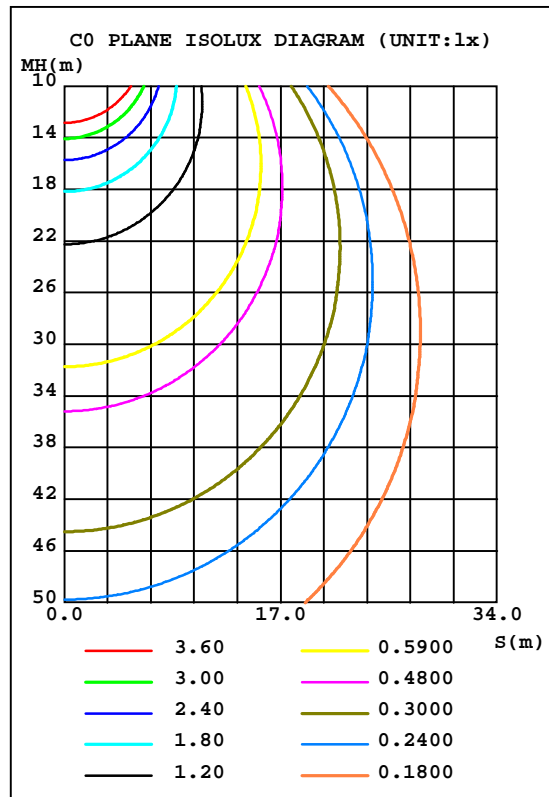
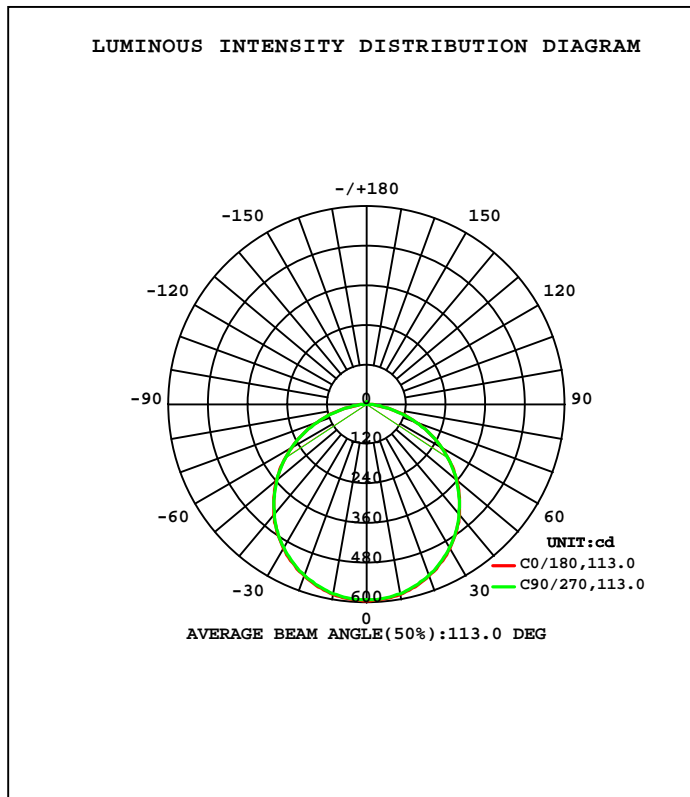


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.06 lm/W			
MODEL		I _{max} (cd)	594.4	S/MH(C0/180)	1.26
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1716.1	h UP, DN(C0-180)	0.8,49.2
NOMINAL FLUX(lm)	1716.08	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.8,49.2
LAMPS INSIDE	1	h up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	h down(%)	98.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

Angle Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [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	584.1	582.0	582.0	582.0	584.1	582.0	582.0	582.0	0- 10	56.07	56.07	3.27,3.27
20	553.3	551.4	551.3	551.4	553.3	551.4	551.3	551.4	10- 20	160.7	216.8	12.6,12.6
30	504.1	502.3	502.2	502.3	504.1	502.3	502.2	502.3	20- 30	243.9	460.7	26.8,26.8
40	437.2	435.9	435.4	435.9	437.2	435.9	435.4	435.9	30- 40	294.9	755.6	44,44
50	356.4	355.1	355.0	355.1	356.4	355.1	355.0	355.1	40- 50	306.1	1062	61.9,61.9
60	263.5	262.5	262.6	262.5	263.5	262.5	262.6	262.5	50- 60	277.2	1339	78,78
70	160.5	159.9	159.9	159.9	160.5	159.9	159.9	159.9	60- 70	209.8	1549	90.2,90.2
80	59.70	59.30	58.90	59.30	59.70	59.30	58.90	59.30	70- 80	114.5	1663	96.9,96.9
90	1.901	1.694	1.403	1.694	1.901	1.694	1.403	1.694	80- 90	25.56	1689	98.4,98.4
100	2.118	2.097	2.103	2.097	2.118	2.097	2.103	2.097	90-100	1.863	1691	98.5,98.5
110	3.022	3.010	3.030	3.010	3.022	3.010	3.030	3.010	100-110	2.699	1693	98.7,98.7
120	3.997	4.005	4.031	4.005	3.997	4.005	4.031	4.005	110-120	3.472	1697	98.9,98.9
130	5.041	5.072	5.102	5.072	5.041	5.072	5.102	5.072	120-130	4.057	1701	99.1,99.1
140	6.080	6.135	6.198	6.135	6.080	6.135	6.198	6.135	130-140	4.334	1705	99.4,99.4
150	7.073	7.114	7.219	7.114	7.073	7.114	7.219	7.114	140-150	4.163	1709	99.6,99.6
160	8.064	7.971	8.138	7.971	8.064	7.971	8.138	7.971	150-160	3.502	1713	99.8,99.8
170	9.127	8.834	8.899	8.834	9.127	8.834	8.899	8.834	160-170	2.389	1715	99.9,99.9
180	9.185	9.028	8.994	9.028	9.185	9.028	8.994	9.028	170-180	0.8603	1716	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 909.72 lm

%lum = 53.0%

%lamp = 53.0%

Conical surface Flux(120deg): 1338.9 lm

%lum = 78.0%

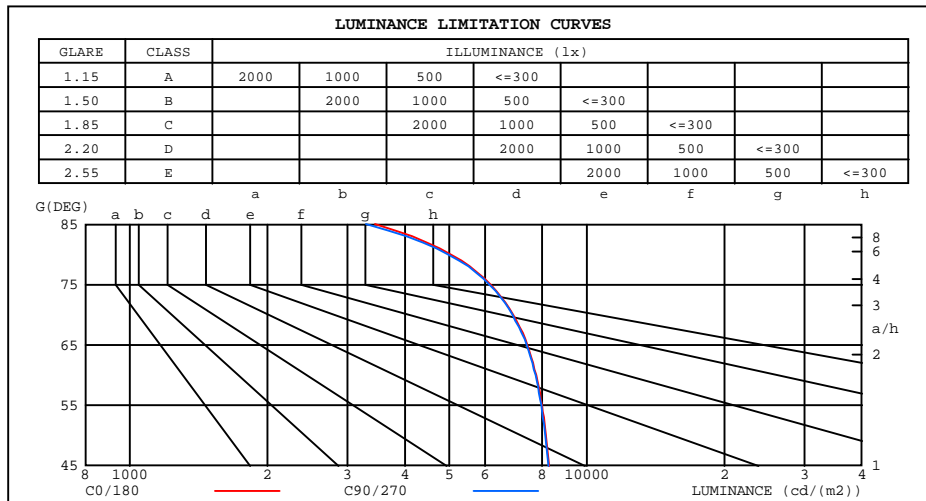
%lamp = 78.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3445	3288
80	5056	4988
75	6164	6137
70	6902	6876
65	7422	7390
60	7751	7722
55	7985	7953
50	8154	8123
45	8281	8250

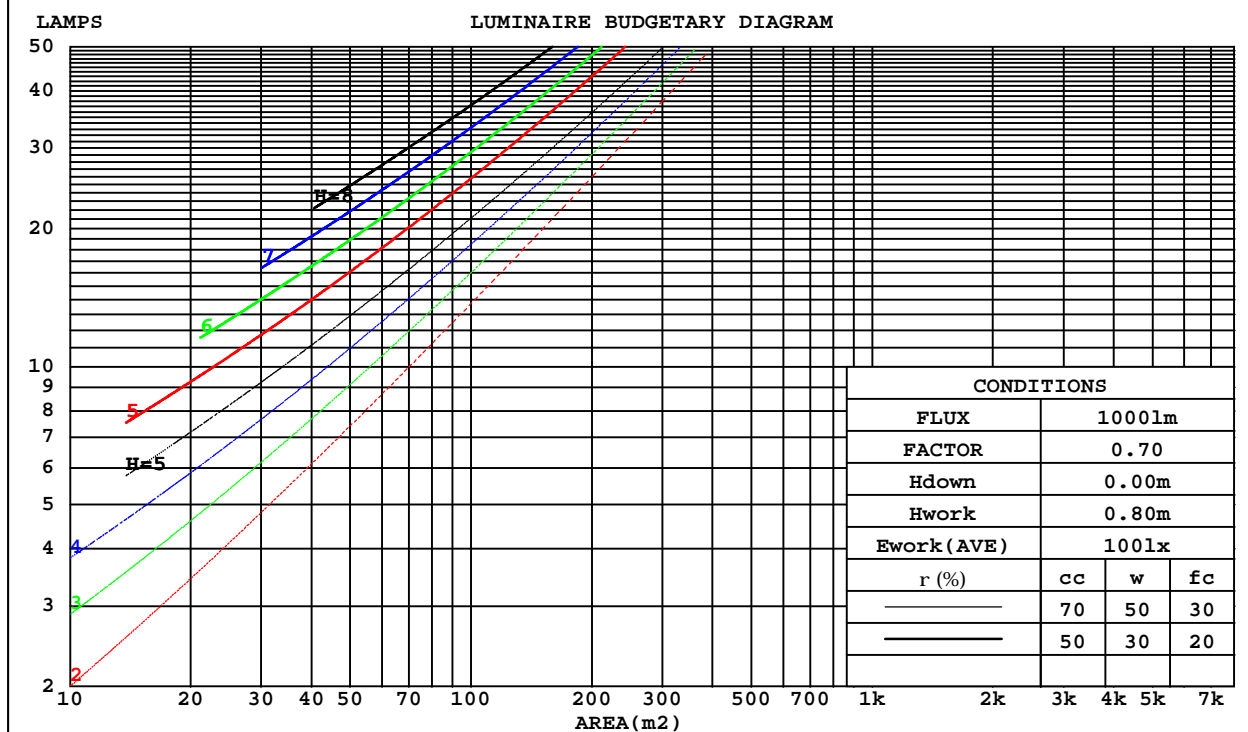
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.04	.00	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.84	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.65	.78	.70	.64	.74	.68	.63	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.38	.32	.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: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

EVERFINE

WEC AND CCEC

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.305	.173	.055	.297	.169	.054	.283	.162	.052	.270	.156	.050	.258	.149	.048	
2.0	.288	.158	.049	.282	.155	.048	.269	.150	.047	.258	.145	.045	.247	.140	.044	
3.0	.268	.143	.043	.262	.140	.042	.251	.136	.041	.241	.132	.040	.231	.128	.040	
4.0	.248	.129	.038	.242	.127	.037	.232	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.229	.117	.034	.224	.115	.034	.216	.112	.033	.207	.109	.033	.200	.107	.032	
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.193	.100	.030	.186	.098	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.174	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.175	.088	.025	.169	.086	.025	.164	.084	.024	
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.075	.021	.146	.073	.021	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.192	.168	.147	.164	.145	.127	.112	.099	.088	.065	.058	.051	.021	.019	.016	
2.0	.184	.144	.111	.158	.124	.096	.108	.086	.067	.062	.050	.039	.020	.016	.013	
3.0	.176	.127	.087	.151	.109	.075	.104	.076	.053	.060	.044	.031	.019	.014	.010	
4.0	.169	.113	.071	.145	.098	.062	.100	.068	.043	.058	.040	.026	.019	.013	.008	
5.0	.162	.103	.060	.139	.089	.052	.096	.062	.037	.055	.037	.022	.018	.012	.007	
6.0	.154	.095	.052	.133	.082	.045	.092	.057	.032	.053	.034	.019	.017	.011	.006	
7.0	.148	.088	.046	.127	.076	.040	.088	.053	.028	.051	.031	.017	.016	.010	.006	
8.0	.141	.082	.041	.122	.071	.036	.084	.050	.026	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.038	.116	.067	.033	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.035	.112	.063	.031	.077	.045	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm										
NAME: O18W 3000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:295MM			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	20.0	21.5	20.3	21.8	22.0	20.0	21.5	20.3	21.8	22.0
3H	21.5	22.9	21.8	23.2	23.4	21.5	22.9	21.8	23.1	23.4
4H	22.1	23.4	22.4	23.7	23.9	22.0	23.4	22.4	23.6	23.9
6H	22.4	23.6	22.8	23.9	24.2	22.4	23.6	22.7	23.9	24.2
8H	22.5	23.7	22.8	24.0	24.3	22.5	23.6	22.8	24.0	24.3
12H	22.5	23.6	22.9	24.0	24.3	22.5	23.6	22.8	23.9	24.3
4H 2H	20.6	21.9	21.0	22.2	22.5	20.6	21.9	21.0	22.2	22.5
3H	22.3	23.4	22.7	23.8	24.1	22.3	23.4	22.6	23.7	24.1
4H	22.9	24.0	23.3	24.3	24.7	22.9	24.0	23.3	24.3	24.7
6H	23.4	24.3	23.8	24.7	25.1	23.4	24.3	23.8	24.7	25.1
8H	23.5	24.4	23.9	24.8	25.2	23.5	24.3	23.9	24.7	25.2
12H	23.6	24.3	24.0	24.8	25.2	23.5	24.3	24.0	24.7	25.2
8H 4H	23.2	24.0	23.6	24.4	24.8	23.2	24.0	23.6	24.4	24.8
6H	23.7	24.5	24.2	24.9	25.3	23.7	24.4	24.2	24.9	25.3
8H	23.9	24.5	24.4	25.0	25.5	23.9	24.5	24.4	25.0	25.5
12H	24.0	24.6	24.5	25.0	25.5	24.0	24.5	24.5	25.0	25.5
12H 4H	23.2	24.0	23.6	24.4	24.8	23.2	23.9	23.6	24.4	24.8
6H	23.8	24.4	24.3	24.9	25.3	23.8	24.4	24.2	24.8	25.3
8H	24.0	24.5	24.5	25.0	25.5	24.0	24.5	24.5	25.0	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1716 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.9)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

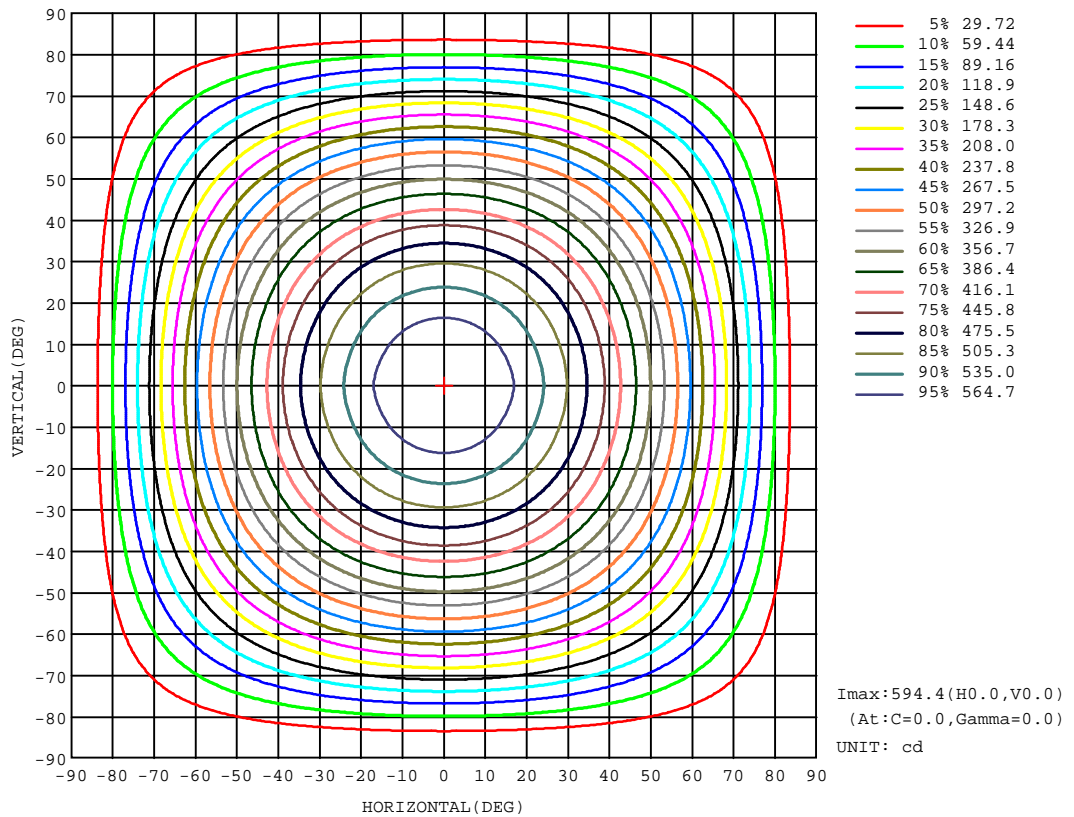
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	92	86	82	73
3.00	102	95	90	100	93	88	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	100	106	102	98	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: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:



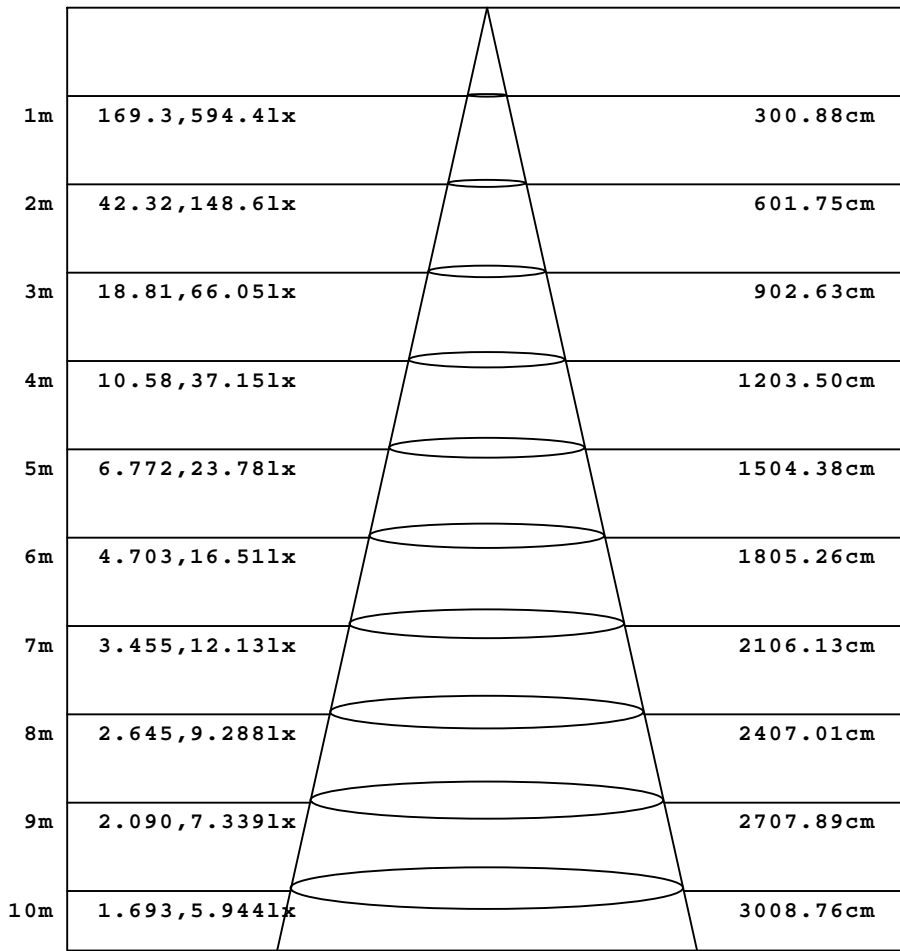
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

Flux out:1261 lm



Height Eavg, Emax Angle:112.77deg Diameter

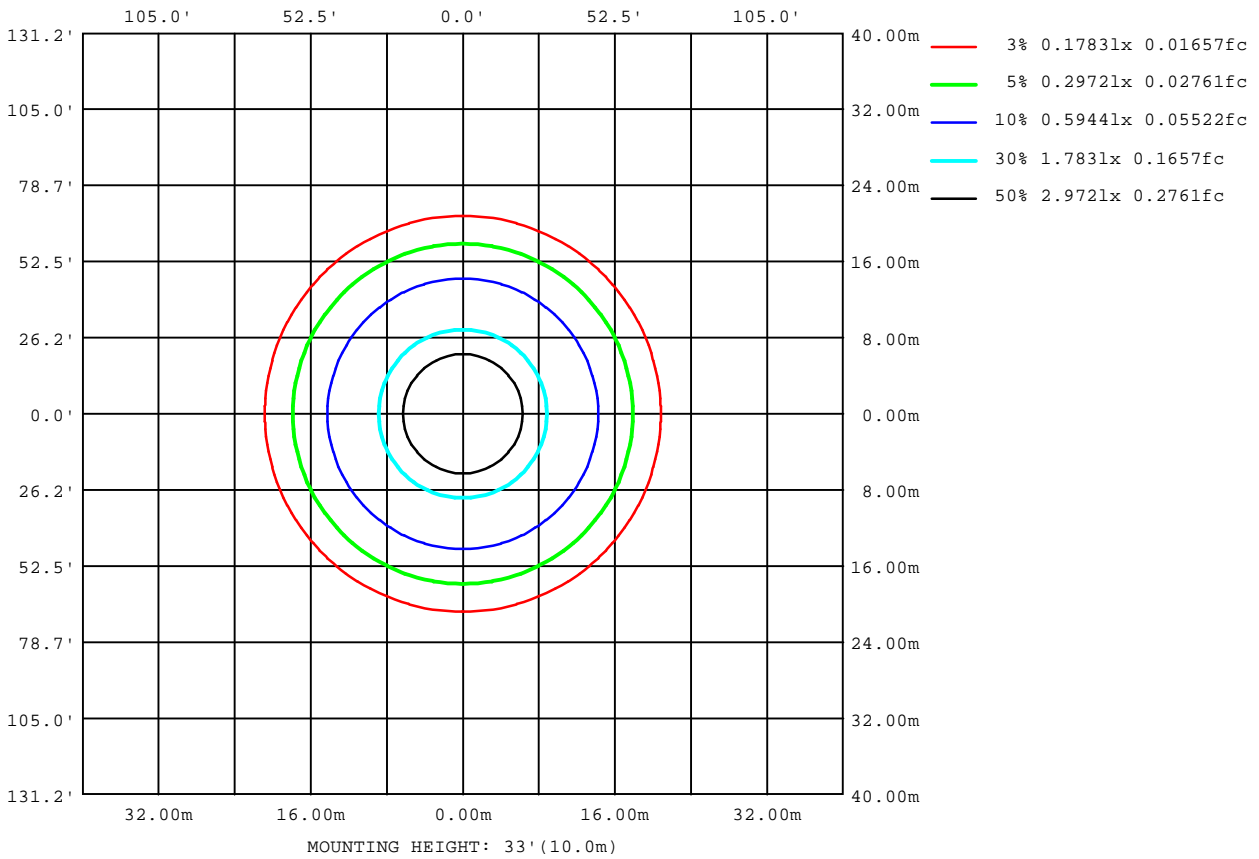
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

Angle Range: 0 - 180DEG
 Angle Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

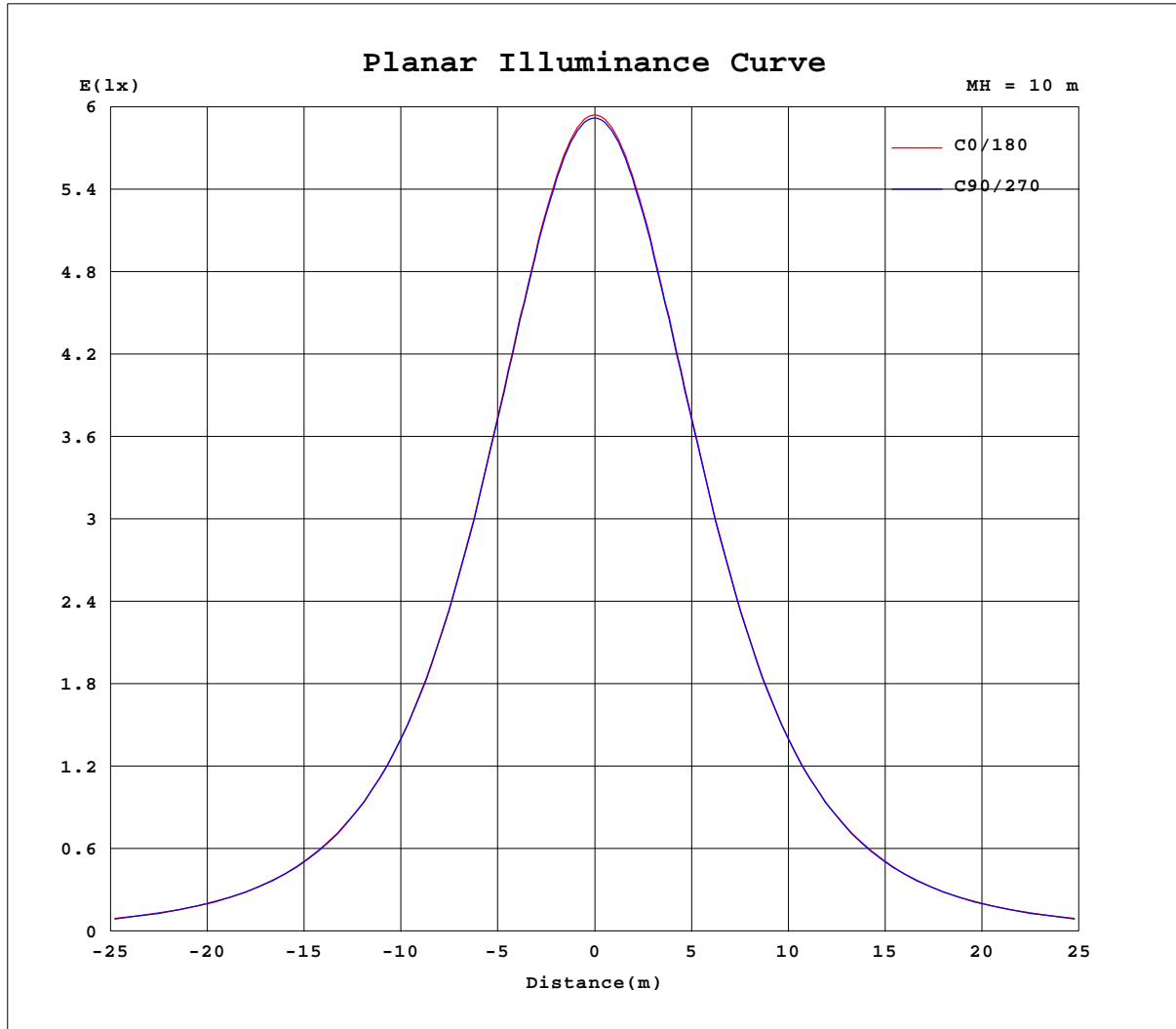
AvgL	cd/m2
L_0~180(65)av	7422
L_0~180(75)av	6164
L_0~180(85)av	3445
L_90~270(65)av	7390
L_90~270(75)av	6137
L_90~270(85)av	3288
L_45(65)av	7392
L_45(75)av	6143
L_45(85)av	3367

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 27 January 2021

Log Range: 0 - 180DEG
Log Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.890m [K=1.0000]
Remarks:

EVERFINE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.00V I:0.0800A P:17.500W PF:0.9510 Freq:50.00Hz Lamp Flux:1716.08x1 lm		
NAME: O18W 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:295MM	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	594	592	592	592	592	592	592	592	594	592	592	592	592	592	592	592			
5	592	590	590	590	590	590	590	590	592	590	590	590	590	590	590	590			
10	584	582	582	582	582	582	582	582	584	582	582	582	582	582	582	582			
15	571	569	569	569	569	569	569	569	571	569	569	569	569	569	569	569			
20	553	551	551	551	551	551	551	551	553	551	551	551	551	551	551	551			
25	531	529	529	529	529	529	529	529	531	529	529	529	529	529	529	529			
30	504	502	502	502	502	502	502	502	504	502	502	502	502	502	502	502			
35	473	471	471	471	471	471	471	471	473	471	471	471	471	471	471	471			
40	437	436	436	436	435	436	436	436	437	436	436	436	435	436	436	436			
45	398	397	397	397	397	397	397	397	398	397	397	397	397	397	397	397			
50	356	355	355	355	355	355	355	355	356	355	355	355	355	355	355	355			
55	311	310	310	310	310	310	310	310	311	310	310	310	310	310	310	310			
60	264	263	263	262	263	262	263	263	264	263	263	262	263	262	263	263			
65	213	212	212	212	212	212	212	212	213	212	212	212	212	212	212	212			
70	161	160	160	160	160	160	160	160	161	160	160	160	160	160	160	160			
75	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108			
80	59.7	59.5	59.3	59.0	58.9	59.0	59.3	59.5	59.7	59.5	59.3	59.0	58.9	59.0	59.3	59.5			
85	20.4	20.3	20.0	19.6	19.5	19.6	20.0	20.3	20.4	20.3	20.0	19.6	19.5	19.6	20.0	20.3			
90	1.90	1.92	1.69	1.49	1.40	1.49	1.69	1.92	1.90	1.92	1.69	1.49	1.40	1.49	1.69	1.92			
95	1.70	1.68	1.68	1.67	1.68	1.67	1.68	1.68	1.70	1.68	1.68	1.67	1.68	1.67	1.68	1.68			
100	2.12	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.12	2.10	2.10	2.10	2.10	2.10	2.10	2.10			
105	2.56	2.55	2.55	2.55	2.56	2.55	2.55	2.55	2.56	2.55	2.55	2.55	2.56	2.55	2.55	2.55			
110	3.02	3.00	3.01	3.02	3.03	3.02	3.01	3.00	3.02	3.00	3.01	3.02	3.03	3.02	3.01	3.00			
115	3.51	3.49	3.50	3.51	3.52	3.51	3.50	3.49	3.51	3.49	3.50	3.51	3.52	3.51	3.50	3.49			
120	4.00	3.99	4.00	4.02	4.03	4.02	4.00	3.99	4.00	3.99	4.00	4.02	4.03	4.02	4.00	3.99			
125	4.50	4.51	4.53	4.54	4.56	4.54	4.53	4.51	4.50	4.51	4.53	4.54	4.56	4.54	4.53	4.51			
130	5.04	5.04	5.07	5.09	5.10	5.09	5.07	5.04	5.04	5.04	5.07	5.09	5.10	5.09	5.07	5.04			
135	5.56	5.59	5.62	5.64	5.67	5.64	5.62	5.59	5.56	5.59	5.62	5.64	5.67	5.64	5.62	5.59			
140	6.08	6.13	6.13	6.17	6.20	6.17	6.13	6.13	6.08	6.13	6.13	6.17	6.20	6.17	6.13	6.13			
145	6.58	6.64	6.63	6.68	6.72	6.68	6.63	6.64	6.58	6.64	6.63	6.68	6.72	6.68	6.63	6.64			
150	7.07	7.13	7.11	7.17	7.22	7.17	7.11	7.13	7.07	7.13	7.11	7.17	7.22	7.17	7.11	7.13			
155	7.55	7.58	7.56	7.64	7.69	7.64	7.56	7.58	7.55	7.58	7.56	7.64	7.69	7.64	7.56	7.58			
160	8.06	8.00	7.97	8.07	8.14	8.07	7.97	8.00	8.06	8.00	7.97	8.07	8.14	8.07	7.97	8.00			
165	8.64	8.43	8.38	8.49	8.56	8.49	8.38	8.43	8.64	8.43	8.38	8.49	8.56	8.49	8.38	8.43			
170	9.13	8.93	8.83	8.85	8.90	8.85	8.83	8.93	9.13	8.93	8.83	8.85	8.90	8.85	8.83	8.93			
175	9.23	9.08	9.02	8.99	9.00	8.99	9.02	9.08	9.23	9.08	9.02	8.99	9.00	8.99	9.02	9.08			
180	9.18	9.06	9.03	9.01	8.99	9.01	9.03	9.06	9.18	9.06	9.03	9.01	8.99	9.01	9.03	9.06			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks:

EVERFINE

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	594.4	592.3	592.2	592.1	592.2	592.1	592.2	592.3	594.4	592.3
3.0	593.6	591.4	591.4	591.3	591.3	591.3	591.4	591.4	593.6	591.4
6.0	590.7	588.7	588.7	588.4	588.5	588.4	588.7	588.7	590.7	588.7
9.0	586.1	584.0	584.0	583.8	583.9	583.8	584.0	584.0	586.1	584.0
12.0	579.6	577.5	577.4	577.3	577.4	577.3	577.4	577.5	579.6	577.5
15.0	571.3	569.1	569.1	569.0	569.0	569.0	569.1	569.1	571.3	569.1
18.0	561.1	559.1	559.1	559.0	559.0	559.0	559.1	559.1	561.1	559.1
21.0	549.3	547.3	547.3	547.2	547.2	547.2	547.3	547.3	549.3	547.3
24.0	535.8	533.8	533.8	533.7	533.8	533.7	533.8	533.8	535.8	533.8
27.0	520.7	518.9	518.9	518.7	518.7	518.7	518.9	518.9	520.7	518.9
30.0	504.1	502.3	502.3	502.1	502.2	502.1	502.3	502.3	504.1	502.3
33.0	486.0	484.3	484.2	484.2	484.1	484.2	484.2	484.3	486.0	484.3
36.0	466.4	464.8	464.8	464.7	464.6	464.7	464.8	464.8	466.4	464.8
39.0	445.0	443.5	443.8	443.7	443.3	443.7	443.8	443.5	445.0	443.5
42.0	421.7	420.0	420.1	420.0	420.0	420.0	420.1	420.0	421.7	420.0
45.0	398.2	396.8	396.7	396.7	396.7	396.7	396.7	396.8	398.2	396.8
48.0	373.5	372.2	372.1	372.1	372.1	372.1	372.1	372.2	373.5	372.2
51.0	347.7	346.4	346.4	346.3	346.3	346.3	346.4	346.4	347.7	346.4
54.0	320.7	319.4	319.5	319.4	319.4	319.4	319.5	319.4	320.7	319.4
57.0	292.6	291.5	291.5	291.4	291.4	291.4	291.5	291.5	292.6	291.5
60.0	263.5	262.6	262.5	262.5	262.6	262.5	262.5	262.6	263.5	262.6
63.0	233.7	232.8	232.8	232.7	232.8	232.7	232.8	232.8	233.7	232.8
66.0	203.0	202.1	202.1	202.1	202.2	202.1	202.1	202.1	203.0	202.1
69.0	171.1	170.4	170.4	170.2	170.2	170.2	170.4	170.4	171.1	170.4
72.0	139.5	139.1	139.0	139.1	139.0	139.1	139.0	139.1	139.5	139.1
75.0	108.5	108.2	108.1	108.1	108.0	108.1	108.2	108.2	108.5	108.2
78.0	78.55	78.25	78.20	78.03	77.86	78.03	78.20	78.25	78.55	78.25
81.0	50.73	50.60	50.38	50.09	49.92	50.09	50.38	50.60	50.73	50.60
84.0	27.04	26.90	26.58	26.22	26.10	26.22	26.58	26.90	27.04	26.90
87.0	9.751	9.704	9.333	8.990	8.869	8.990	9.333	9.704	9.751	9.704
90.0	1.901	1.916	1.694	1.493	1.403	1.493	1.694	1.916	1.901	1.916
93.0	1.527	1.520	1.522	1.514	1.520	1.514	1.522	1.520	1.527	1.520
96.0	1.772	1.762	1.762	1.752	1.753	1.752	1.762	1.762	1.772	1.762
99.0	2.026	2.013	2.017	2.013	2.012	2.013	2.017	2.013	2.026	2.013
102.0	2.296	2.286	2.285	2.283	2.292	2.283	2.285	2.286	2.296	2.286
105.0	2.564	2.548	2.552	2.554	2.560	2.554	2.552	2.548	2.564	2.548
108.0	2.834	2.821	2.820	2.819	2.830	2.819	2.820	2.821	2.834	2.821
111.0	3.117	3.103	3.103	3.111	3.132	3.111	3.103	3.103	3.117	3.103
114.0	3.410	3.386	3.400	3.405	3.426	3.405	3.386	3.400	3.410	3.386
117.0	3.696	3.684	3.695	3.712	3.730	3.712	3.695	3.684	3.696	3.684
120.0	3.997	3.987	4.005	4.017	4.031	4.017	4.005	3.987	3.997	3.987
123.0	4.302	4.301	4.319	4.333	4.351	4.333	4.319	4.301	4.302	4.301
126.0	4.610	4.622	4.638	4.649	4.664	4.649	4.638	4.622	4.610	4.622
129.0	4.932	4.939	4.962	4.981	4.989	4.981	4.962	4.939	4.932	4.939
132.0	5.250	5.264	5.292	5.315	5.326	5.315	5.292	5.264	5.250	5.264
135.0	5.562	5.592	5.616	5.639	5.665	5.639	5.592	5.562	5.562	5.592
138.0	5.870	5.911	5.929	5.962	5.996	5.962	5.929	5.911	5.870	5.911
141.0	6.182	6.230	6.236	6.274	6.301	6.274	6.236	6.230	6.182	6.230
144.0	6.476	6.541	6.539	6.577	6.617	6.577	6.539	6.541	6.476	6.541
147.0	6.774	6.838	6.826	6.876	6.929	6.876	6.826	6.838	6.774	6.838
150.0	7.073	7.132	7.114	7.173	7.219	7.173	7.132	7.073	7.073	7.132
153.0	7.352	7.400	7.387	7.455	7.501	7.455	7.387	7.400	7.352	7.400
156.0	7.642	7.668	7.649	7.722	7.779	7.722	7.649	7.668	7.642	7.668
159.0	7.955	7.918	7.890	7.981	8.049	7.981	7.890	7.918	7.955	7.918
162.0	8.294	8.162	8.131	8.238	8.305	8.238	8.131	8.162	8.294	8.162
165.0	8.640	8.431	8.381	8.486	8.560	8.486	8.381	8.431	8.640	8.431
168.0	8.960	8.722	8.657	8.724	8.781	8.724	8.657	8.722	8.960	8.722
171.0	9.173	8.994	8.912	8.899	8.937	8.899	8.912	8.994	9.173	8.994
174.0	9.234	9.089	9.021	8.990	8.998	8.990	9.021	9.089	9.234	9.089
177.0	9.188	9.065	9.017	8.989	8.994	8.989	9.017	9.065	9.188	9.065
180.0	9.185	9.061	9.028	9.008	8.994	9.008	9.061	9.185	9.185	9.061
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	592.2	592.1	592.2	592.1	592.2	592.3				
3.0	591.4	591.3	591.3	591.3	591.4	591.4				
6.0	588.7	588.4	588.5	588.4	588.7	588.7				
9.0	584.0	583.8	583.9	583.8	584.0	584.0				
12.0	577.4	577.3	577.4	577.3	577.4	577.5				
15.0	569.1	569.0	568.9	569.0	569.1	569.1				
18.0	559.1	559.0	559.0	559.0	559.1	559.1				
21.0	547.3	547.2	547.2	547.2	547.3	547.3				
24.0	533.8	533.7	533.8	533.7	533.8	533.8				
27.0	518.9	518.7	518.7	518.7	518.9	518.9				
30.0	502.3	502.1	502.2	502.1	502.3	502.3				

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: DAMIN

Test Date: 27 January 2021

Range: 0 - 180DEG

Interval: 1.0DEG

Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366

Humidity: 65.0%

Test Distance: 10.890m [K=1.0000]

Remarks:

EVERFINE

Photometric Data Table [cd]

33.0	484.2	484.2	484.1	484.2	484.2	484.3
36.0	464.8	464.7	464.6	464.7	464.8	464.8
39.0	443.8	443.7	443.3	443.7	443.8	443.5
42.0	420.1	420.0	420.0	420.0	420.1	420.0
45.0	396.7	396.7	396.7	396.7	396.7	396.8
48.0	372.1	372.1	372.1	372.1	372.1	372.2
51.0	346.4	346.3	346.3	346.3	346.4	346.4
54.0	319.5	319.4	319.4	319.4	319.5	319.4
57.0	291.5	291.4	291.4	291.4	291.5	291.5
60.0	262.5	262.5	262.6	262.5	262.5	262.6
63.0	232.8	232.7	232.8	232.7	232.8	232.8
66.0	202.1	202.1	202.2	202.1	202.1	202.1
69.0	170.4	170.2	170.2	170.2	170.4	170.4
72.0	139.0	139.1	139.0	139.1	139.0	139.1
75.0	108.1	108.1	108.0	108.1	108.1	108.2
78.0	78.20	78.03	77.86	78.03	78.20	78.25
81.0	50.38	50.09	49.92	50.09	50.38	50.60
84.0	26.58	26.22	26.10	26.22	26.58	26.90
87.0	9.333	8.990	8.869	8.990	9.333	9.704
90.0	1.694	1.493	1.403	1.493	1.694	1.916
93.0	1.522	1.514	1.520	1.514	1.522	1.520
96.0	1.762	1.752	1.753	1.752	1.762	1.762
99.0	2.017	2.013	2.012	2.013	2.017	2.013
102.0	2.285	2.283	2.292	2.283	2.285	2.286
105.0	2.552	2.554	2.560	2.554	2.552	2.548
108.0	2.820	2.819	2.830	2.819	2.820	2.821
111.0	3.103	3.111	3.132	3.111	3.103	3.103
114.0	3.400	3.405	3.426	3.405	3.400	3.386
117.0	3.695	3.712	3.730	3.712	3.695	3.684
120.0	4.005	4.017	4.031	4.017	4.005	3.987
123.0	4.319	4.333	4.351	4.333	4.319	4.301
126.0	4.638	4.649	4.664	4.649	4.638	4.622
129.0	4.962	4.981	4.989	4.981	4.962	4.939
132.0	5.292	5.315	5.326	5.315	5.292	5.264
135.0	5.616	5.639	5.665	5.639	5.616	5.592
138.0	5.929	5.962	5.996	5.962	5.929	5.911
141.0	6.236	6.274	6.301	6.274	6.236	6.230
144.0	6.539	6.577	6.617	6.577	6.539	6.541
147.0	6.826	6.876	6.929	6.876	6.826	6.838
150.0	7.114	7.173	7.219	7.173	7.114	7.132
153.0	7.387	7.455	7.501	7.455	7.387	7.400
156.0	7.649	7.722	7.779	7.722	7.649	7.668
159.0	7.890	7.981	8.049	7.981	7.890	7.918
162.0	8.131	8.238	8.305	8.238	8.131	8.162
165.0	8.381	8.486	8.560	8.486	8.381	8.431
168.0	8.657	8.724	8.781	8.724	8.657	8.722
171.0	8.912	8.899	8.937	8.899	8.912	8.994
174.0	9.021	8.990	8.998	8.990	9.021	9.089
177.0	9.017	8.989	8.994	8.989	9.017	9.065
180.0	9.028	9.008	8.994	9.008	9.028	9.061

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:27 January 2021

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.890m [K=1.0000]
 Remarks: