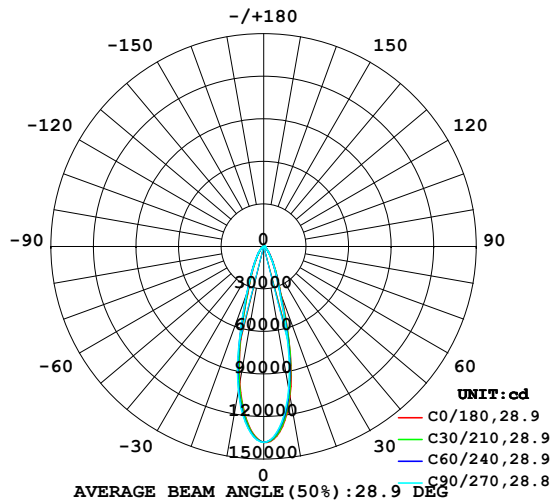


LUMINAIRE PHOTOMETRIC TEST REPORT

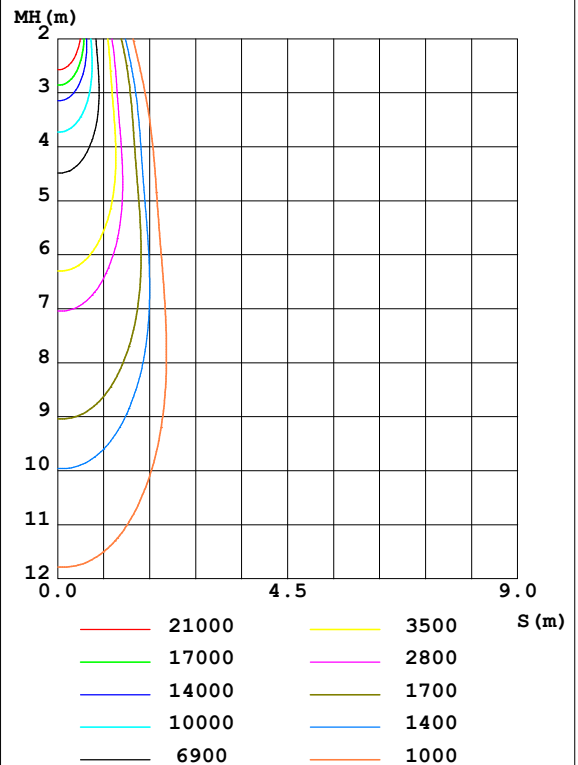
Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.36 lm/W			
MODEL	300W	I _{max} (cd)	138402	S/MH (C0/180)	0.46
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH (C90/270)	0.48
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	49295	η UP,DN(C0-180)	0.5,48.6
NOMINAL FLUX(lm)	49295.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,50.4
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240	η down (%)	99.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: C
Test Date: 15 January 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

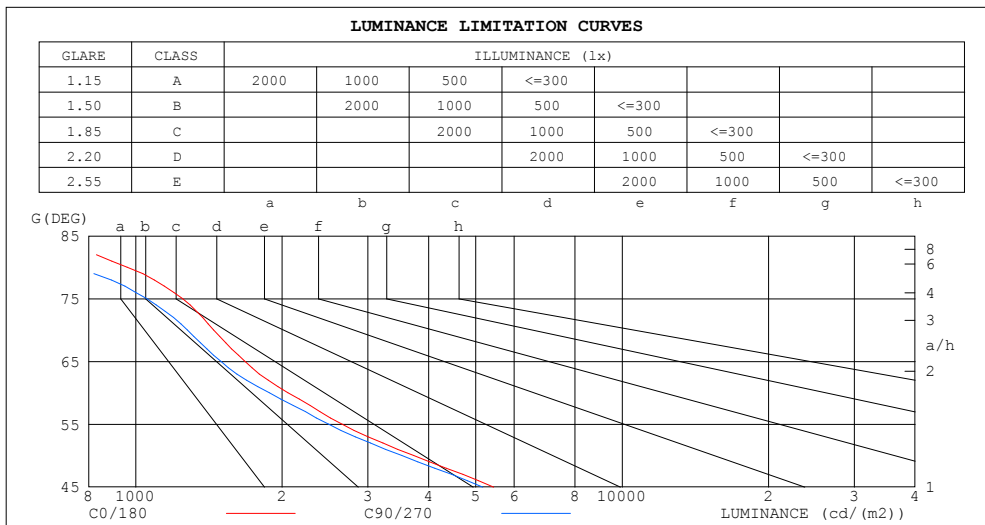
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1069	1048	1018	957.1	974.5	999.7	1031	1089	0- 10	11429	11429	23.2,23.2
20	354.7	340.6	324.8	298.4	313.5	329.3	344.1	375.5	10- 20	17514	28943	58.7,58.7
30	132.3	129.7	124.0	112.6	115.9	120.4	125.8	135.5	20- 30	9470	38413	77.9,77.9
40	57.61	56.55	54.18	49.87	50.50	52.09	54.77	58.38	30- 40	5116	43529	88.3,88.3
50	23.82	23.27	22.67	21.81	22.77	22.78	23.61	24.89	40- 50	2849	46377	94.1,94.1
60	10.22	10.06	9.425	9.108	9.598	9.505	9.629	10.40	50- 60	1362	47740	96.8,96.8
70	4.918	4.611	4.375	4.304	4.760	4.512	4.496	4.945	60- 70	676.4	48416	98.2,98.2
80	1.658	1.500	1.297	1.291	1.606	1.465	1.393	1.693	70- 80	315.9	48732	98.9,98.9
90	0.0418	0.0400	0.0323	0.0363	0.0453	0.0438	0.0390	0.0413	80- 90	56.28	48788	99,99
100	0.0670	0.0656	0.0645	0.0702	0.0854	0.0808	0.0758	0.0710	90-100	5.721	48794	99,99
110	0.1313	0.1307	0.1343	0.1444	0.1798	0.1731	0.1653	0.1514	100-110	11.29	48805	99,99
120	0.2450	0.2469	0.2595	0.2774	0.3432	0.3339	0.3233	0.2974	110-120	21.19	48826	99,99
130	0.4781	0.4884	0.5161	0.5604	0.6146	0.5952	0.5763	0.5283	120-130	35.85	48862	99.1,99.1
140	1.078	1.112	1.165	1.284	1.262	1.223	1.160	1.060	130-140	62.07	48924	99.2,99.2
150	2.217	2.263	2.275	2.484	2.485	2.428	2.265	2.179	140-150	106.4	49031	99.5,99.5
160	3.299	3.302	3.171	3.388	3.611	3.524	3.268	3.372	150-160	132.6	49163	99.7,99.7
170	3.533	3.464	3.324	3.385	3.735	3.568	3.497	3.611	160-170	99.23	49263	99.9,99.9
180	3.527	3.347	3.336	3.351	3.527	3.344	3.338	3.347	170-180	32.79	49295	100,100
DEG	LUMINOUS INTENSITY: *100cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: C
Test Date: 15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	594	242
80	960	746
75	1248	1053
70	1446	1277
65	1677	1496
60	2056	1881
55	2654	2489
50	3726	3521
45	5441	5169

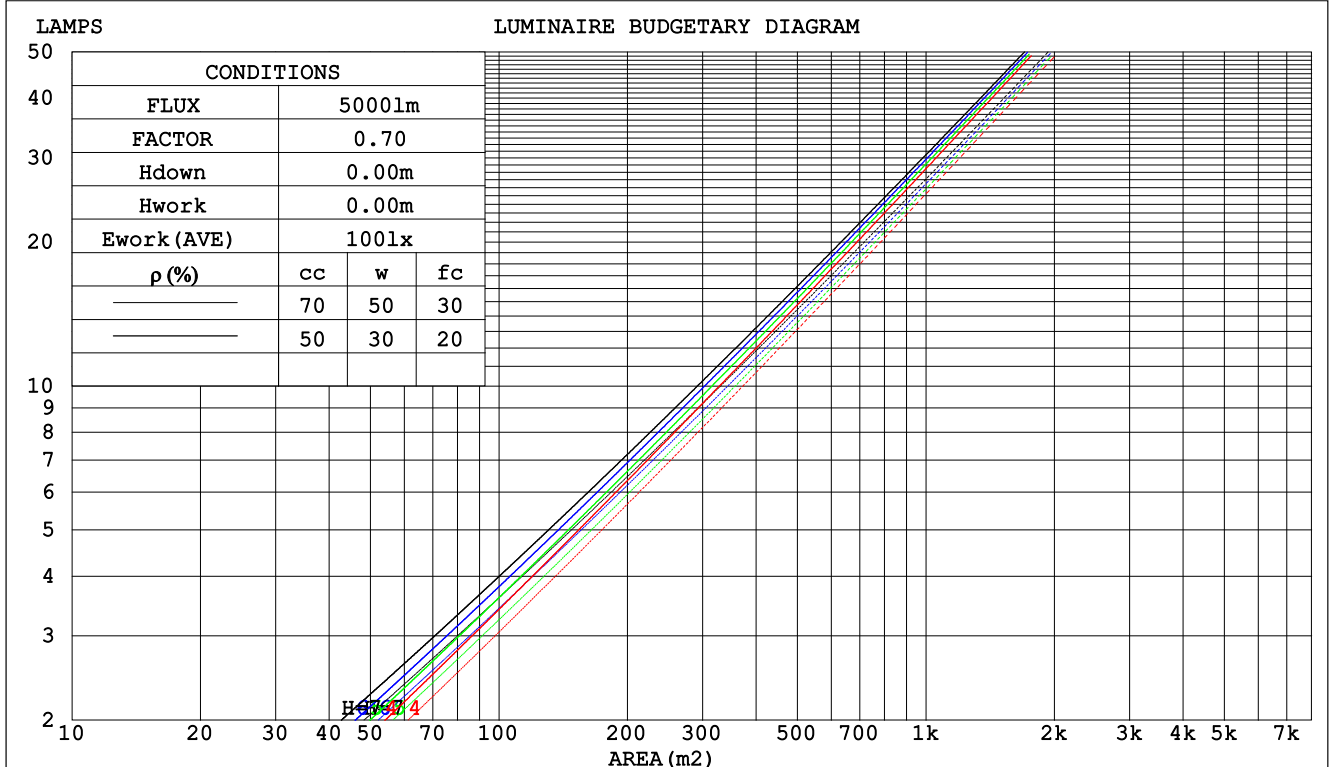
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
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	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.88	.82	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.72	.71
7.0	.79	.74	.70	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68
8.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.70	.66	.63	.62
10.0	.70	.65	.62	.69	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.60



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm					
NAME: 300W			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:1		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.169	.096	.030	.162	.093	.029	.149	.086	.027	.137	.079	.025	.126	.073	.024		
2.0	.160	.088	.027	.154	.085	.026	.143	.080	.025	.133	.075	.023	.123	.070	.022		
3.0	.151	.080	.024	.146	.078	.023	.136	.074	.022	.127	.070	.021	.119	.066	.020		
4.0	.142	.074	.022	.138	.072	.021	.129	.069	.020	.122	.065	.020	.115	.062	.019		
5.0	.134	.068	.020	.130	.067	.019	.123	.064	.019	.117	.061	.018	.110	.059	.018		
6.0	.127	.064	.018	.123	.062	.018	.117	.060	.017	.111	.058	.017	.106	.056	.017		
7.0	.120	.059	.017	.117	.058	.017	.112	.057	.016	.107	.055	.016	.102	.053	.016		
8.0	.114	.056	.016	.112	.055	.016	.107	.053	.015	.102	.052	.015	.098	.050	.015		
9.0	.109	.053	.015	.107	.052	.015	.102	.051	.014	.098	.049	.014	.094	.048	.014		
10.0	.104	.050	.014	.102	.049	.014	.098	.048	.014	.094	.047	.013	.091	.046	.013		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.178	.165	.153	.153	.142	.132	.104	.098	.091	.060	.056	.053	.019	.018	.017	
2.0	.163	.141	.122	.139	.121	.105	.095	.084	.074	.055	.049	.043	.018	.016	.014	
3.0	.149	.121	.099	.128	.105	.086	.088	.073	.060	.051	.043	.036	.016	.014	.012	
4.0	.138	.107	.082	.119	.092	.072	.082	.064	.050	.047	.038	.030	.015	.012	.010	
5.0	.129	.095	.070	.111	.082	.061	.076	.057	.043	.044	.034	.025	.014	.011	.008	
6.0	.121	.085	.060	.104	.074	.052	.072	.052	.037	.042	.030	.022	.013	.010	.007	
7.0	.114	.077	.052	.098	.067	.045	.068	.047	.032	.039	.028	.019	.013	.009	.006	
8.0	.108	.071	.046	.093	.062	.040	.064	.043	.028	.037	.026	.017	.012	.008	.006	
9.0	.102	.066	.041	.088	.057	.036	.061	.040	.025	.036	.024	.015	.012	.008	.005	
10.0	.097	.061	.037	.084	.053	.032	.058	.037	.023	.034	.022	.014	.011	.007	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:15 January 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm										
NAME: 300W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:1			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	-1.0	-0.2	-0.8	-0.0	0.2	-1.4	-0.5	-1.2	-0.4	-0.2
3H	-0.8	0.0	-0.5	0.2	0.4	-1.2	-0.4	-0.9	-0.2	0.0
4H	-0.7	0.1	-0.4	0.3	0.6	-1.1	-0.3	-0.8	-0.1	0.1
6H	-0.6	0.1	-0.3	0.3	0.6	-1.1	-0.4	-0.8	-0.1	0.1
8H	-0.6	0.1	-0.3	0.3	0.6	-1.1	-0.4	-0.8	-0.2	0.1
12H	-0.6	0.0	-0.3	0.3	0.6	-1.1	-0.5	-0.8	-0.2	0.1
4H 2H	-1.0	-0.3	-0.7	-0.0	0.2	-1.3	-0.6	-1.1	-0.4	-0.1
3H	-0.6	0.0	-0.3	0.3	0.6	-1.0	-0.4	-0.7	-0.1	0.2
4H	-0.5	0.1	-0.1	0.4	0.8	-0.9	-0.3	-0.5	0.0	0.4
6H	-0.4	0.2	0.0	0.5	0.9	-0.8	-0.3	-0.4	0.1	0.4
8H	-0.3	0.1	0.1	0.5	0.9	-0.8	-0.4	-0.4	0.0	0.4
12H	-0.4	0.1	0.1	0.5	0.9	-0.9	-0.4	-0.5	-0.0	0.4
8H 4H	-0.5	-0.0	-0.1	0.4	0.8	-0.9	-0.4	-0.5	-0.0	0.4
6H	-0.3	0.1	0.1	0.5	0.9	-0.8	-0.4	-0.3	0.0	0.5
8H	-0.3	0.0	0.2	0.5	0.9	-0.8	-0.4	-0.3	-0.0	0.4
12H	-0.3	-0.0	0.2	0.4	0.9	-0.8	-0.5	-0.4	-0.1	0.4
12H 4H	-0.5	-0.1	-0.1	0.3	0.7	-0.9	-0.5	-0.5	-0.1	0.3
6H	-0.4	-0.0	0.1	0.4	0.9	-0.8	-0.5	-0.4	-0.0	0.4
8H	-0.3	-0.0	0.2	0.4	0.9	-0.8	-0.5	-0.3	-0.1	0.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.8					+ 1.2 / - 1.9				
1.5H	+ 1.8 / - 1.6					+ 1.6 / - 1.6				
2.0H	+ 2.6 / - 1.6					+ 2.7 / - 1.8				

CIE Pub.117, 49295 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 13.5)
Area: 1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:15 January 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

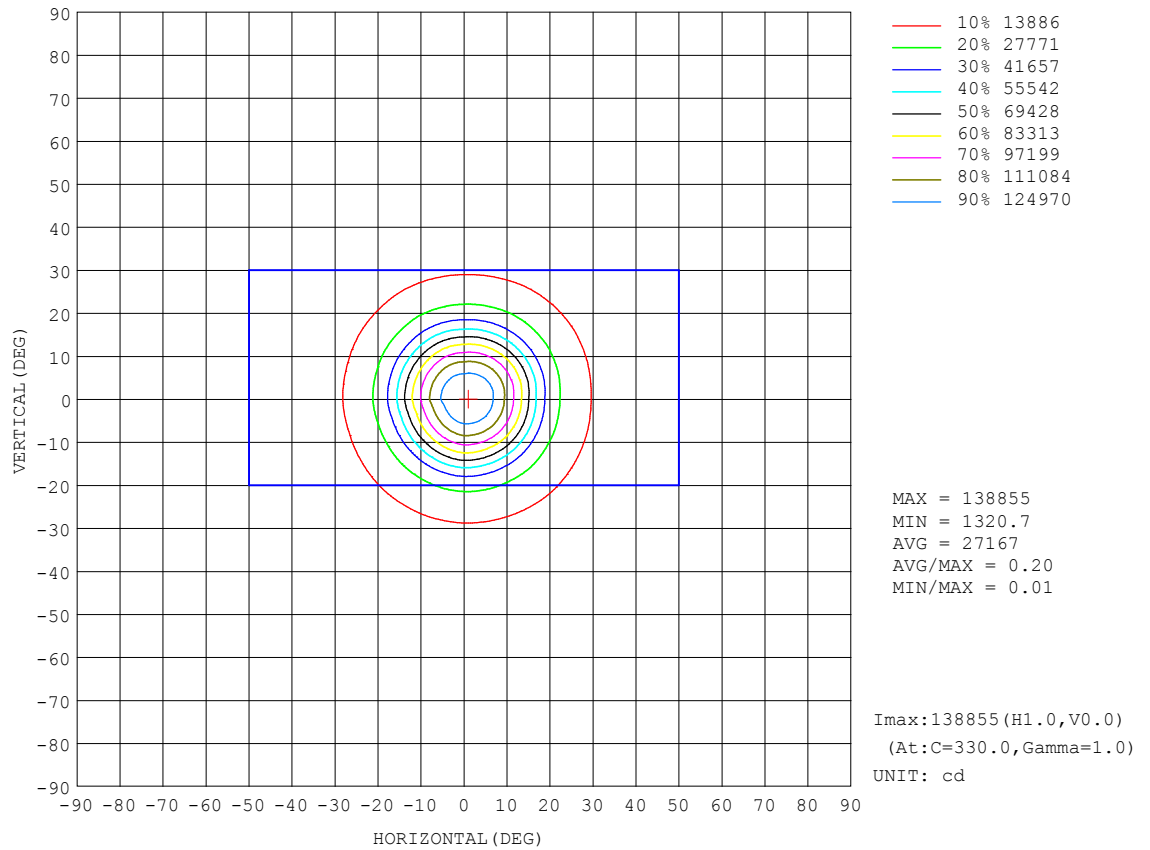
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	91	85	81	90	85	81	77
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	96	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	96	94	89
2.00	107	103	99	106	101	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

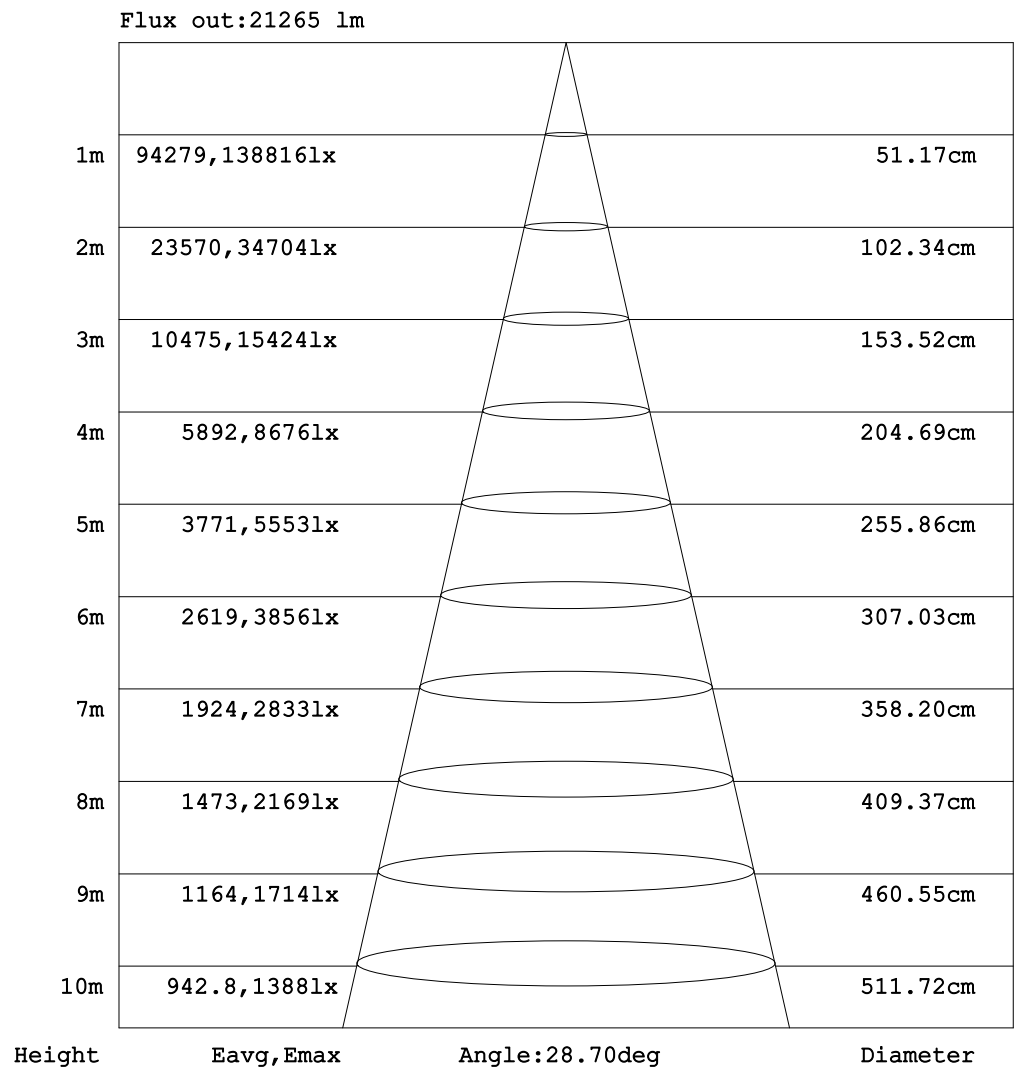


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:15 January 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:



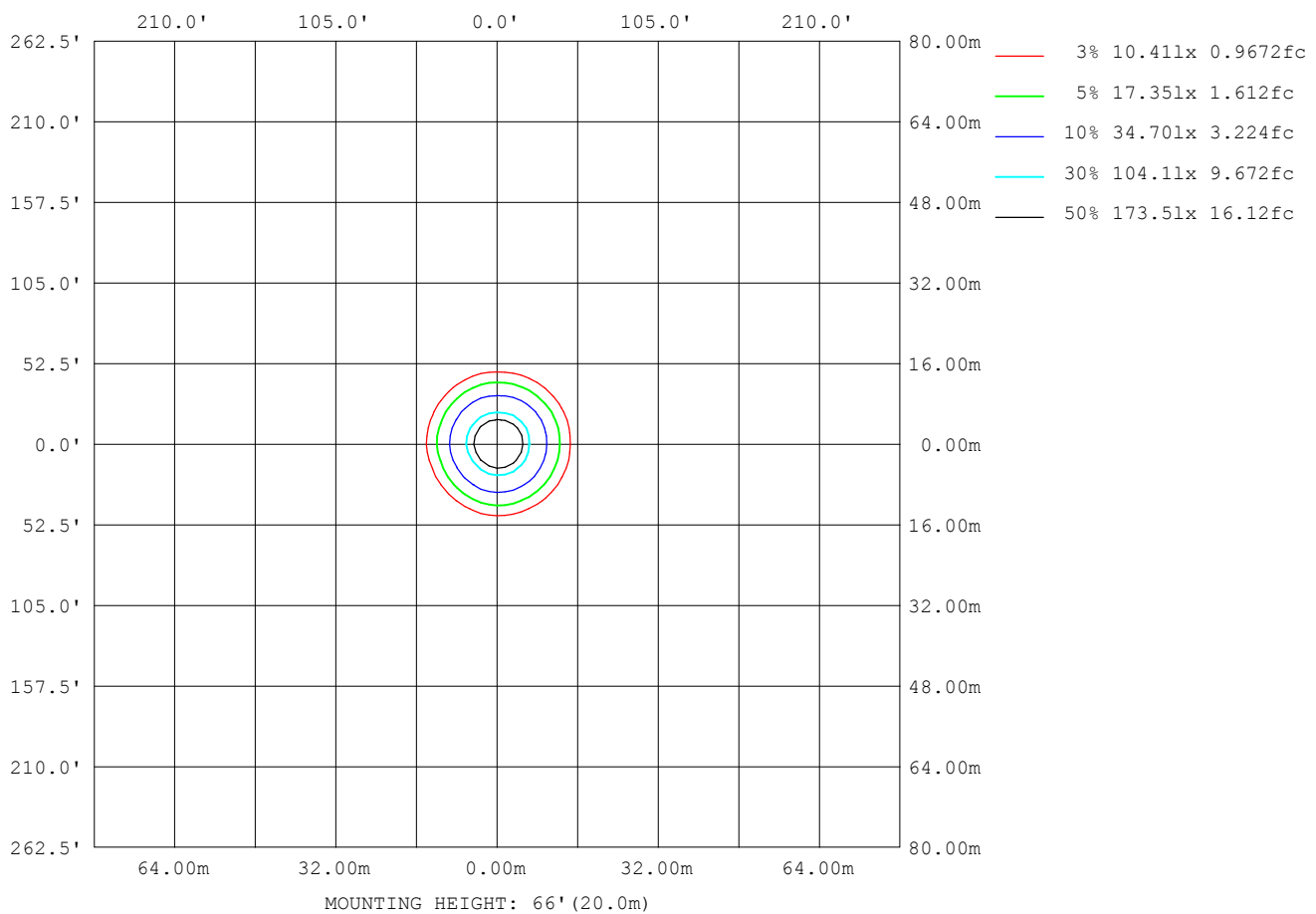
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:C
 Test Date:15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

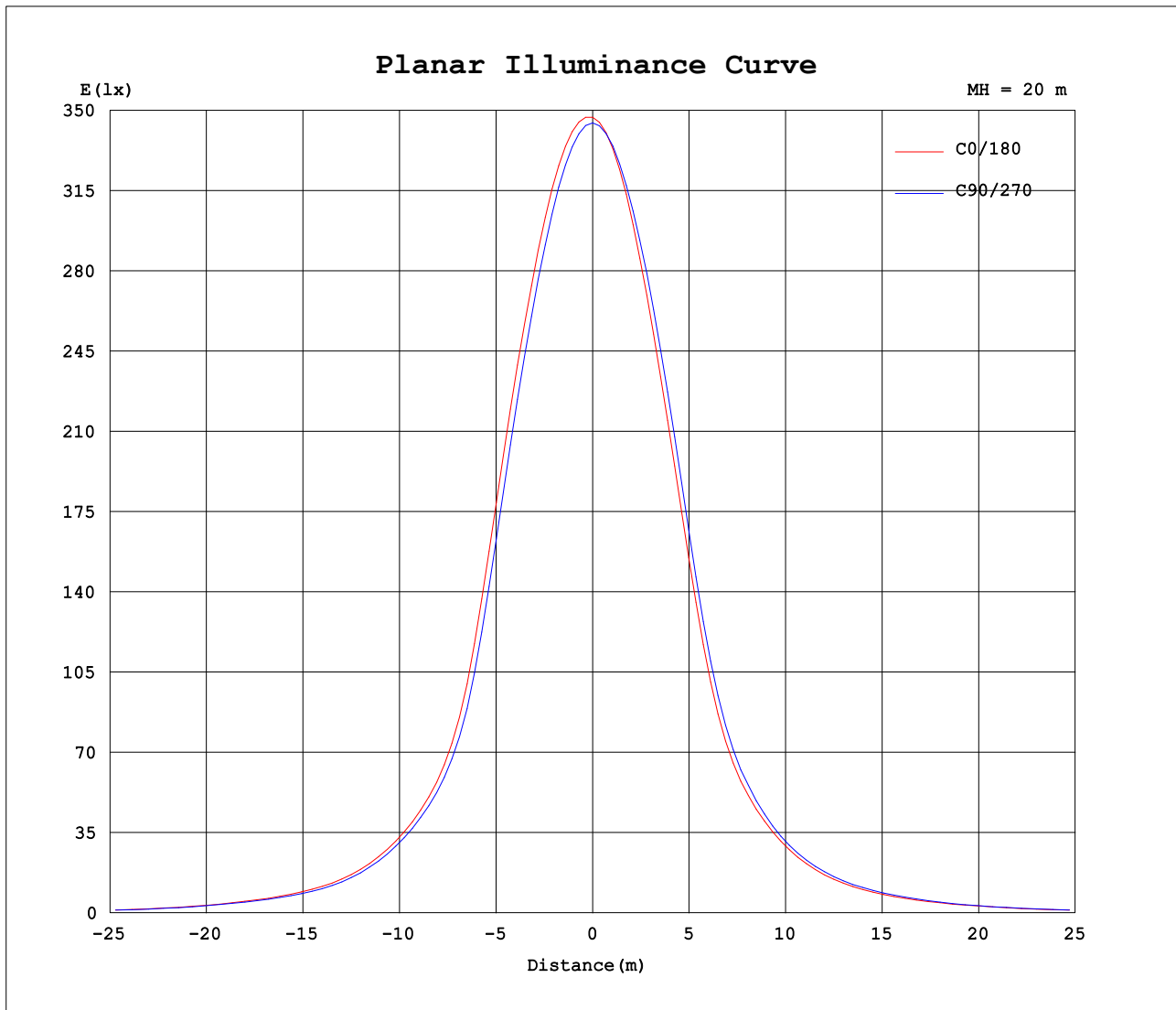
AvgL	cd/m2
L_0~180 (65) av	1635
L_0~180 (75) av	1227
L_0~180 (85) av	553
L_90~270 (65) av	1525
L_90~270 (75) av	1073
L_90~270 (85) av	288
L_45 (65) av	1594
L_45 (75) av	1142
L_45 (85) av	447

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:15 January 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 15 January 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm		
NAME: 300W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1	Shielding Angle:

Table--1

UNIT: ×100cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381	1381
5	1312	1309	1305	1299	1291	1285	1283	1271	1260	1250	1245	1246	1261	1263	1268	1273	1281	1285	1286
10	1069	1066	1058	1048	1033	1023	1018	996	975	957	949	950	974	980	988	1000	1016	1027	1031
15	697	693	683	670	651	638	633	609	586	571	564	568	598	604	613	624	640	649	651
20	355	352	347	341	332	327	325	314	305	298	296	298	314	317	324	329	338	342	344
25	213	213	209	208	203	201	199	194	188	184	181	182	190	190	193	195	200	203	204
30	132	133	131	130	127	125	124	120	115	113	111	111	116	116	118	120	123	125	126
35	84.5	84.4	83.0	82.2	80.2	79.1	78.0	75.8	73.5	72.2	71.1	71.5	74.5	74.8	76.4	77.3	79.6	80.3	81.2
40	57.6	57.8	57.1	56.5	55.3	54.8	54.2	52.7	51.0	49.9	48.9	49.0	50.5	50.5	51.5	52.1	53.6	54.1	54.8
45	38.3	38.4	37.9	37.7	36.8	36.8	36.6	35.9	34.7	34.3	33.5	33.5	34.5	34.2	34.6	34.8	35.7	36.0	36.5
50	23.8	23.8	23.3	23.3	22.7	22.8	22.7	22.4	21.9	21.8	21.5	21.7	22.8	22.5	22.8	22.8	23.4	23.4	23.6
55	15.1	15.2	14.9	14.9	14.5	14.4	14.3	14.1	13.8	13.8	13.7	13.9	14.6	14.4	14.6	14.5	14.9	14.8	14.9
60	10.2	10.3	10.1	10.1	9.78	9.53	9.42	9.27	9.08	9.11	9.07	9.14	9.60	9.54	9.59	9.50	9.63	9.55	9.63
65	7.05	7.06	7.01	6.98	6.59	6.38	6.34	6.25	6.19	6.25	6.36	6.48	6.77	6.71	6.71	6.56	6.58	6.51	6.56
70	4.92	4.91	4.77	4.61	4.50	4.44	4.37	4.28	4.22	4.30	4.40	4.54	4.76	4.72	4.68	4.51	4.55	4.46	4.50
75	3.21	3.20	3.07	2.96	2.79	2.79	2.73	2.66	2.61	2.73	2.80	2.90	3.14	3.10	3.02	2.92	2.93	2.78	2.83
80	1.66	1.68	1.61	1.50	1.37	1.32	1.30	1.25	1.21	1.29	1.37	1.43	1.61	1.57	1.56	1.46	1.48	1.37	1.39
85	0.51	0.51	0.45	0.40	0.30	0.25	0.21	0.19	0.20	0.26	0.30	0.36	0.45	0.43	0.43	0.37	0.33	0.27	0.29
90	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
95	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.05	0.05
100	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.09	0.08	0.08	0.08	0.08	0.08	0.08
105	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.12	0.12	0.12	0.11	0.11	0.11	0.11
110	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.18	0.18	0.17	0.17	0.17	0.17	0.17
115	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.21	0.20	0.25	0.25	0.25	0.25	0.24	0.24	0.24
120	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.34	0.34	0.34	0.33	0.33	0.33	0.32
125	0.34	0.34	0.34	0.34	0.35	0.35	0.36	0.37	0.38	0.39	0.40	0.40	0.46	0.46	0.45	0.44	0.43	0.44	0.43
130	0.48	0.48	0.49	0.49	0.50	0.51	0.52	0.53	0.55	0.56	0.57	0.57	0.61	0.61	0.60	0.60	0.58	0.58	0.58
135	0.71	0.71	0.72	0.73	0.75	0.76	0.77	0.80	0.83	0.85	0.87	0.86	0.86	0.86	0.84	0.84	0.81	0.81	0.80
140	1.08	1.08	1.10	1.11	1.14	1.15	1.17	1.21	1.26	1.28	1.31	1.30	1.26	1.26	1.23	1.22	1.19	1.18	1.16
145	1.60	1.60	1.63	1.64	1.68	1.68	1.70	1.74	1.82	1.86	1.90	1.88	1.82	1.82	1.78	1.77	1.72	1.71	1.67
150	2.22	2.22	2.26	2.26	2.29	2.28	2.28	2.33	2.43	2.48	2.53	2.52	2.48	2.48	2.45	2.43	2.36	2.32	2.27
155	2.83	2.84	2.86	2.86	2.86	2.82	2.80	2.85	2.95	3.04	3.09	3.10	3.14	3.13	3.10	3.07	2.98	2.89	2.84
160	3.30	3.31	3.32	3.30	3.27	3.20	3.17	3.21	3.28	3.39	3.45	3.47	3.61	3.59	3.57	3.52	3.41	3.32	3.27
165	3.52	3.53	3.52	3.49	3.44	3.36	3.34	3.35	3.39	3.47	3.53	3.57	3.79	3.74	3.72	3.67	3.58	3.52	3.49
170	3.53	3.54	3.50	3.46	3.40	3.34	3.32	3.33	3.34	3.38	3.42	3.47	3.73	3.64	3.61	3.57	3.52	3.50	3.50
175	3.49	3.47	3.39	3.36	3.31	3.26	3.27	3.29	3.29	3.30	3.32	3.34	3.59	3.46	3.41	3.39	3.38	3.38	3.38
180	3.53	3.43	3.37	3.35	3.32	3.33	3.34	3.35	3.35	3.35	3.38	3.42	3.53	3.43	3.37	3.34	3.32	3.32	3.34

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:15 January 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.84V I:2.8183A P:334.53W PF:0.9989 Freq:50.00Hz Lamp Flux:49295.3x1 lm					
NAME: 300W			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:1		Shielding Angle:

Table--2

UNIT: ×100cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1381	1381	1381	1381	1381														
5	1297	1308	1319	1326	1326														
10	1053	1072	1089	1097	1096														
15	676	700	722	733	731														
20	355	366	376	379	374														
25	210	217	221	224	222														
30	128	133	136	138	137														
35	82.9	85.5	86.9	88.1	87.3														
40	55.9	57.5	58.4	59.3	59.1														
45	37.3	38.6	39.0	39.8	39.7														
50	23.9	24.7	24.9	25.2	24.8														
55	15.1	15.6	15.7	15.9	15.6														
60	9.82	10.2	10.4	10.6	10.5														
65	6.68	6.92	7.16	7.36	7.43														
70	4.60	4.79	4.95	5.12	5.11														
75	2.92	3.11	3.21	3.35	3.38														
80	1.48	1.61	1.69	1.81	1.85														
85	0.35	0.45	0.53	0.59	0.61														
90	0.04	0.04	0.04	0.04	0.04														
95	0.05	0.05	0.05	0.05	0.05														
100	0.07	0.07	0.07	0.07	0.07														
105	0.11	0.10	0.10	0.10	0.10														
110	0.16	0.15	0.15	0.15	0.15														
115	0.23	0.22	0.22	0.21	0.21														
120	0.31	0.30	0.30	0.29	0.29														
125	0.42	0.40	0.40	0.39	0.39														
130	0.56	0.54	0.53	0.52	0.52														
135	0.77	0.74	0.73	0.72	0.72														
140	1.12	1.08	1.06	1.04	1.05														
145	1.63	1.57	1.55	1.52	1.54														
150	2.24	2.20	2.18	2.15	2.16														
155	2.84	2.84	2.84	2.82	2.83														
160	3.29	3.33	3.37	3.38	3.40														
165	3.50	3.57	3.63	3.66	3.70														
170	3.50	3.56	3.61	3.66	3.72														
175	3.38	3.43	3.45	3.51	3.59														
180	3.34	3.35	3.35	3.38	3.42														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:15 January 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks: