	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	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.85	.81	.90	.85	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
5.0	.85	.80	.75	.84	.79	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.72
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.71	.69	.67
7.0	.76	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.56
10.0	.64	.58	.55	.64	.58	.55	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

WEC AND CCEC

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.174	.099	.031	.167	.095	.030	.155	.089	.028	.143	.083	.027	.133	.077	.025	
2.0	.166	.091	.028	.160	.088	.027	.150	.083	.026	.140	.079	.025	.131	.074	.023	
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.075	.023	.128	.071	.022	
4.0	.151	.078	.023	.146	.077	.023	.139	.074	.022	.132	.071	.021	.125	.068	.021	
5.0	.144	.073	.021	.140	.072	.021	.133	.069	.020	.127	.067	.020	.121	.065	.019	
6.0	.137	.069	.020	.134	.068	.020	.128	.066	.019	.123	.064	.019	.117	.062	.018	
7.0	.131	.065	.018	.129	.064	.018	.123	.062	.018	.118	.061	.018	.114	.059	.017	
8.0	.126	.062	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.016	
9.0	.121	.058	.016	.119	.058	.016	.114	.057	.016	.110	.055	.016	.107	.054	.016	
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.107	.053	.015	.103	.052	.015	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.031	.086	.051	.027	.059	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.095	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

UGR(Unified Glare Rating) Table

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm										
NAME: 4 INCH					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:80			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	17.6	18.5	17.8	18.7	18.8	18.2	19.1	18.4	19.2	19.4
3H	17.4	18.3	17.7	18.5	18.7	18.0	18.9	18.3	19.1	19.3
4H	17.3	18.1	17.6	18.3	18.6	17.9	18.7	18.2	19.0	19.2
6H	17.2	18.0	17.5	18.2	18.5	17.9	18.6	18.2	18.9	19.1
8H	17.2	17.9	17.5	18.2	18.4	17.9	18.6	18.2	18.8	19.1
12H	17.2	17.8	17.5	18.1	18.4	17.8	18.5	18.2	18.8	19.1
4H 2H	17.3	18.1	17.6	18.3	18.6	17.9	18.7	18.2	18.9	19.1
3H	17.1	17.8	17.5	18.1	18.4	17.7	18.4	18.1	18.7	19.0
4H	17.1	17.7	17.4	18.0	18.3	17.7	18.3	18.0	18.6	18.9
6H	17.0	17.5	17.4	17.9	18.2	17.6	18.2	18.0	18.5	18.9
8H	16.9	17.5	17.3	17.8	18.2	17.6	18.1	18.0	18.5	18.9
12H	16.9	17.4	17.3	17.7	18.1	17.6	18.1	18.0	18.5	18.9
8H 4H	16.9	17.4	17.3	17.8	18.2	17.5	18.1	17.9	18.4	18.8
6H	16.9	17.3	17.3	17.7	18.1	17.5	17.9	17.9	18.3	18.7
8H	16.8	17.2	17.3	17.6	18.1	17.5	17.9	18.0	18.3	18.7
12H	16.8	17.1	17.3	17.6	18.0	17.5	17.9	18.0	18.3	18.8
12H 4H	16.9	17.3	17.3	17.7	18.1	17.5	18.0	17.9	18.3	18.7
6H	16.8	17.2	17.3	17.6	18.0	17.5	17.8	17.9	18.3	18.7
8H	16.8	17.1	17.3	17.5	18.0	17.5	17.8	17.9	18.2	18.7
Variations with the observer position at spacings:										
S = 1.0H	+ 3.4 / -11.3					+ 3.5 / - 9.2				
1.5H	+ 6.0 / -11.3					+ 6.0 / - 9.2				
2.0H	+ 7.3 / - 3.3					+ 6.6 / - 2.6				

CIE Pub.117, 994.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.0)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

UTILIZATION FACTORS TABLE

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

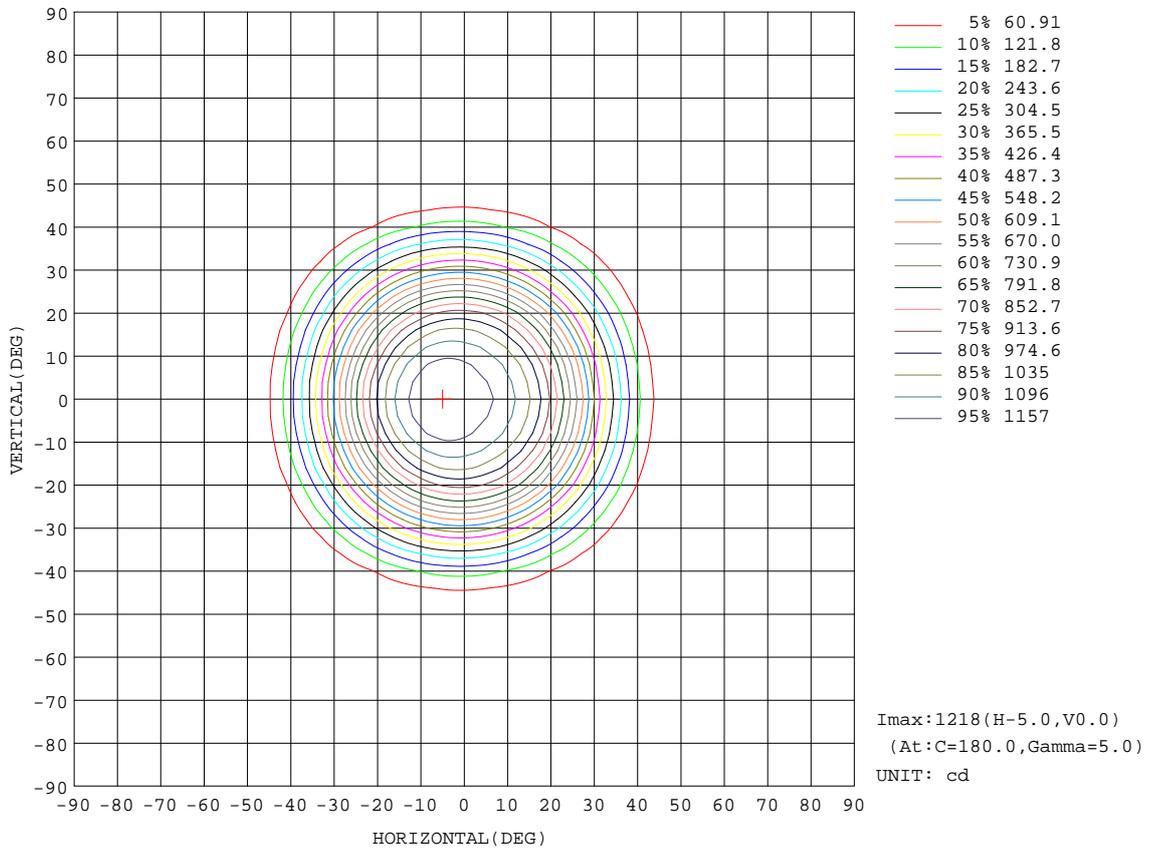
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

ISOCANDELA DIAGRAM

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

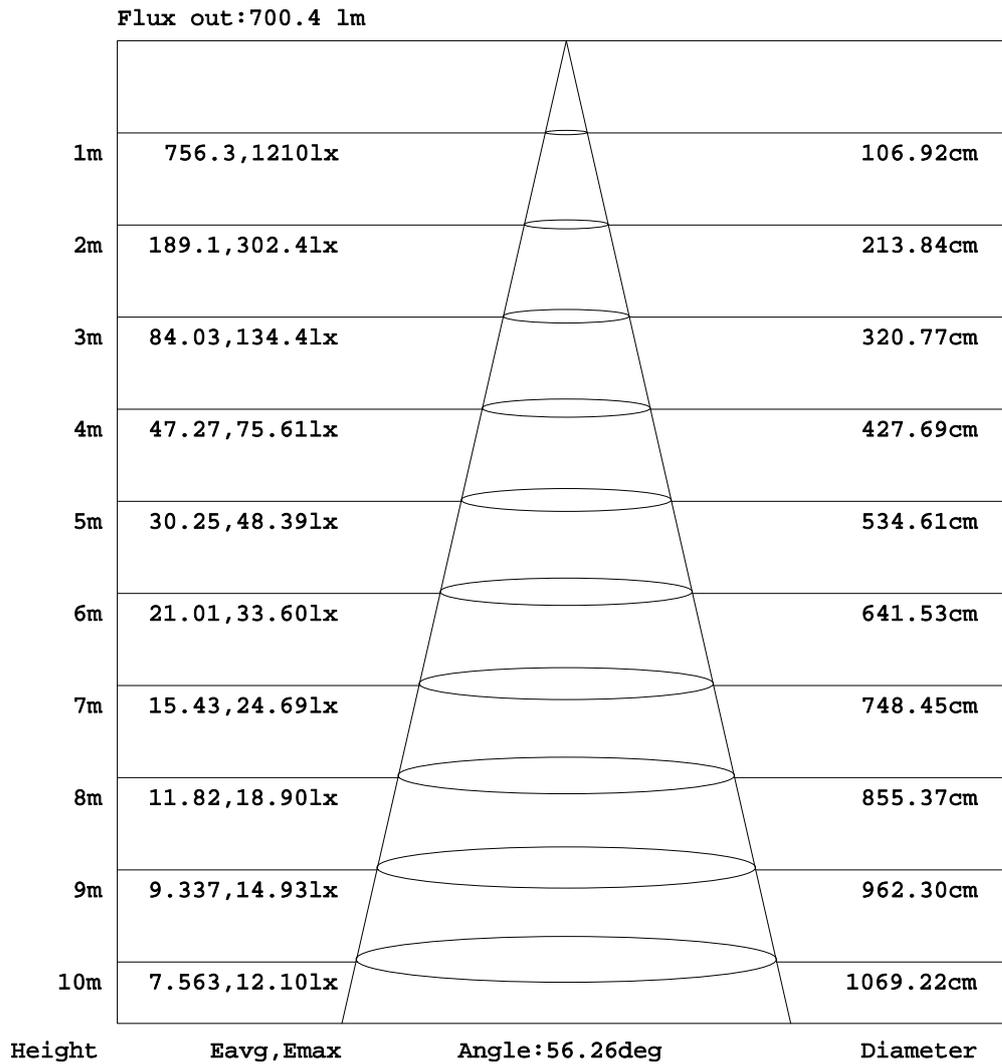


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

AAI Figure

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:



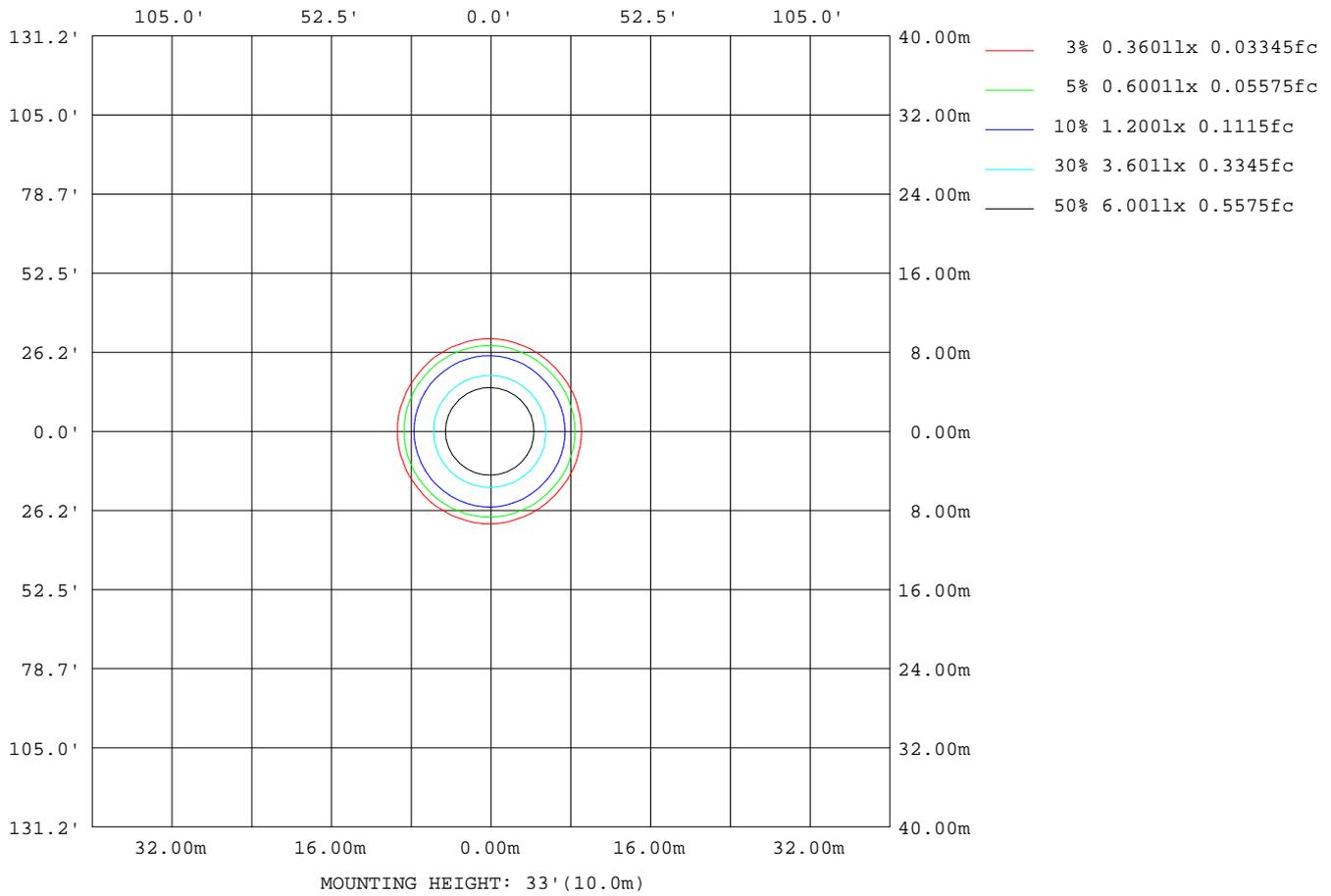
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

ISOLUX DIAGRAM

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

LED Avg.L Report

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

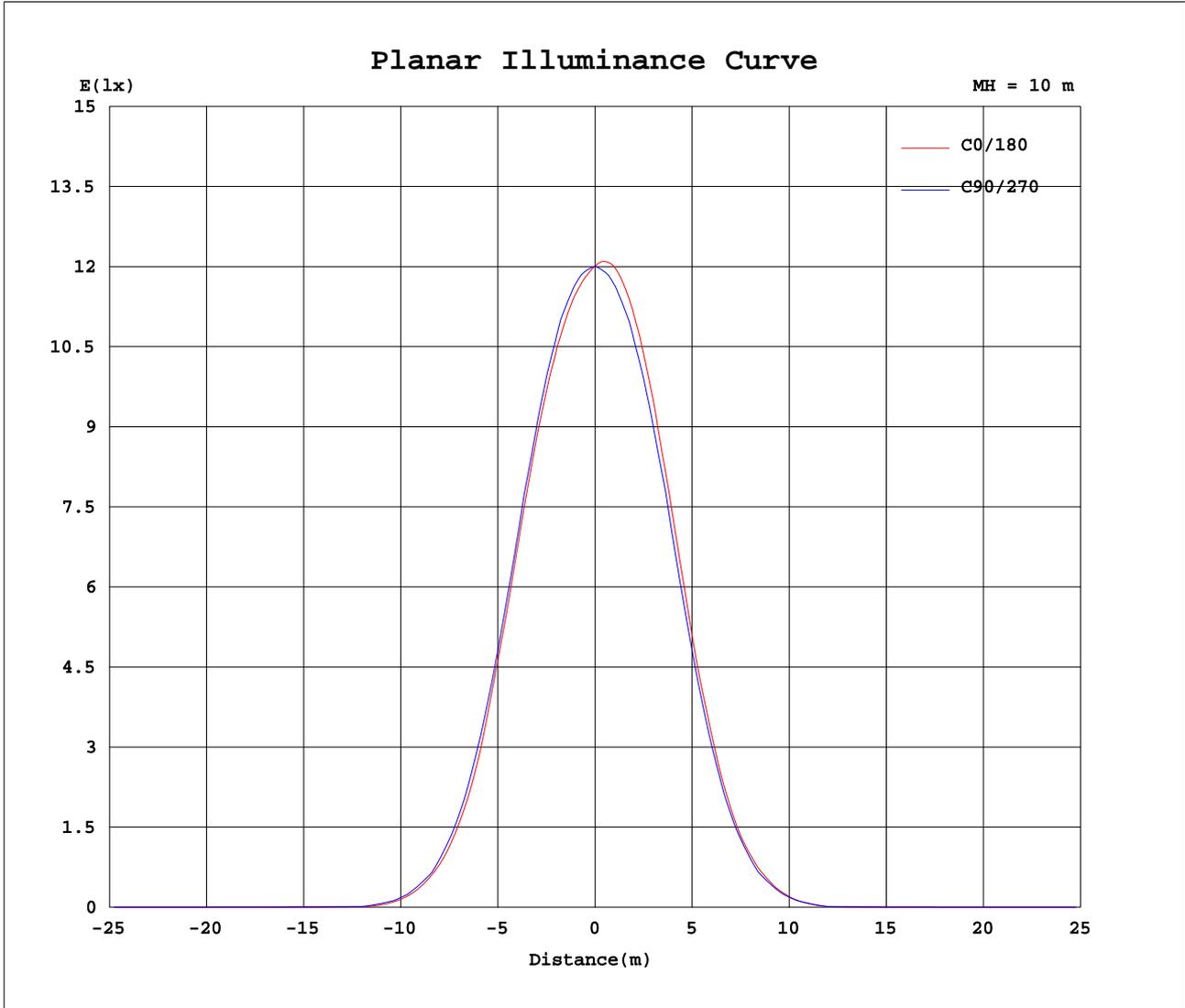
AvgL	cd/m2
L_0~180(65)av	764
L_0~180(75)av	736
L_0~180(85)av	853
L_90~270(65)av	1110
L_90~270(75)av	1283
L_90~270(85)av	1389
L_45(65)av	960
L_45(75)av	1109
L_45(85)av	2257

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201
5	1171	1170	1169	1169	1168	1169	1169	1170	1171	1172	1173	1175	1176	1177	1179	1181	1184	1186	1189
10	1122	1120	1119	1119	1119	1120	1120	1121	1122	1123	1125	1127	1129	1132	1136	1140	1144	1148	1153
15	1040	1037	1035	1037	1037	1037	1038	1040	1044	1043	1042	1044	1046	1049	1052	1055	1058	1062	1067
20	906	900	900	901	902	906	912	906	905	908	909	911	912	916	919	923	928	931	934
25	710	704	704	705	709	710	710	711	713	718	722	725	725	726	727	730	732	736	739
30	487	480	482	488	489	489	491	495	500	500	501	503	507	509	512	515	518	522	525
35	286	280	280	285	281	282	287	286	287	290	294	295	300	303	304	306	309	312	315
40	136	133	134	133	133	136	135	135	136	136	138	138	139	144	145	145	145	145	146
45	43.3	41.3	43.2	41.1	42.7	43.3	43.1	43.7	45.3	45.0	46.6	45.8	46.8	49.4	49.9	49.0	50.6	51.4	52.2
50	4.97	4.94	5.19	5.32	5.80	5.86	6.02	6.69	7.78	5.78	9.16	8.66	7.78	10.3	11.2	10.4	8.50	6.99	6.45
55	2.55	2.56	2.58	2.61	2.64	2.70	2.78	2.89	3.04	3.17	3.32	3.43	3.56	3.75	3.90	4.01	4.13	4.22	4.26
60	1.88	1.88	1.89	1.92	1.94	2.02	2.10	2.23	2.33	2.45	2.59	2.72	2.85	2.97	3.10	3.24	3.32	3.37	3.41
65	1.45	1.46	1.46	1.48	1.55	1.64	1.75	1.85	1.99	2.09	2.19	2.28	2.41	2.54	2.66	2.80	2.92	2.95	2.95
70	1.15	1.18	1.19	1.24	1.33	1.44	1.57	1.66	1.74	1.84	1.93	2.01	2.11	2.20	2.32	2.45	2.58	2.63	2.61
75	0.91	0.92	0.95	1.09	1.23	1.37	1.44	1.51	1.55	1.59	1.65	1.72	1.81	1.89	2.01	2.16	2.29	2.29	2.24
80	0.69	0.70	0.86	1.08	1.24	1.32	1.31	1.34	1.37	1.40	1.43	1.46	1.52	1.59	1.69	1.85	1.98	2.02	1.93
85	0.40	0.66	1.03	1.14	1.26	1.25	1.23	1.19	1.18	1.18	1.19	1.21	1.16	1.05	0.99	0.97	0.98	0.92	0.85
90	0.08	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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:0.0513A P:10.909W PF:0.9233 Freq:50.00Hz Lamp Flux:994.298x1 lm		
NAME: 4 INCH	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:80	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201	1201
5	1191	1194	1196	1198	1201	1203	1205	1206	1207	1208	1210	1211	1212	1213	1214	1216	1217	1218	1217
10	1157	1161	1164	1167	1169	1171	1173	1174	1177	1180	1183	1185	1188	1188	1189	1189	1190	1193	1190
15	1071	1075	1080	1085	1086	1088	1091	1094	1099	1105	1106	1107	1110	1113	1115	1114	1114	1117	1114
20	936	937	940	940	942	946	950	955	960	961	963	969	968	972	977	978	977	982	978
25	741	744	748	750	752	755	757	760	762	767	770	771	773	774	780	784	781	785	782
30	526	528	530	532	536	539	541	543	545	545	547	553	552	550	553	558	557	560	558
35	317	319	321	324	327	328	326	332	335	334	333	335	337	336	334	335	335	335	337
40	149	152	156	159	162	161	162	163	161	164	165	165	163	166	165	166	167	165	168
45	52.8	53.1	52.9	55.2	55.5	53.2	52.9	56.3	55.9	56.0	54.1	57.3	57.0	56.2	58.3	57.5	58.4	56.8	58.6
50	7.10	8.74	10.9	12.3	11.6	9.12	9.72	10.7	6.65	10.1	8.50	7.66	8.69	7.67	8.09	7.29	7.75	6.79	7.76
55	4.25	4.21	4.17	4.14	4.07	3.96	3.89	3.83	3.71	3.61	3.49	3.38	3.28	3.21	3.16	3.12	3.10	3.07	3.05
60	3.41	3.42	3.42	3.39	3.35	3.29	3.24	3.16	3.08	2.98	2.85	2.73	2.59	2.47	2.38	2.34	2.31	2.30	2.27
65	2.95	2.96	2.96	2.95	2.93	2.91	2.87	2.81	2.73	2.64	2.54	2.40	2.24	2.05	1.92	1.84	1.80	1.79	1.76
70	2.59	2.60	2.59	2.59	2.57	2.56	2.53	2.50	2.46	2.42	2.32	2.19	2.06	1.84	1.60	1.45	1.40	1.39	1.36
75	2.20	2.20	2.18	2.19	2.18	2.18	2.17	2.16	2.13	2.10	2.04	1.98	1.86	1.67	1.40	1.13	1.00	1.00	0.98
80	1.88	1.85	1.84	1.84	1.83	1.82	1.81	1.80	1.78	1.78	1.77	1.76	1.70	1.59	1.38	1.03	0.66	0.65	0.61
85	0.83	0.86	0.92	1.01	1.15	1.31	1.45	1.48	1.49	1.50	1.51	1.53	1.51	1.50	1.46	1.29	0.73	0.35	0.34
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	0.10	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-01

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:8.240m [K=1.0000]
Remarks: 4 INCH

