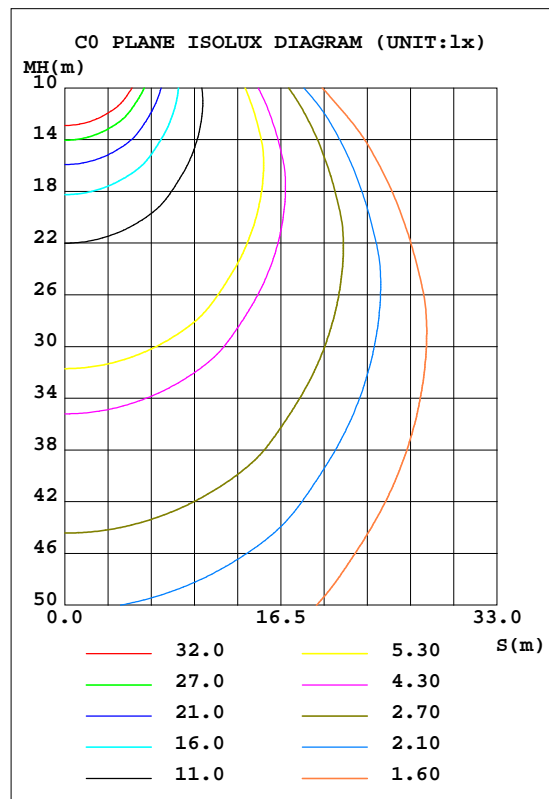
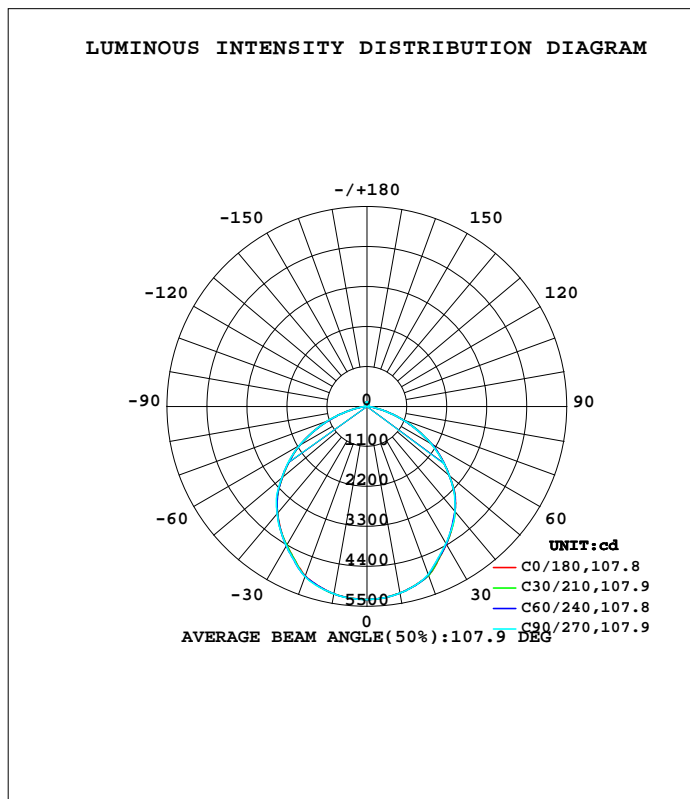




LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.18 lm/W			
MODEL		I _{max} (cd)	5311	S/MH(C0/180)	1.24
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14388	h UP, DN(C0-180)	1.5,47.6
NOMINAL FLUX(lm)	14387.8	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.7,49.3
LAMPS INSIDE	1	h up(%)	3.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	h down(%)	96.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	5210	5216	5216	5213	5230	5233	5235	5240	0- 10	502.9	502.9	3.5,3.5
20	4944	4939	4917	4916	4962	4973	4983	4996	10- 20	1443	1946	13.5,13.5
30	4373	4376	4348	4345	4416	4412	4435	4432	20- 30	2155	4101	28.5,28.5
40	3771	3778	3769	3763	3832	3835	3850	3845	30- 40	2572	6673	46.4,46.4
50	2964	2959	2956	2945	3040	3033	3058	3056	40- 50	2652	9325	64.8,64.8
60	2043	2035	2027	2021	2148	2135	2158	2166	50- 60	2284	11609	80.7,80.7
70	1022	1009	1006	1010	1110	1102	1126	1137	60- 70	1553	13162	91.5,91.5
80	229.3	234.9	230.4	221.1	287.5	283.7	282.8	290.3	70- 80	660.8	13823	96.1,96.1
90	34.74	34.72	34.78	34.67	39.94	39.95	39.99	40.18	80- 90	110.4	13933	96.8,96.8
100	36.98	37.03	37.17	37.14	45.87	45.91	45.86	45.93	90-100	42.00	13975	97.1,97.1
110	49.04	49.01	49.42	48.64	59.33	58.94	58.91	59.12	100-110	49.98	14025	97.5,97.5
120	65.65	65.61	65.95	64.35	74.96	73.47	74.00	74.46	110-120	61.29	14086	97.9,97.9
130	82.24	81.39	81.72	79.45	89.84	86.47	87.90	88.83	120-130	69.41	14156	98.4,98.4
140	95.29	93.79	93.81	91.36	102.3	98.24	98.68	101.0	130-140	70.31	14226	98.9,98.9
150	104.9	103.7	102.6	100.6	111.7	108.6	107.9	110.3	140-150	63.81	14290	99.3,99.3
160	116.2	113.7	112.5	112.2	118.5	116.7	116.8	118.1	150-160	51.23	14341	99.7,99.7
170	128.3	126.5	127.0	127.6	127.1	126.0	126.8	127.2	160-170	34.19	14375	99.9,99.9
180	133.9	132.4	133.8	133.8	134.1	132.6	133.8	133.8	170-180	12.42	14388	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 11.8 %									UNIT:lm		

Conical surface Flux(90deg): 8018.7 lm

%lum = 55.7%
%lamp = 55.7%

Conical surface Flux(120deg): 11609 lm

%lum = 80.7%
%lamp = 80.7%

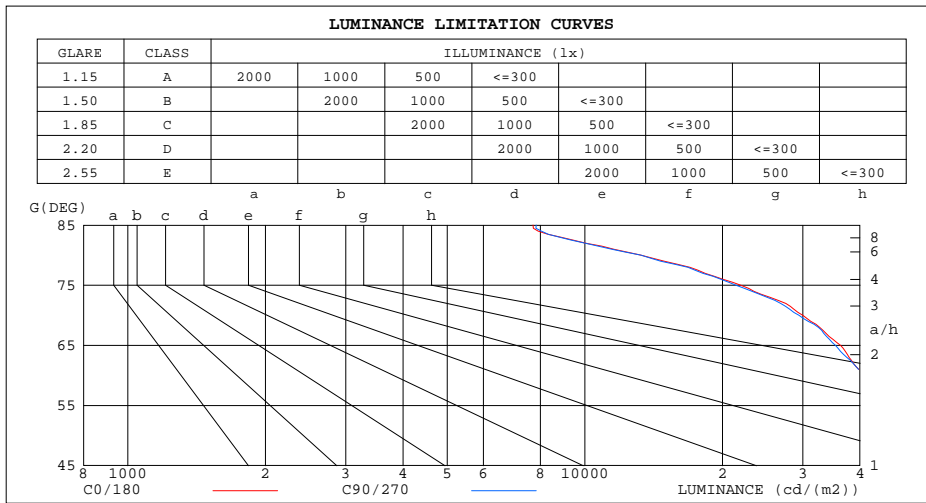
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:27 March 2020

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:



LUMINANCE LIMITATION CURVES

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7701	7825
80	13258	13257
75	21939	21426
70	29997	29404
65	36256	35342
60	41009	40515
55	44008	43589
50	46282	45946
45	48708	48110

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

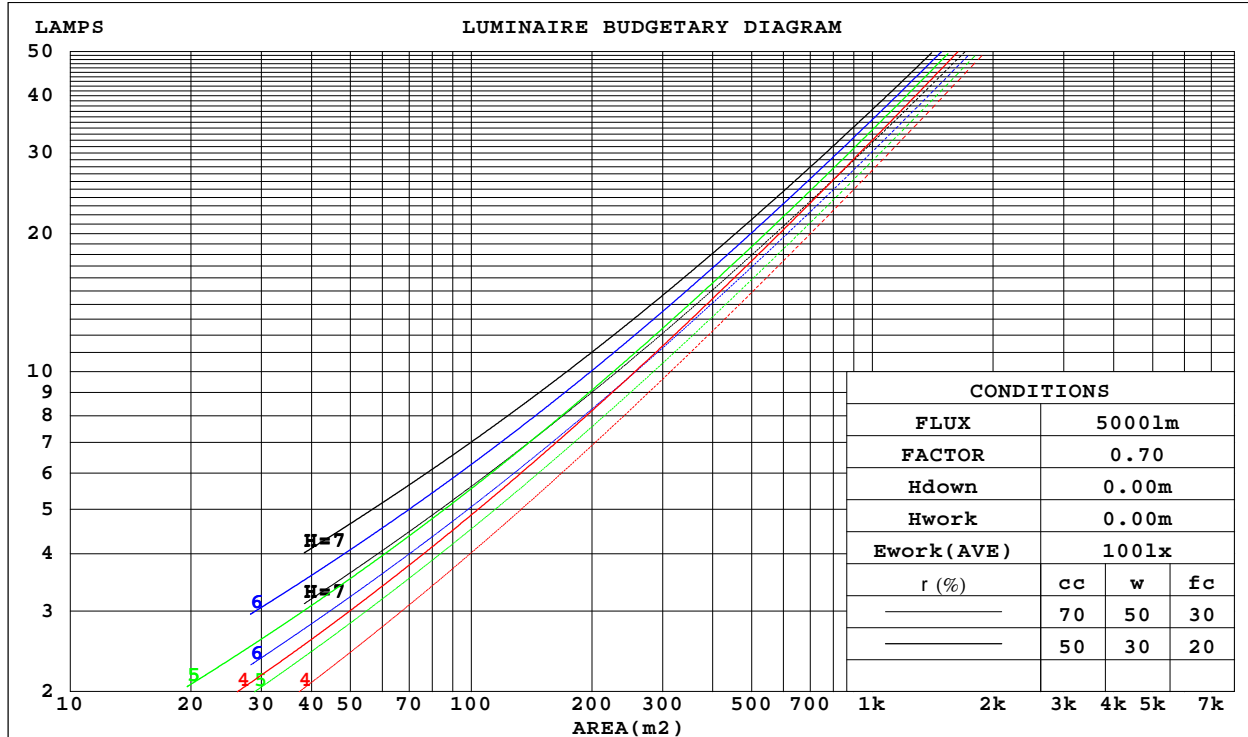
g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.05	1.01	.97	1.02	.98	.95	.97	.94	.92	.93	.90	.88	.89	.87	.85	.83
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.76	.82	.78	.74	.78	.75	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.67	.63	.70	.65	.62	.59
4.0	.72	.63	.57	.70	.63	.56	.67	.61	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.53	.48	.58	.52	.47	.56	.51	.46	.44
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.48	.42	.37	.47	.41	.36	.34
8.0	.48	.40	.34	.47	.39	.34	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.31	.43	.36	.30	.42	.35	.30	.41	.34	.30	.39	.34	.29	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



WEC AND CCEC

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.283	.161	.051	.275	.157	.050	.260	.149	.048	.246	.142	.046	.234	.135	.044	
2.0	.272	.149	.046	.265	.146	.045	.252	.140	.043	.240	.134	.042	.228	.129	.041	
3.0	.255	.136	.041	.249	.133	.040	.237	.129	.039	.226	.124	.038	.216	.120	.037	
4.0	.238	.124	.036	.232	.121	.036	.222	.118	.035	.212	.114	.034	.203	.110	.034	
5.0	.221	.113	.033	.216	.111	.032	.207	.108	.032	.198	.105	.031	.190	.102	.031	
6.0	.206	.103	.030	.202	.102	.029	.193	.099	.029	.186	.096	.028	.178	.094	.028	
7.0	.193	.095	.027	.189	.094	.027	.181	.092	.026	.174	.089	.026	.168	.087	.026	
8.0	.181	.088	.025	.177	.087	.025	.170	.085	.024	.164	.083	.024	.158	.081	.024	
9.0	.170	.082	.023	.166	.081	.023	.160	.079	.022	.154	.077	.022	.149	.076	.022	
10.0	.160	.077	.021	.157	.076	.021	.151	.074	.021	.146	.073	.021	.141	.071	.020	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.215	.215	.215	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.203	.181	.161	.173	.155	.138	.119	.107	.096	.068	.062	.056	.022	.020	.018	
2.0	.194	.156	.125	.166	.135	.108	.114	.093	.075	.066	.054	.044	.021	.018	.014	
3.0	.186	.139	.101	.160	.120	.088	.110	.083	.061	.063	.049	.036	.020	.016	.012	
4.0	.179	.125	.085	.153	.108	.074	.105	.076	.052	.061	.044	.031	.020	.014	.010	
5.0	.172	.115	.073	.147	.099	.064	.101	.070	.045	.059	.041	.027	.019	.013	.009	
6.0	.165	.107	.065	.141	.092	.057	.098	.065	.040	.057	.038	.024	.018	.012	.008	
7.0	.158	.100	.059	.136	.086	.051	.094	.061	.036	.055	.036	.022	.018	.012	.007	
8.0	.152	.094	.054	.131	.082	.047	.090	.057	.034	.053	.034	.020	.017	.011	.007	
9.0	.146	.089	.051	.126	.077	.044	.087	.054	.031	.051	.032	.019	.016	.011	.006	
10.0	.140	.085	.048	.121	.074	.042	.084	.052	.030	.049	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



UGR(Unified Glare Rating) Table

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm										
NAME: PG-EP100W-01-G1					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:001		
MFR.: PG LIGHTING					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	16.5	17.9	16.8	18.2	18.4	16.5	17.9	16.8	18.1	18.4
3H	17.5	18.9	17.9	19.1	19.4	17.5	18.8	17.8	19.1	19.4
4H	17.8	19.0	18.2	19.3	19.7	17.7	19.0	18.1	19.3	19.6
6H	17.9	19.0	18.2	19.4	19.7	17.8	19.0	18.2	19.3	19.6
8H	17.8	19.0	18.2	19.3	19.7	17.8	18.9	18.2	19.2	19.6
12H	17.8	18.9	18.2	19.2	19.6	17.7	18.8	18.1	19.2	19.5
4H 2H	17.0	18.2	17.3	18.5	18.8	16.9	18.2	17.3	18.5	18.8
3H	18.1	19.2	18.5	19.6	19.9	18.1	19.2	18.5	19.5	19.9
4H	18.5	19.4	18.9	19.8	20.2	18.4	19.4	18.8	19.8	20.2
6H	18.6	19.5	19.0	19.9	20.3	18.5	19.4	19.0	19.8	20.2
8H	18.6	19.4	19.0	19.8	20.3	18.5	19.3	19.0	19.7	20.2
12H	18.6	19.3	19.0	19.7	20.2	18.5	19.2	19.0	19.7	20.1
8H 4H	18.5	19.3	19.0	19.8	20.2	18.5	19.3	18.9	19.7	20.2
6H	18.7	19.4	19.2	19.8	20.3	18.7	19.3	19.1	19.8	20.3
8H	18.7	19.3	19.2	19.8	20.3	18.7	19.3	19.2	19.7	20.3
12H	18.7	19.2	19.2	19.7	20.3	18.7	19.2	19.2	19.7	20.2
12H 4H	18.5	19.2	19.0	19.7	20.1	18.5	19.2	18.9	19.6	20.1
6H	18.7	19.3	19.2	19.7	20.3	18.6	19.2	19.1	19.7	20.2
8H	18.7	19.2	19.2	19.7	20.3	18.7	19.2	19.2	19.7	20.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117, 14388 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 9.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



UTILIZATION FACTORS TABLE

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	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) x RCR = 5									
k = 0.60	58	47	40	57	47	40	56	46	40	33
0.80	68	57	50	67	57	50	65	56	49	42
1.00	77	66	59	76	66	59	73	67	58	51
1.25	84	74	67	83	73	67	80	72	66	58
1.50	89	80	73	87	79	72	84	77	71	63
2.00	96	88	82	94	86	81	90	84	79	71
2.50	99	92	86	97	91	85	93	88	83	74
3.00	103	96	91	100	95	90	96	91	87	78
4.00	106	101	97	104	99	95	99	95	92	83
5.00	109	104	100	106	102	99	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

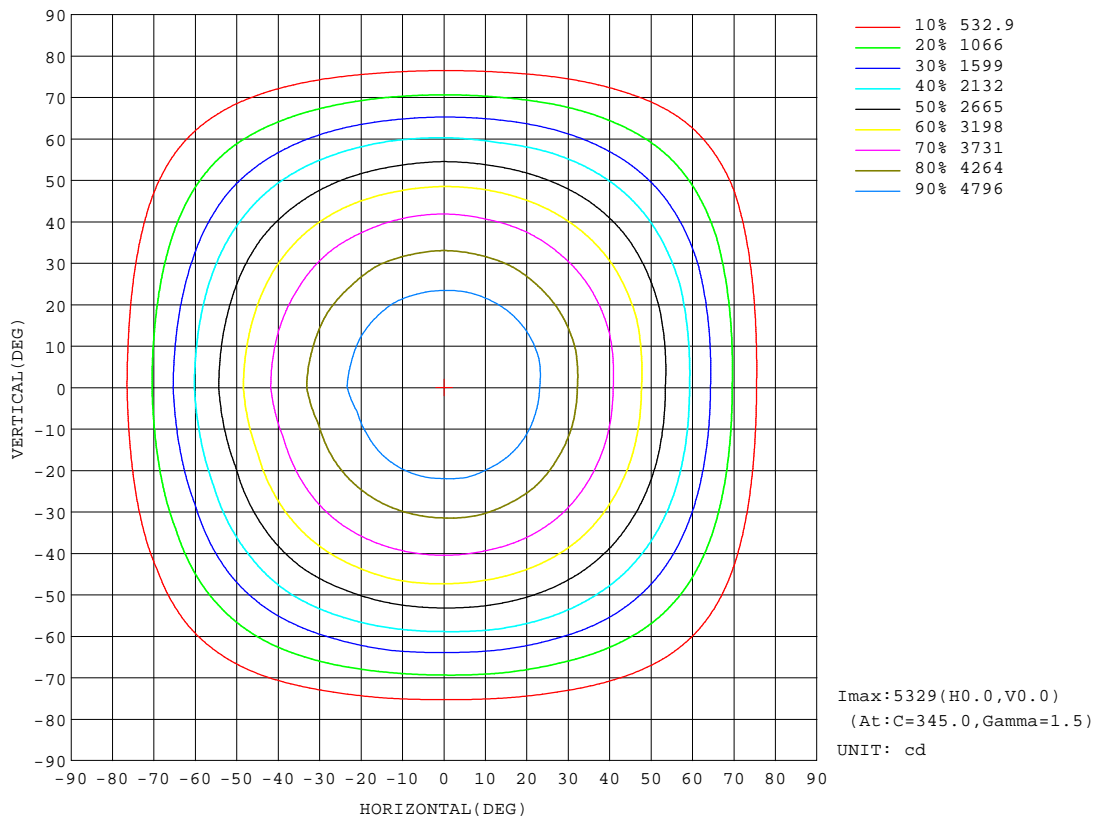
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



ISOCANDELA DIAGRAM

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 27 March 2020

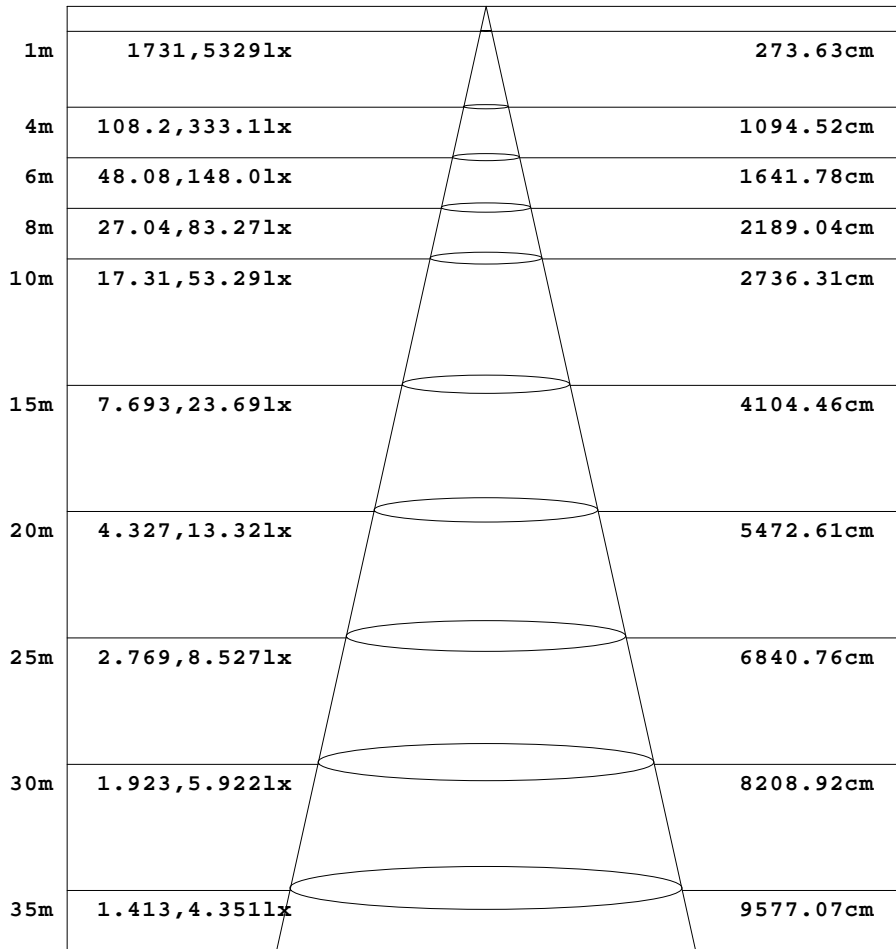
g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 11.900m [K=1.0000]
Remarks:



AAI Figure

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

Flux out:10301 lm



Height Eavg, Emax Angle:107.67deg Diameter

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

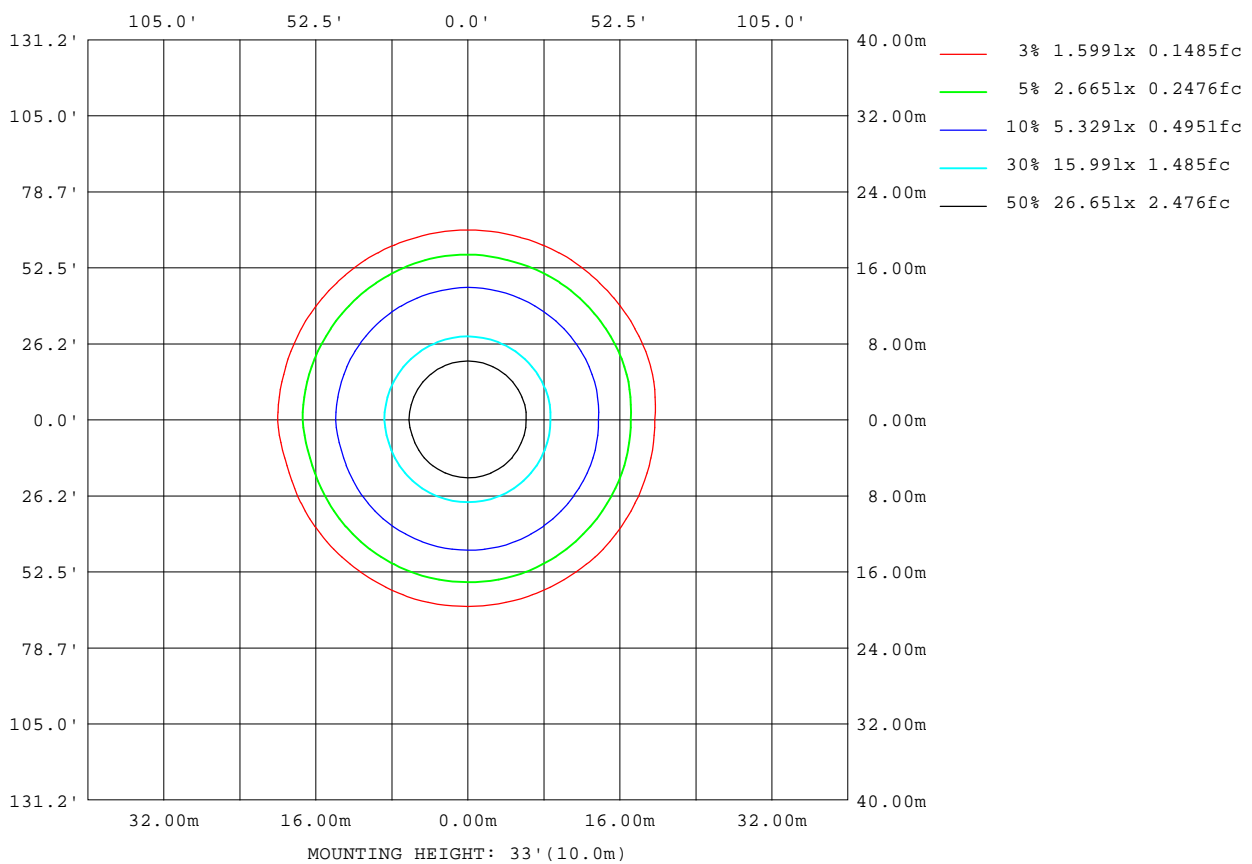
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



ISOLUX DIAGRAM

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:27 March 2020

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:



LED Avg.L Report

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	37299
L_0~180(75)av	23591
L_0~180(85)av	8791
L_90~270(65)av	36874
L_90~270(75)av	23303
L_90~270(85)av	8732
L_45(65)av	36981
L_45(75)av	23532
L_45(85)av	8754

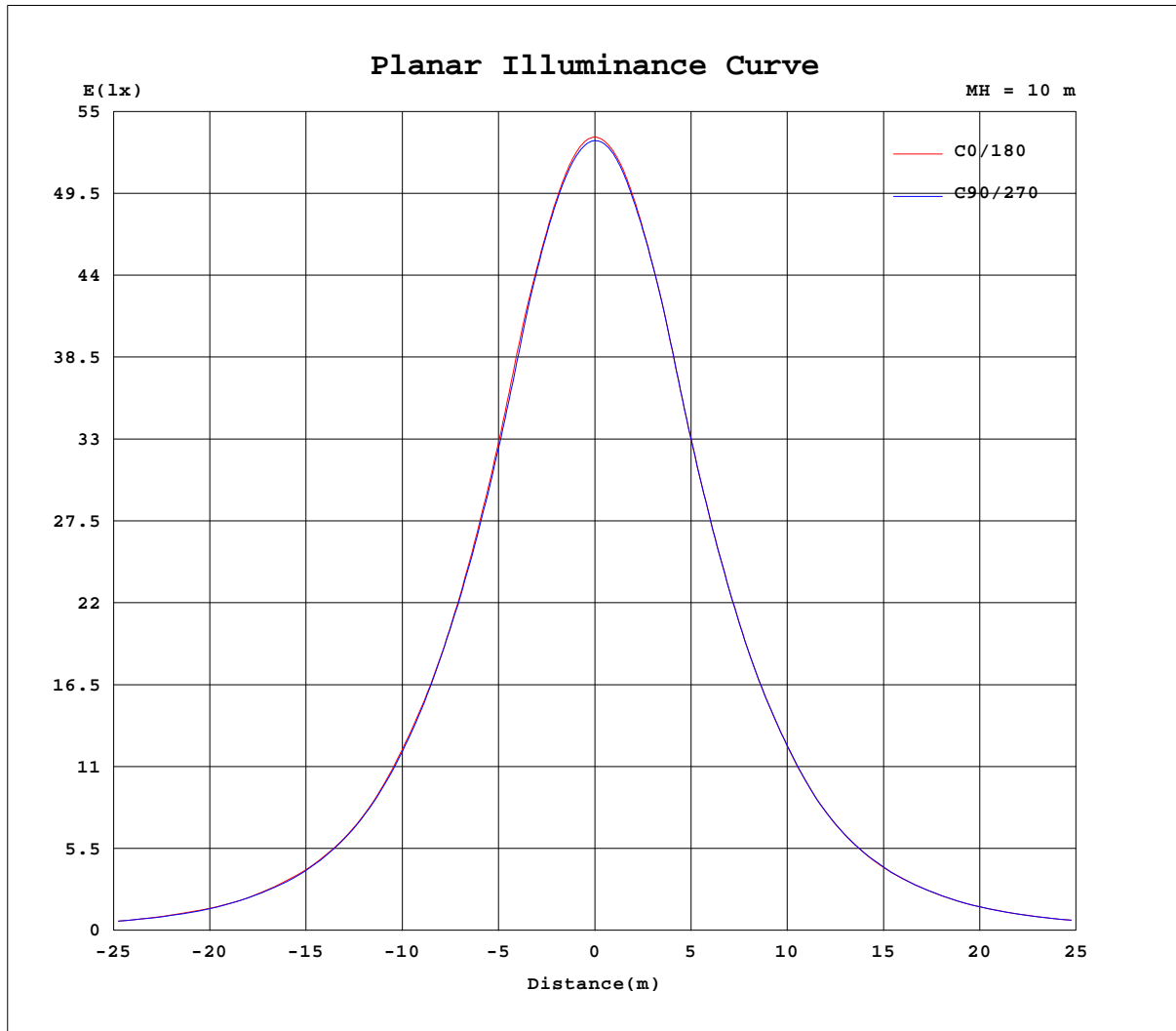
Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:27 March 2020

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:



Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 27 March 2020

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 11.900m [K=1.0000]
Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309	5309
5	5286	5285	5285	5284	5284	5283	5283	5287	5288	5286	5285	5284	5292	5291	5292	5292	5295	5296	5298
10	5210	5212	5211	5216	5213	5212	5216	5218	5216	5213	5208	5210	5230	5233	5235	5233	5234	5234	5235
15	5096	5094	5100	5104	5102	5107	5101	5104	5096	5089	5082	5086	5119	5127	5132	5123	5120	5124	5135
20	4944	4939	4949	4939	4930	4939	4917	4926	4925	4916	4904	4905	4962	4961	4973	4973	4972	4975	4983
25	4656	4650	4650	4641	4629	4633	4619	4618	4611	4615	4614	4620	4680	4670	4684	4690	4709	4699	4705
30	4373	4374	4362	4376	4366	4367	4348	4342	4341	4345	4350	4355	4416	4406	4411	4412	4440	4429	4435
35	4081	4089	4088	4082	4064	4079	4075	4068	4059	4067	4063	4068	4139	4142	4147	4126	4148	4148	4156
40	3771	3774	3774	3778	3766	3757	3769	3763	3762	3763	3757	3759	3832	3836	3833	3835	3838	3852	3850
45	3431	3436	3415	3425	3416	3419	3405	3425	3407	3413	3401	3406	3492	3496	3489	3506	3490	3498	3520
50	2964	2963	2962	2959	2958	2949	2956	2954	2937	2945	2935	2932	3040	3032	3048	3033	3055	3041	3058
55	2515	2529	2506	2508	2510	2521	2502	2499	2494	2502	2481	2485	2595	2598	2610	2595	2596	2600	2623
60	2043	2055	2035	2035	2038	2052	2027	2032	2024	2021	2009	2012	2148	2146	2129	2135	2143	2163	2158
65	1526	1524	1518	1513	1502	1513	1495	1513	1486	1504	1497	1500	1626	1607	1618	1606	1616	1618	1622
70	1022	1028	1013	1009	1010	1016	1006	1008	1007	1010	997	1003	1110	1120	1125	1102	1105	1121	1126
75	566	570	573	567	562	567	555	564	555	559	554	549	656	642	645	648	653	644	651
80	229	234	231	235	228	230	230	227	221	221	220	223	288	282	285	284	284	279	283
85	66.9	68.0	67.7	68.8	68.5	69.0	68.2	68.8	67.8	67.6	66.4	66.0	86.4	83.8	83.8	82.3	83.1	82.1	84.0
90	34.7	34.6	34.7	34.7	34.8	34.7	34.8	34.7	34.8	34.7	34.8	34.7	39.9	40.1	39.9	39.9	40.0	40.0	40.0
95	34.4	34.4	34.2	34.4	34.4	34.4	34.4	34.5	34.5	34.4	34.5	34.5	41.6	41.7	41.6	41.6	41.6	41.6	41.6
100	37.0	37.0	36.9	37.0	37.1	37.1	37.2	37.1	37.2	37.1	37.3	37.2	45.9	46.1	45.9	45.9	45.9	45.9	45.9
105	42.1	42.0	42.0	42.1	42.3	42.2	42.5	42.2	42.3	42.1	42.3	42.4	52.0	52.2	52.0	52.0	51.8	51.9	51.9
110	49.0	48.8	48.8	49.0	49.2	49.0	49.4	49.0	49.0	48.6	49.0	49.3	59.3	59.5	59.0	58.9	58.8	59.0	58.9
115	57.1	56.8	56.8	57.1	57.3	57.0	57.5	57.0	56.8	56.3	56.8	57.5	67.2	67.2	66.5	66.2	66.3	66.5	66.5
120	65.6	65.4	65.3	65.6	65.8	65.5	66.0	65.4	64.8	64.4	65.0	66.0	75.0	74.9	74.0	73.5	73.6	74.0	74.0
125	74.3	73.9	73.6	73.8	74.1	73.9	74.2	73.6	72.9	72.3	73.0	74.2	82.7	82.4	81.4	80.4	80.6	81.2	81.4
130	82.2	81.6	81.2	81.4	81.6	81.6	81.7	81.1	80.1	79.4	80.1	81.6	89.8	89.5	88.3	86.5	86.6	87.5	87.9
135	89.2	88.4	87.6	87.8	88.3	88.3	88.3	87.5	86.3	85.7	86.5	88.4	96.4	96.1	94.9	92.2	91.9	92.7	93.6
140	95.3	94.6	93.4	93.8	94.1	94.0	93.8	93.1	91.7	91.4	92.7	94.5	102	102	101	98.2	97.2	97.7	98.7
145	100	99.8	99.0	98.9	99.3	98.9	98.5	97.7	96.3	96.0	98.5	99.7	107	107	106	104	102	102	103
150	105	105	104	104	104	103	103	102	100	101	103	105	112	111	110	109	108	107	108
155	110	110	109	108	108	108	107	106	106	106	108	109	115	115	114	113	113	112	112
160	116	116	114	114	114	113	113	112	112	112	114	115	118	118	118	117	117	117	117
165	122	122	120	120	120	119	119	119	119	119	121	121	123	122	122	121	121	122	122
170	128	128	127	127	127	127	127	127	127	128	128	129	127	126	126	126	126	126	127
175	132	132	131	131	131	131	132	132	132	132	133	134	131	130	130	130	131	131	131
180	134	133	133	132	133	133	134	134	134	134	135	135	134	133	133	133	133	133	134

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.9V I:0.4655A P:101.2W PF:0.9840 Freq:50.00Hz Lamp Flux:14387.8x1 lm		
NAME: PG-EP100W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	5309	5309	5309	5309	5309														
5	5300	5300	5301	5300	5298														
10	5237	5240	5240	5240	5236														
15	5133	5137	5144	5138	5132														
20	4991	4985	4996	4994	4990														
25	4708	4724	4730	4737	4734														
30	4428	4435	4432	4440	4436														
35	4152	4157	4156	4156	4152														
40	3844	3853	3845	3847	3847														
45	3507	3496	3504	3520	3510														
50	3064	3065	3056	3081	3085														
55	2607	2611	2631	2640	2615														
60	2130	2162	2166	2172	2164														
65	1626	1637	1629	1638	1638														
70	1123	1132	1137	1145	1137														
75	658	665	661	677	676														
80	286	291	290	299	300														
85	83.3	85.7	86.5	89.5	89.4														
90	40.2	40.0	40.2	40.4	40.5														
95	41.7	41.6	41.6	41.6	41.6														
100	46.0	45.8	45.9	45.8	45.8														
105	52.0	51.8	52.0	51.8	51.8														
110	59.2	58.9	59.1	58.9	59.0														
115	66.8	66.5	66.8	66.6	66.7														
120	74.4	74.2	74.5	74.3	74.5														
125	81.7	81.7	82.0	81.9	82.2														
130	88.4	88.5	88.8	88.8	89.1														
135	94.5	94.7	95.2	95.2	95.3														
140	99.9	100	101	101	102														
145	104	105	106	106	107														
150	109	109	110	111	112														
155	113	113	114	115	116														
160	117	117	118	119	120														
165	122	122	122	124	124														
170	127	127	127	128	128														
175	131	131	132	132	133														
180	134	134	134	135	135														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks: