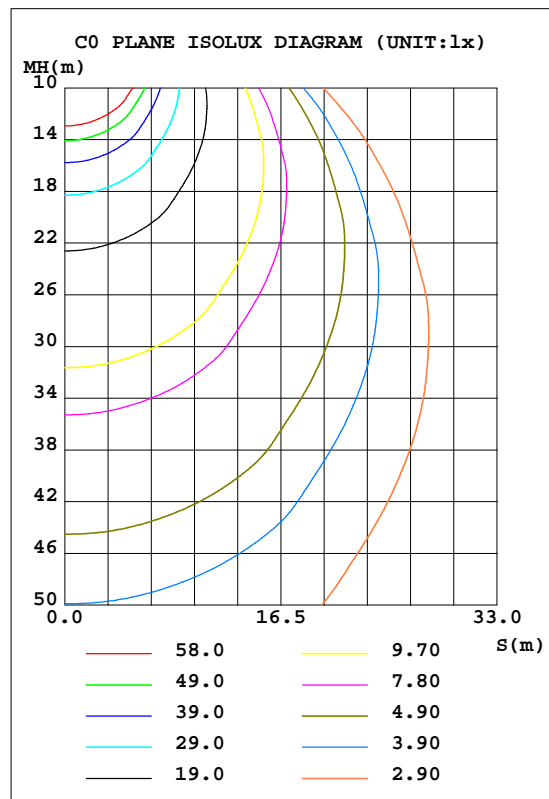
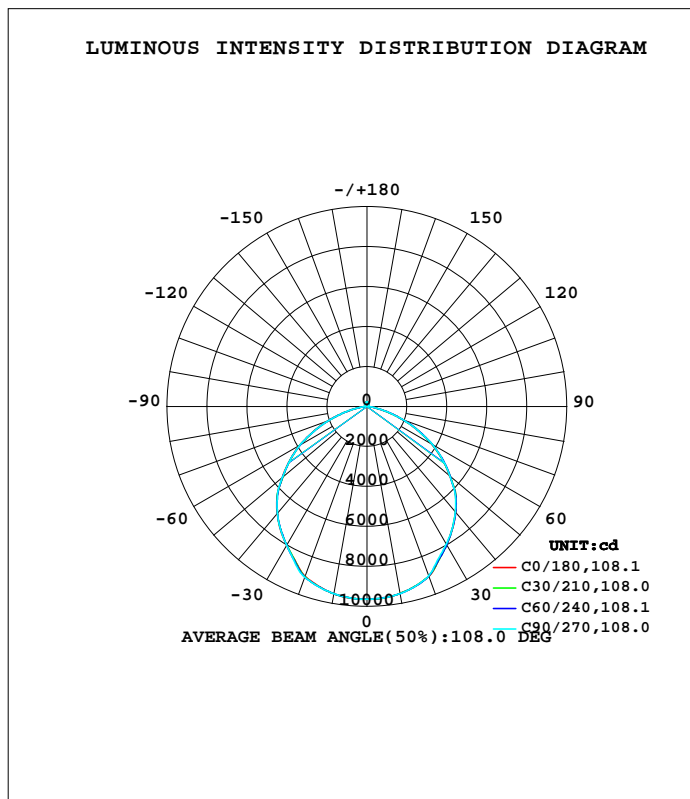




LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.80 lm/W			
MODEL		I _{max} (cd)	9646	S/MH(C0/180)	1.24
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	26218	h UP, DN(C0-180)	1.4,47.8
NOMINAL FLUX(lm)	26218.3	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.7,49.1
LAMPS INSIDE	1	h up(%)	3.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	h down(%)	96.9	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	9496	9502	9505	9492	9518	9513	9508	9518	0- 10	914.3	914.3	3.49,3.49
20	9042	9040	9022	8995	9047	9074	9096	9086	10- 20	2631	3545	13.5,13.5
30	7967	7998	7942	7931	8034	8017	8032	8056	20- 30	3930	7475	28.5,28.5
40	6900	6910	6880	6868	6985	6961	6970	6987	30- 40	4687	12162	46.4,46.4
50	5409	5445	5429	5388	5535	5507	5537	5565	40- 50	4838	17000	64.8,64.8
60	3727	3771	3754	3712	3892	3850	3887	3925	50- 60	4164	21163	80.7,80.7
70	1851	1885	1870	1842	2019	2001	2015	2055	60- 70	2834	23998	91.5,91.5
80	417.8	434.8	426.9	414.3	517.8	508.6	521.9	534.0	70- 80	1200	25198	96.1,96.1
90	61.51	61.70	61.81	61.71	73.01	72.90	73.14	73.55	80- 90	204.3	25402	96.9,96.9
100	64.55	64.39	64.70	64.89	83.68	84.11	83.88	83.83	90-100	75.39	25478	97.2,97.2
110	85.43	85.22	85.37	84.96	108.4	108.0	108.1	108.0	100-110	89.43	25567	97.5,97.5
120	114.8	114.6	114.2	112.9	137.0	134.7	135.7	136.0	110-120	109.7	25677	97.9,97.9
130	144.4	143.0	142.6	140.4	164.5	159.0	161.3	162.2	120-130	124.5	25801	98.4,98.4
140	168.1	165.8	165.0	162.2	186.8	179.9	181.3	183.6	130-140	126.5	25928	98.9,98.9
150	185.9	184.1	181.8	179.4	201.9	197.4	196.2	199.4	140-150	114.6	26042	99.3,99.3
160	207.1	203.4	201.3	201.0	214.3	211.9	211.4	214.2	150-160	92.02	26134	99.7,99.7
170	230.5	228.3	228.8	228.9	229.3	228.0	228.8	229.7	160-170	61.53	26196	99.9,99.9
180	241.2	239.7	241.2	240.6	241.6	239.6	241.3	240.6	170-180	22.38	26218	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 11.8 %									UNIT:lm		

Conical surface Flux(90deg): 14614 lm

%lum = 55.7%
%lamp = 55.7%

Conical surface Flux(120deg): 21163 lm

%lum = 80.7%
%lamp = 80.7%

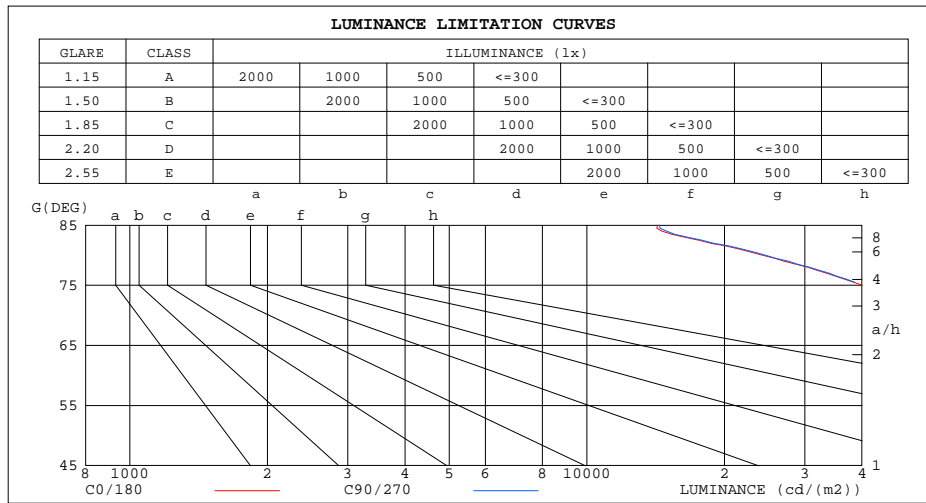
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:27 March 2020

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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	14265	14409
80	24223	24565
75	39948	40332
70	54469	54619
65	66389	66088
60	75035	75025
55	80616	80206
50	84711	84388
45	89373	88380

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

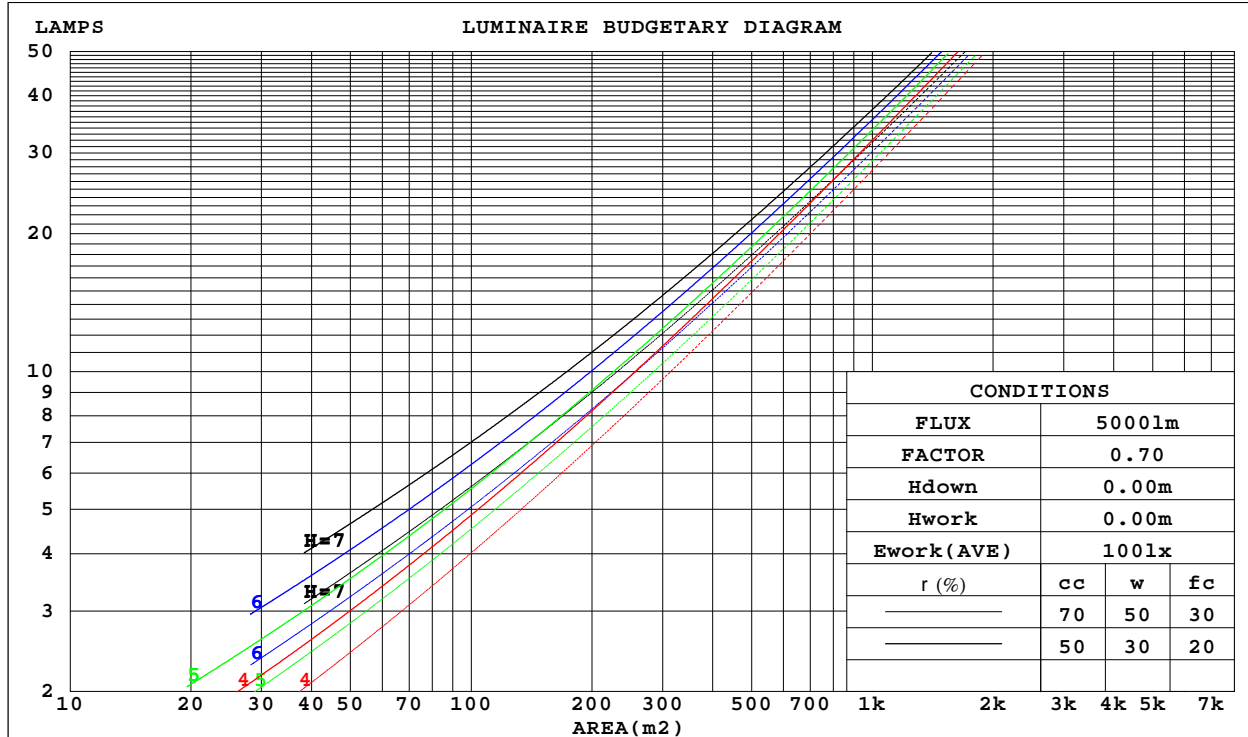
g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:



CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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	.229	.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	.122	.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	.194	.099	.029	.186	.097	.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	.167	.081	.023	.160	.079	.022	.155	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.202	.180	.160	.173	.155	.138	.118	.106	.095	.068	.062	.056	.022	.020	.018	
2.0	.194	.156	.124	.166	.134	.108	.114	.093	.075	.066	.054	.044	.021	.017	.014	
3.0	.186	.138	.101	.159	.119	.087	.109	.083	.061	.063	.048	.036	.020	.016	.012	
4.0	.178	.125	.084	.153	.108	.073	.105	.075	.052	.061	.044	.031	.020	.014	.010	
5.0	.171	.115	.073	.147	.099	.063	.101	.069	.045	.059	.041	.027	.019	.013	.009	
6.0	.164	.106	.065	.141	.092	.056	.097	.064	.040	.057	.038	.024	.018	.012	.008	
7.0	.158	.099	.059	.136	.086	.051	.094	.060	.036	.054	.036	.022	.018	.012	.007	
8.0	.151	.094	.054	.130	.081	.047	.090	.057	.033	.052	.034	.020	.017	.011	.007	
9.0	.146	.089	.050	.125	.077	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006	
10.0	.140	.084	.047	.121	.073	.041	.084	.052	.029	.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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm										
NAME: PG-EP200W-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	16.6	18.0	16.9	18.2	18.5	16.5	18.0	16.9	18.2	18.5
3H	17.6	18.9	17.9	19.2	19.5	17.6	18.9	17.9	19.2	19.5
4H	17.8	19.1	18.2	19.4	19.7	17.9	19.1	18.2	19.4	19.7
6H	17.9	19.1	18.3	19.4	19.7	17.9	19.1	18.3	19.4	19.7
8H	17.9	19.0	18.3	19.3	19.7	17.9	19.0	18.3	19.4	19.7
12H	17.8	18.9	18.2	19.3	19.6	17.9	18.9	18.3	19.3	19.6
4H 2H	17.0	18.3	17.4	18.6	18.9	17.0	18.3	17.4	18.6	18.9
3H	18.2	19.3	18.6	19.6	20.0	18.2	19.3	18.6	19.6	20.0
4H	18.5	19.5	18.9	19.9	20.3	18.5	19.5	18.9	19.9	20.3
6H	18.6	19.5	19.1	19.9	20.3	18.6	19.5	19.1	19.9	20.3
8H	18.6	19.4	19.1	19.9	20.3	18.6	19.4	19.1	19.9	20.3
12H	18.6	19.3	19.1	19.8	20.2	18.6	19.4	19.1	19.8	20.3
8H 4H	18.6	19.4	19.0	19.8	20.3	18.6	19.4	19.1	19.8	20.3
6H	18.8	19.4	19.3	19.9	20.4	18.8	19.4	19.3	19.9	20.4
8H	18.8	19.4	19.3	19.8	20.4	18.8	19.4	19.3	19.9	20.4
12H	18.8	19.3	19.3	19.8	20.3	18.8	19.3	19.3	19.8	20.3
12H 4H	18.6	19.3	19.0	19.7	20.2	18.6	19.3	19.0	19.7	20.2
6H	18.7	19.3	19.2	19.8	20.3	18.8	19.3	19.3	19.8	20.3
8H	18.8	19.3	19.3	19.8	20.3	18.8	19.3	19.3	19.8	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.5				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117, 26218 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.3)

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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	107	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			

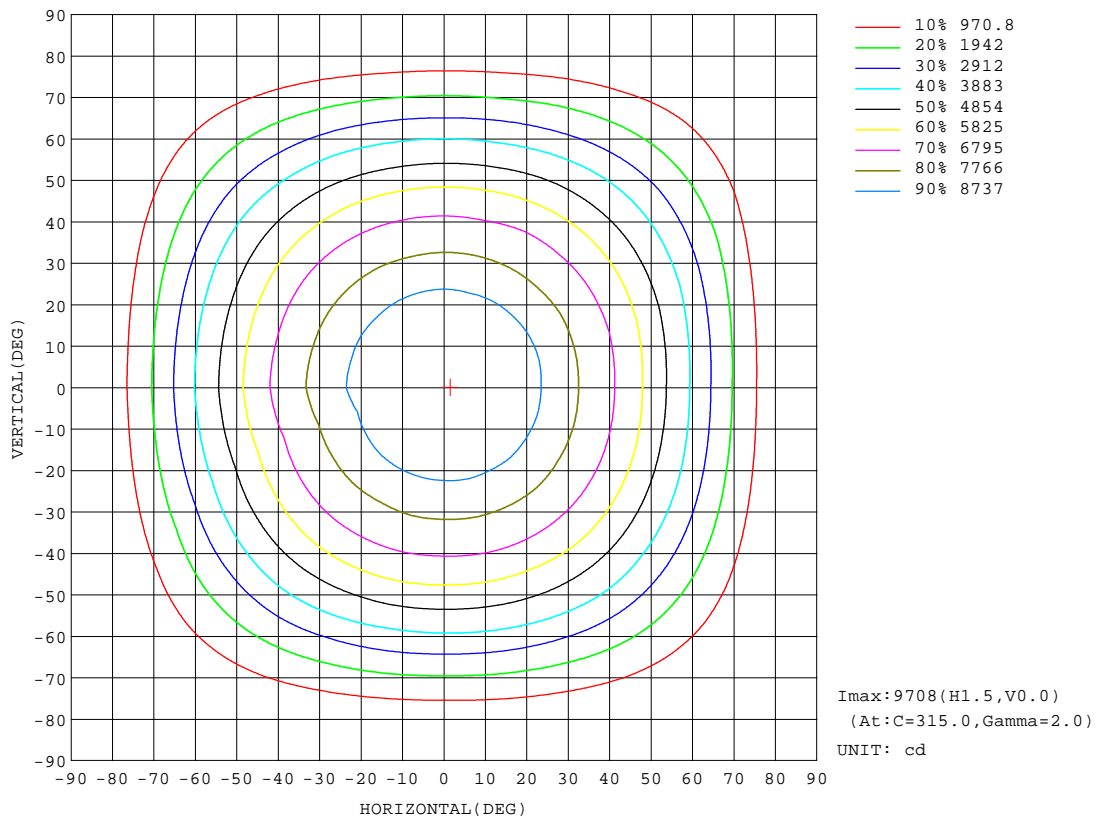
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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

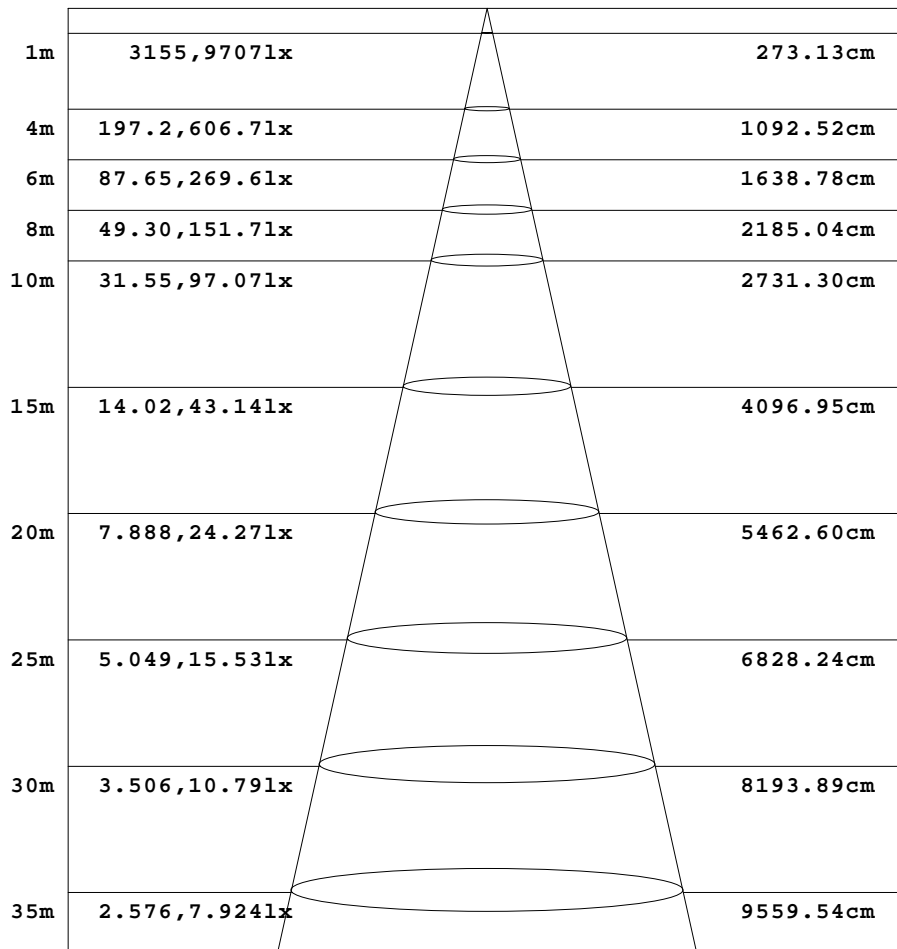
g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:



AAI Figure

Test:U:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

Flux out:18779 lm



Height Eavg, Emax Angle:107.57deg Diameter

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

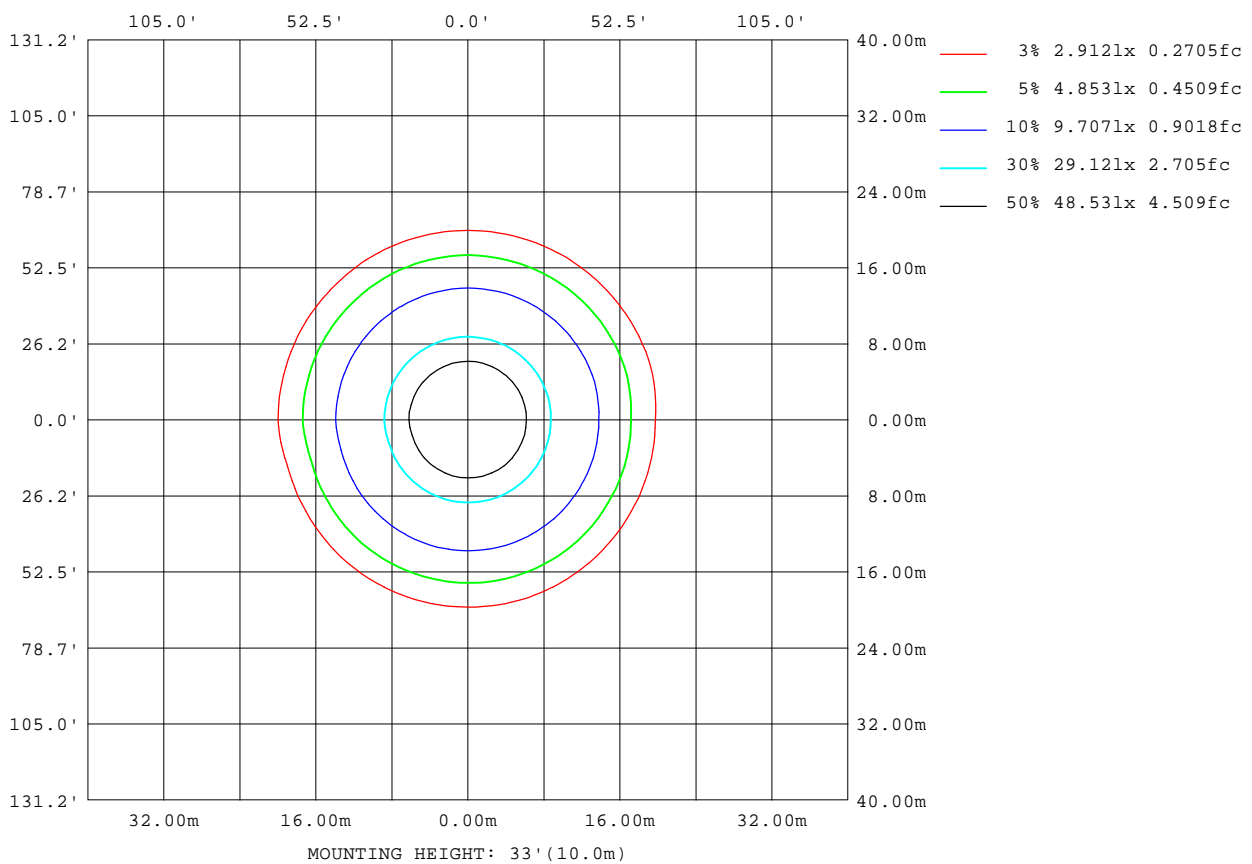
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 March 2020

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-01-G1	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: PG LIGHTING	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	67779
L_0~180(75)av	42443
L_0~180(85)av	16292
L_90~270(65)av	67670
L_90~270(75)av	42812
L_90~270(85)av	16436
L_45(65)av	67683
L_45(75)av	42722
L_45(85)av	16381

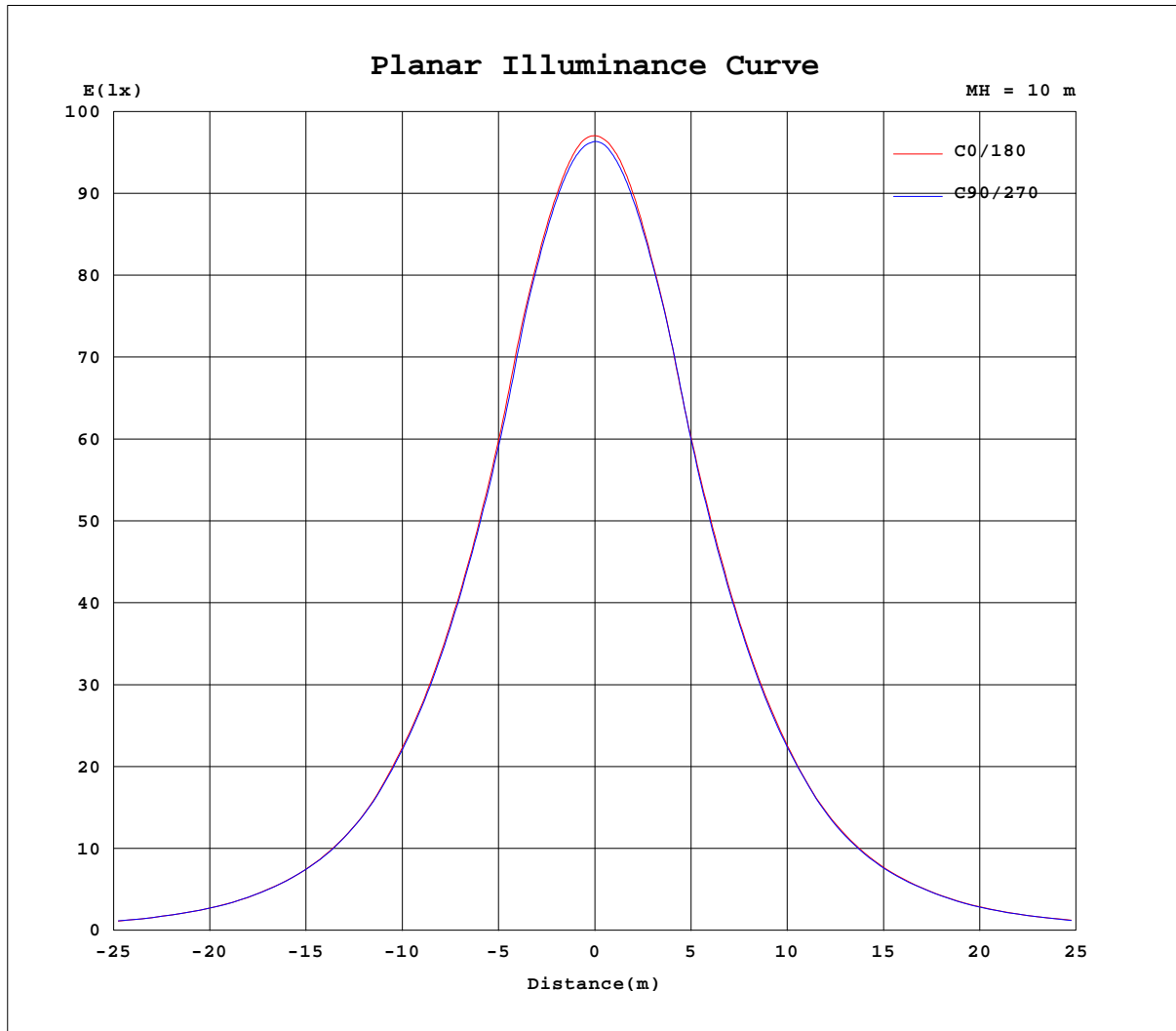
Standard: GB/T 29293-2012

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642	9642
5	9618	9616	9610	9607	9604	9609	9609	9612	9612	9610	9607	9605	9616	9613	9617	9613	9613	9611	9613
10	9496	9501	9497	9502	9506	9510	9505	9499	9493	9492	9483	9481	9518	9513	9518	9513	9514	9508	9508
15	9314	9316	9305	9316	9320	9328	9316	9295	9285	9293	9281	9265	9312	9316	9331	9336	9332	9323	9336
20	9042	9042	9030	9040	9033	9051	9022	9011	9003	8995	8971	8966	9047	9048	9069	9074	9087	9070	9096
25	8477	8497	8495	8506	8480	8476	8426	8434	8426	8434	8430	8414	8512	8500	8520	8508	8551	8566	8582
30	7967	7980	7988	7998	7989	7975	7942	7952	7922	7931	7934	7944	8034	8010	8019	8017	8027	8025	8032
35	7461	7475	7454	7485	7455	7481	7447	7411	7435	7400	7421	7543	7514	7528	7517	7517	7522	7498	7534
40	6900	6911	6899	6910	6905	6913	6880	6889	6868	6868	6856	6847	6985	6954	6972	6961	6970	6966	6970
45	6277	6275	6289	6284	6279	6281	6254	6255	6243	6231	6196	6207	6362	6344	6361	6344	6343	6332	6349
50	5409	5450	5441	5445	5435	5443	5429	5429	5389	5388	5368	5350	5535	5509	5513	5507	5524	5527	5537
55	4593	4605	4602	4627	4631	4635	4604	4614	4577	4570	4547	4547	4718	4700	4710	4703	4707	4679	4707
60	3727	3749	3736	3771	3769	3773	3754	3734	3724	3712	3672	3657	3892	3883	3886	3850	3873	3869	3887
65	2787	2802	2796	2810	2802	2810	2795	2796	2770	2766	2725	2734	2942	2915	2925	2905	2927	2922	2924
70	1851	1862	1871	1885	1869	1884	1870	1872	1849	1842	1819	1815	2019	1996	1995	2001	2004	2002	2015
75	1027	1041	1042	1055	1051	1062	1045	1047	1025	1025	1009	1007	1170	1155	1171	1149	1169	1165	1171
80	418	426	428	435	429	433	427	425	415	414	403	401	518	510	511	509	512	514	522
85	123	125	125	127	126	128	126	126	124	125	122	122	161	156	157	154	156	155	161
90	61.5	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.7	61.7	61.6	73.0	73.2	73.1	72.9	73.0	73.1	73.1
95	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	75.8	76.2	76.3	76.1	76.1	76.1	76.0
100	64.5	64.3	64.3	64.4	64.6	64.6	64.7	64.7	65.0	64.9	65.1	65.1	83.7	84.1	84.0	84.1	84.0	84.2	83.9
105	73.4	73.0	73.1	73.0	73.3	73.3	73.4	73.4	73.6	73.4	73.8	74.1	95.0	95.1	95.1	95.1	95.2	95.3	95.1
110	85.4	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.3	85.0	85.6	86.5	108	109	108	108	108	108	108
115	99.6	99.1	99.2	99.4	99.6	99.5	99.3	99.2	98.8	98.4	99.2	101	123	123	122	121	121	122	122
120	115	114	114	115	115	114	114	114	113	113	114	116	137	137	136	135	135	136	136
125	130	129	129	129	130	129	129	129	128	127	129	131	151	151	149	147	148	149	149
130	144	143	143	143	143	143	143	142	141	140	142	145	164	164	162	159	159	161	161
135	157	156	154	155	155	155	155	154	152	152	154	157	177	176	175	170	169	171	172
140	168	167	165	166	166	166	165	164	162	162	164	167	187	186	185	180	178	179	181
145	178	176	175	175	175	175	174	173	171	171	174	176	195	194	194	189	187	187	189
150	186	186	185	184	184	183	182	180	179	179	183	185	202	202	201	197	196	194	196
155	196	196	194	193	193	192	191	190	189	190	192	194	208	208	207	204	204	203	203
160	207	206	204	203	203	202	201	201	200	201	202	204	214	214	213	212	212	212	211
165	218	218	216	215	215	214	214	214	213	213	215	215	222	221	221	220	220	220	220
170	230	230	229	228	228	229	229	229	229	229	229	230	229	228	228	228	228	228	229
175	238	238	237	237	237	237	237	238	237	237	238	239	237	236	236	236	236	236	237
180	241	240	240	240	240	240	241	241	241	241	242	242	242	240	240	240	240	240	241

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:220.8V I:0.9295A P:202.0W PF:0.9843 Freq:49.98Hz Lamp Flux:26218.3x1 lm		
NAME: PG-EP200W-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	9642	9642	9642	9642	9642														
5	9616	9625	9628	9633	9633														
10	9510	9519	9518	9524	9522														
15	9340	9339	9325	9331	9349														
20	9092	9092	9086	9092	9093														
25	8568	8604	8603	8632	8628														
30	8047	8045	8056	8077	8080														
35	7513	7552	7531	7576	7568														
40	6950	7007	6987	7010	7026														
45	6353	6383	6383	6403	6405														
50	5551	5566	5565	5599	5595														
55	4715	4762	4761	4782	4776														
60	3876	3903	3925	3946	3942														
65	2941	2945	2961	3000	2984														
70	2001	2046	2055	2052	2087														
75	1169	1190	1194	1197	1209														
80	521	531	534	541	542														
85	160	166	165	168	167														
90	73.2	73.4	73.5	74.3	74.1														
95	76.1	75.8	75.9	75.7	75.7														
100	84.1	83.7	83.8	83.4	83.4														
105	95.3	94.9	94.8	94.5	94.3														
110	108	108	108	108	107														
115	122	122	122	122	122														
120	136	136	136	136	136														
125	150	149	150	150	150														
130	162	162	162	162	163														
135	173	173	174	174	174														
140	183	183	184	184	185														
145	191	191	192	192	194														
150	198	199	199	200	201														
155	205	206	207	207	208														
160	212	213	214	215	216														
165	221	221	222	222	223														
170	229	229	230	230	231														
175	237	237	237	238	238														
180	241	241	241	241	242														

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: