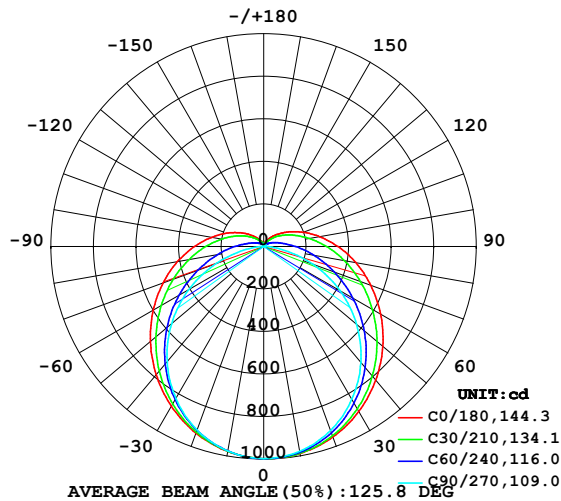


LUMINAIRE PHOTOMETRIC TEST REPORT

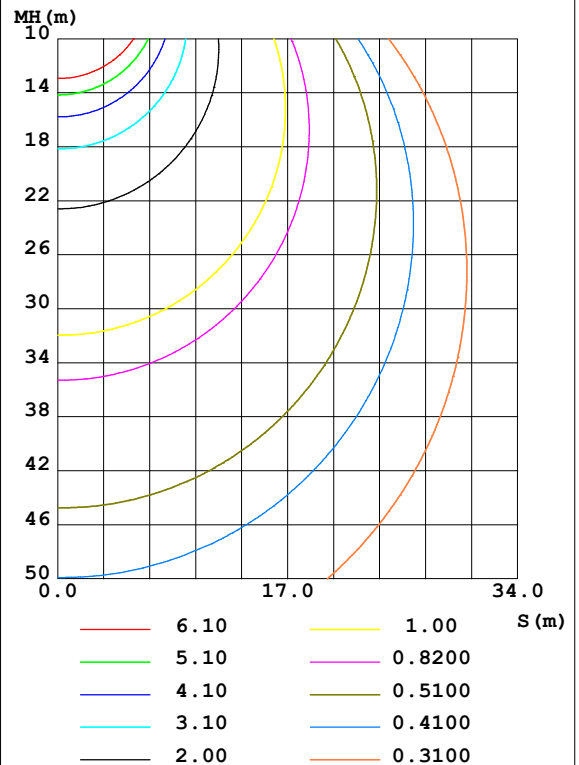
Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.36 lm/W			
MODEL		I _{max} (cd)	999.1	S/MH (C0/180)	1.30
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE(V)	230	TOTAL FLUX (lm)	3918.0	η UP,DN (C0-180)	6.4,43.9
NOMINAL FLUX(lm)	3917.98	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	6.3,43.4
LAMPS INSIDE	1	η up (%)	12.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	87.2	CIBSE SHR MAX	1.50

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: QC
Test Date: 27 August 2016

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.500m [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	988.1	985.6	978.3	977.4	978.4	976.5	976.8	983.0	0- 10	94.41	94.41	2.41,2.41
20	953.5	940.8	920.5	925.5	933.5	922.7	917.6	937.2	10- 20	271.0	365.4	9.33,9.33
30	895.7	866.8	829.4	844.7	868.2	842.9	826.0	861.9	20- 30	413.3	778.7	19.9,19.9
40	819.7	770.1	711.4	743.8	786.8	740.8	706.0	763.6	30- 40	505.5	1284	32.8,32.8
50	731.1	659.1	570.7	629.4	695.1	626.0	565.3	651.3	40- 50	540.4	1825	46.6,46.6
60	634.5	541.6	413.7	510.5	599.8	508.5	407.4	533.3	50- 60	519.9	2345	59.8,59.8
70	536.4	427.0	248.1	395.6	503.8	396.4	240.4	418.3	60- 70	453.6	2798	71.4,71.4
80	439.9	320.2	89.65	294.7	412.3	295.9	84.18	313.6	70- 80	359.1	3157	80.6,80.6
90	349.2	231.4	1.529	210.6	325.5	212.9	2.485	225.8	80- 90	261.1	3418	87.2,87.2
100	268.4	161.3	2.294	145.1	249.9	147.1	3.447	155.9	90-100	183.8	3602	91.9,91.9
110	197.5	109.2	3.473	97.02	184.8	99.34	4.782	98.22	100-110	125.9	3728	95.2,95.2
120	138.8	70.75	4.750	63.64	130.7	65.92	6.142	66.93	110-120	82.05	3810	97.2,97.2
130	93.17	41.93	6.091	41.66	87.67	43.74	7.497	39.96	120-130	50.30	3860	98.5,98.5
140	59.28	25.86	7.515	27.65	55.60	29.40	8.718	25.15	130-140	28.84	3889	99.3,99.3
150	36.04	17.52	9.101	19.28	32.53	20.58	10.05	17.51	140-150	15.66	3905	99.7,99.7
160	22.06	14.06	10.67	14.53	19.50	15.38	11.29	14.20	150-160	8.061	3913	99.9,99.9
170	14.56	12.66	11.73	12.56	13.58	12.71	12.04	12.66	160-170	3.879	3917	100,100
180	10.88	12.27	12.40	12.20	10.95	12.23	12.44	12.20	170-180	1.164	3918	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1553.6 lm

%lum = 39.7%

%lamp = 39.7%

Conical surface Flux(120deg): 2344.6 lm

%lum = 59.8%

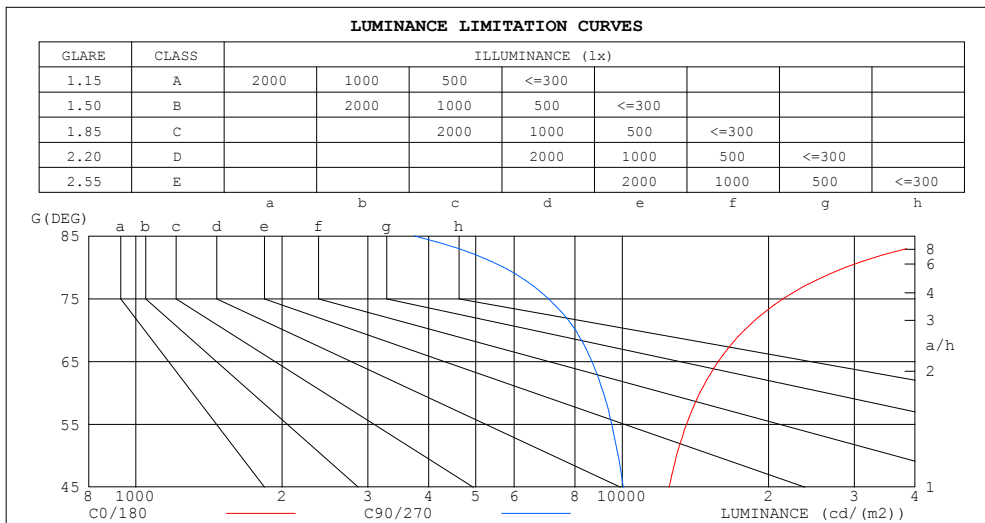
%lamp = 59.8%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC
 Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	51361	3735
80	28812	5707
75	21429	7053
70	17839	8017
65	15757	8671
60	14432	9145
55	13569	9516
50	12937	9814
45	12493	10055

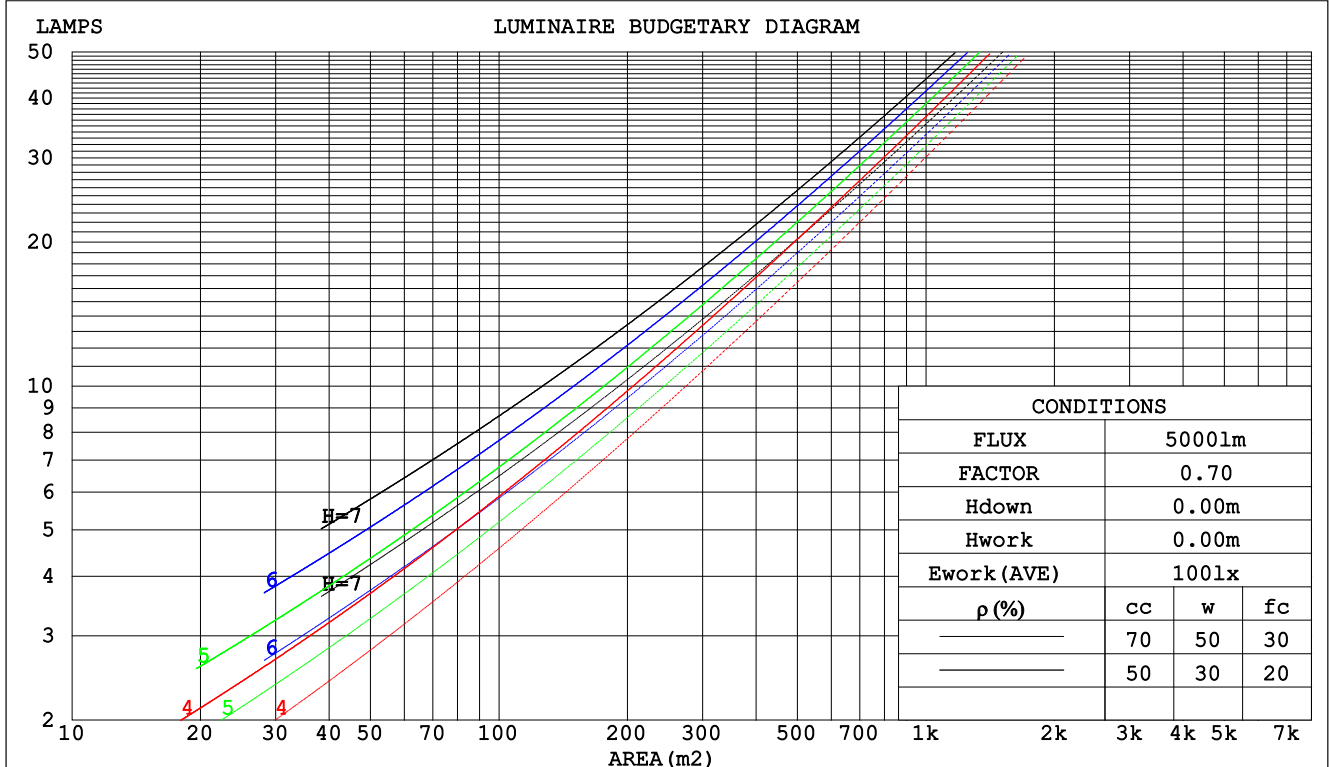
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.98	.92	.88	.94	.89	.85	.87	.83	.80	.81	.78	.75	.75	.73	.71	.68
2.0	.84	.76	.70	.81	.74	.68	.75	.69	.64	.70	.65	.61	.65	.61	.58	.55
3.0	.73	.64	.57	.70	.62	.55	.65	.59	.53	.61	.55	.50	.57	.52	.48	.45
4.0	.64	.55	.48	.62	.53	.47	.58	.50	.44	.54	.48	.43	.50	.45	.41	.38
5.0	.57	.48	.41	.55	.46	.40	.51	.44	.38	.48	.42	.37	.45	.39	.35	.32
6.0	.51	.42	.35	.49	.41	.34	.46	.39	.33	.43	.37	.32	.41	.35	.31	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.35	.29	.39	.33	.28	.37	.31	.27	.25
8.0	.42	.33	.27	.41	.33	.27	.38	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.22	.20
10.0	.35	.27	.22	.34	.27	.22	.33	.26	.21	.31	.25	.20	.29	.24	.20	.18



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:QC

Test Date:27 August 2016

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.500m [K=1.0000]

Remarks:

WEC AND CCEC

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	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	.373	.212	.067	.362	.207	.066	.341	.196	.063	.322	.186	.060	.305	.177	.057		
2.0	.327	.179	.055	.317	.175	.054	.298	.166	.051	.281	.158	.049	.265	.150	.047		
3.0	.292	.155	.047	.283	.152	.046	.266	.144	.044	.251	.137	.042	.236	.131	.040		
4.0	.264	.137	.040	.256	.134	.040	.241	.128	.038	.226	.122	.037	.213	.116	.035		
5.0	.241	.123	.036	.233	.120	.035	.219	.114	.034	.207	.109	.032	.195	.104	.031		
6.0	.221	.111	.032	.214	.108	.031	.202	.103	.030	.190	.099	.029	.179	.094	.028		
7.0	.204	.101	.029	.198	.099	.028	.187	.094	.027	.176	.090	.026	.166	.086	.025		
8.0	.189	.093	.026	.184	.091	.026	.174	.087	.025	.164	.083	.024	.155	.079	.023		
9.0	.177	.085	.024	.172	.084	.023	.162	.080	.023	.153	.077	.022	.145	.073	.021		
10.0	.165	.079	.022	.161	.078	.022	.152	.075	.021	.144	.071	.020	.136	.068	.020		

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	.288	.288	.288	.246	.246	.246	.168	.168	.168	.096	.096	.096	.031	.031	.031	
1.0	.283	.254	.227	.242	.218	.196	.165	.150	.135	.095	.087	.079	.030	.028	.025	
2.0	.276	.230	.192	.236	.198	.166	.162	.137	.116	.093	.080	.068	.030	.026	.022	
3.0	.268	.214	.170	.230	.184	.148	.158	.128	.104	.091	.075	.061	.029	.024	.020	
4.0	.260	.201	.156	.223	.174	.135	.153	.121	.095	.089	.071	.056	.029	.023	.019	
5.0	.252	.191	.146	.217	.165	.127	.149	.115	.089	.086	.068	.053	.028	.022	.017	
6.0	.245	.183	.138	.211	.158	.120	.145	.111	.085	.084	.065	.051	.027	.021	.017	
7.0	.238	.176	.133	.205	.153	.116	.141	.107	.082	.082	.063	.049	.027	.021	.016	
8.0	.231	.171	.129	.199	.148	.112	.138	.104	.080	.080	.061	.048	.026	.020	.016	
9.0	.225	.166	.126	.194	.144	.110	.134	.101	.078	.078	.060	.046	.025	.020	.015	
10.0	.219	.162	.123	.189	.140	.108	.131	.099	.076	.076	.058	.046	.025	.019	.015	

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:QC

Test Date:27 August 2016

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.500m [K=1.0000]

Remarks:

UGR(Unified Glare Rating) Table

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm											
NAME: T60G					TYPE:T60G3665K1200-2835R8			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: ERVAN					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	16.8	18.3	17.3	18.7	19.1	14.9	16.4	15.4	16.8	17.2	
	3H	19.4	20.7	19.8	21.1	21.6	16.4	17.7	16.8	18.1	18.6
	4H	20.7	22.0	21.2	22.5	23.0	16.9	18.2	17.4	18.6	19.2
	6H	22.3	23.4	22.8	23.9	24.5	17.3	18.5	17.8	18.9	19.5
	8H	23.1	24.2	23.6	24.7	25.3	17.4	18.5	17.9	19.0	19.6
	12H	24.1	25.2	24.6	25.7	26.3	17.4	18.5	17.9	19.0	19.6
4H	2H	17.4	18.6	17.9	19.1	19.6	16.0	17.2	16.5	17.7	18.2
	3H	20.1	21.2	20.7	21.8	22.3	17.7	18.8	18.2	19.3	19.9
	4H	21.7	22.7	22.3	23.3	23.9	18.4	19.4	19.0	20.0	20.6
	6H	23.5	24.4	24.1	25.0	25.6	19.0	19.9	19.5	20.4	21.1
	8H	24.5	25.3	25.1	25.9	26.5	19.1	20.0	19.7	20.6	21.2
	12H	25.6	26.3	26.2	26.9	27.6	19.2	20.0	19.8	20.6	21.3
8H	4H	22.1	22.9	22.7	23.5	24.1	19.4	20.2	20.0	20.8	21.5
	6H	24.1	24.8	24.7	25.4	26.1	20.3	21.0	21.0	21.7	22.4
	8H	25.3	25.9	25.9	26.6	27.3	20.7	21.3	21.3	22.0	22.7
	12H	26.7	27.2	27.3	27.9	28.6	21.0	21.5	21.6	22.2	22.9
12H	4H	22.1	22.9	22.7	23.5	24.1	19.7	20.5	20.3	21.1	21.8
	6H	24.2	24.9	24.9	25.5	26.2	20.9	21.5	21.5	22.1	22.9
	8H	25.5	26.1	26.2	26.7	27.5	21.4	22.0	22.1	22.6	23.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117, 3918 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.7$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

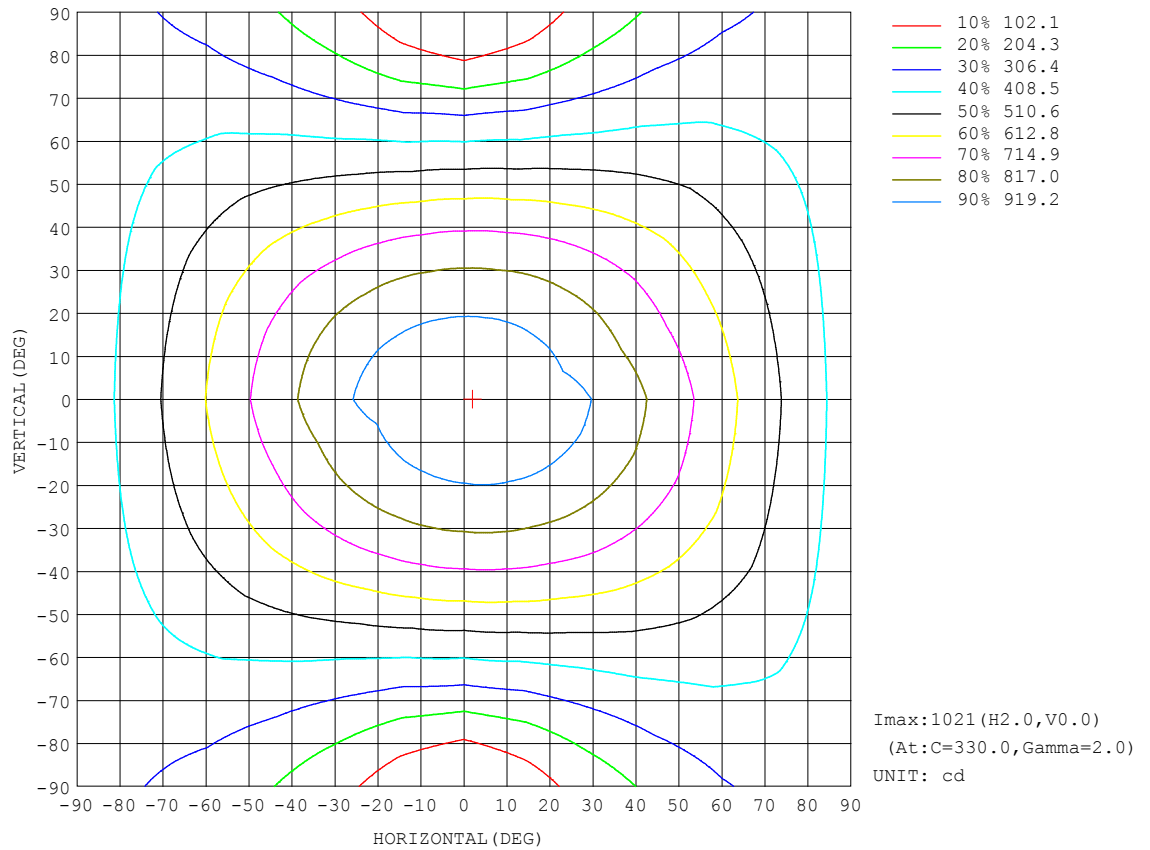
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	31	49	38	31	48	37	30	24
0.80	60	47	39	58	46	39	56	45	38	30
1.00	67	55	47	66	54	46	63	55	45	37
1.25	74	62	54	72	61	53	69	59	52	43
1.50	79	68	59	77	66	59	73	64	57	47
2.00	87	76	68	84	74	67	79	71	64	54
2.50	91	81	74	88	79	72	82	75	69	58
3.00	95	86	79	91	83	77	85	79	74	62
4.00	99	92	85	96	89	83	89	84	79	66
5.00	102	95	90	98	93	87	92	87	83	70
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:QC
Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

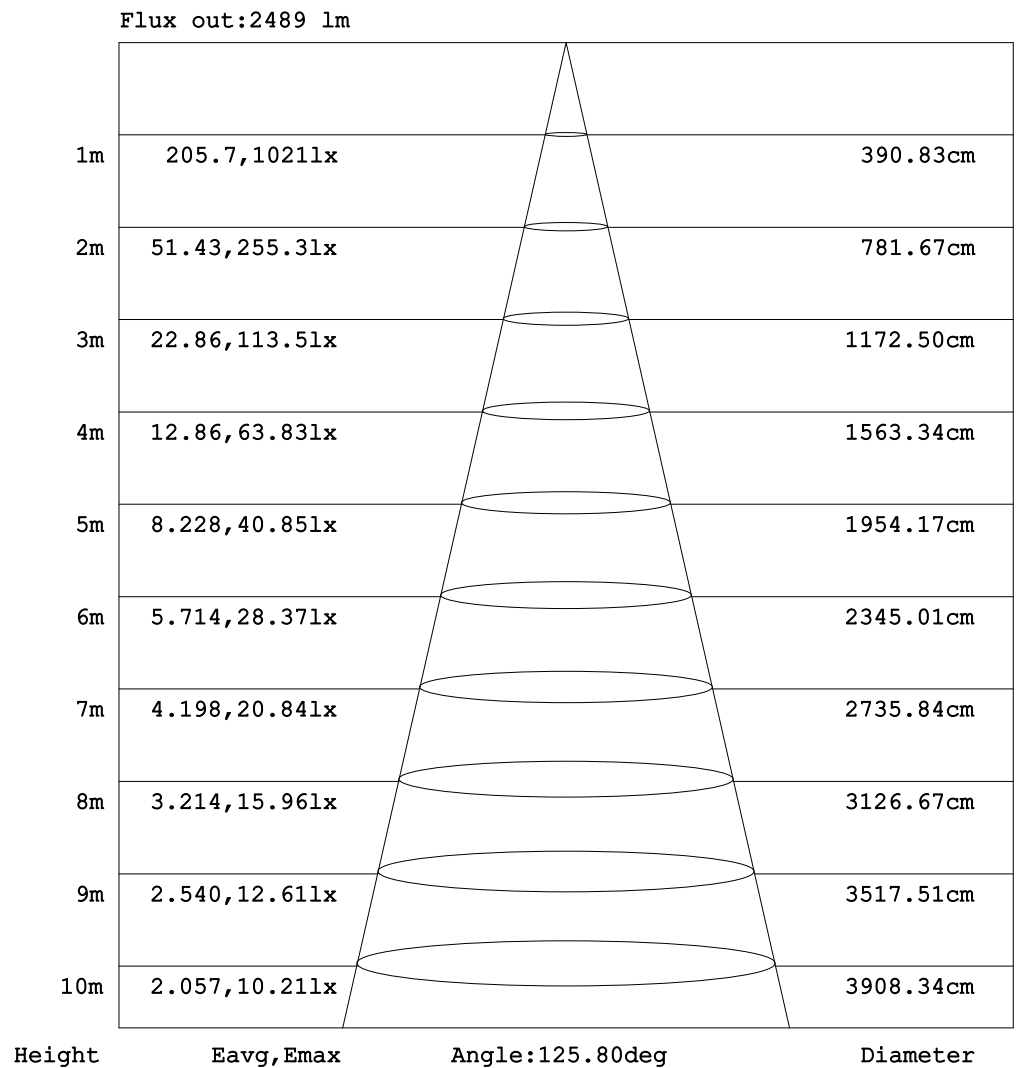


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:27 August 2016

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

AAI Figure

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:



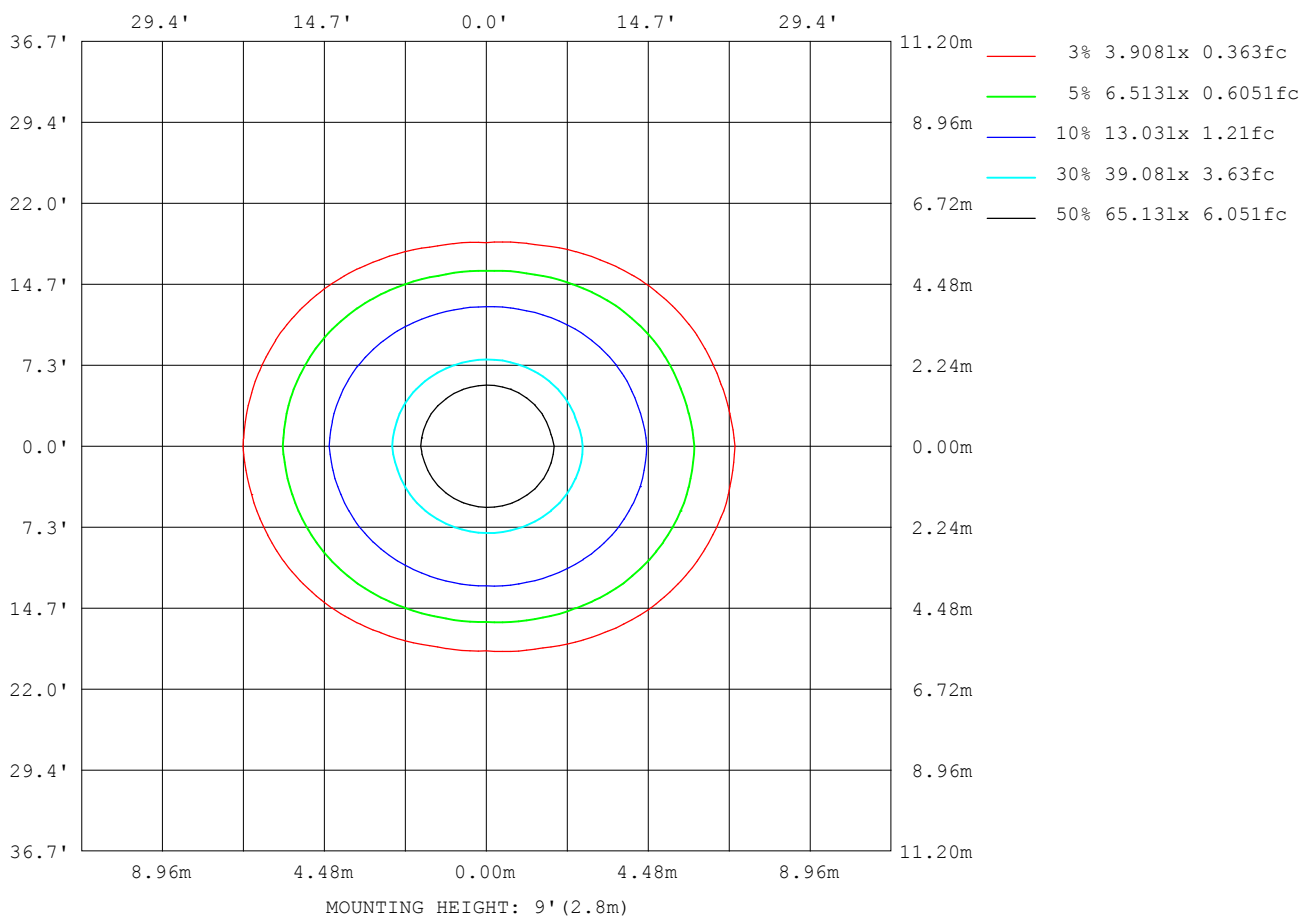
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC
 Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:QC
 Test Date:27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

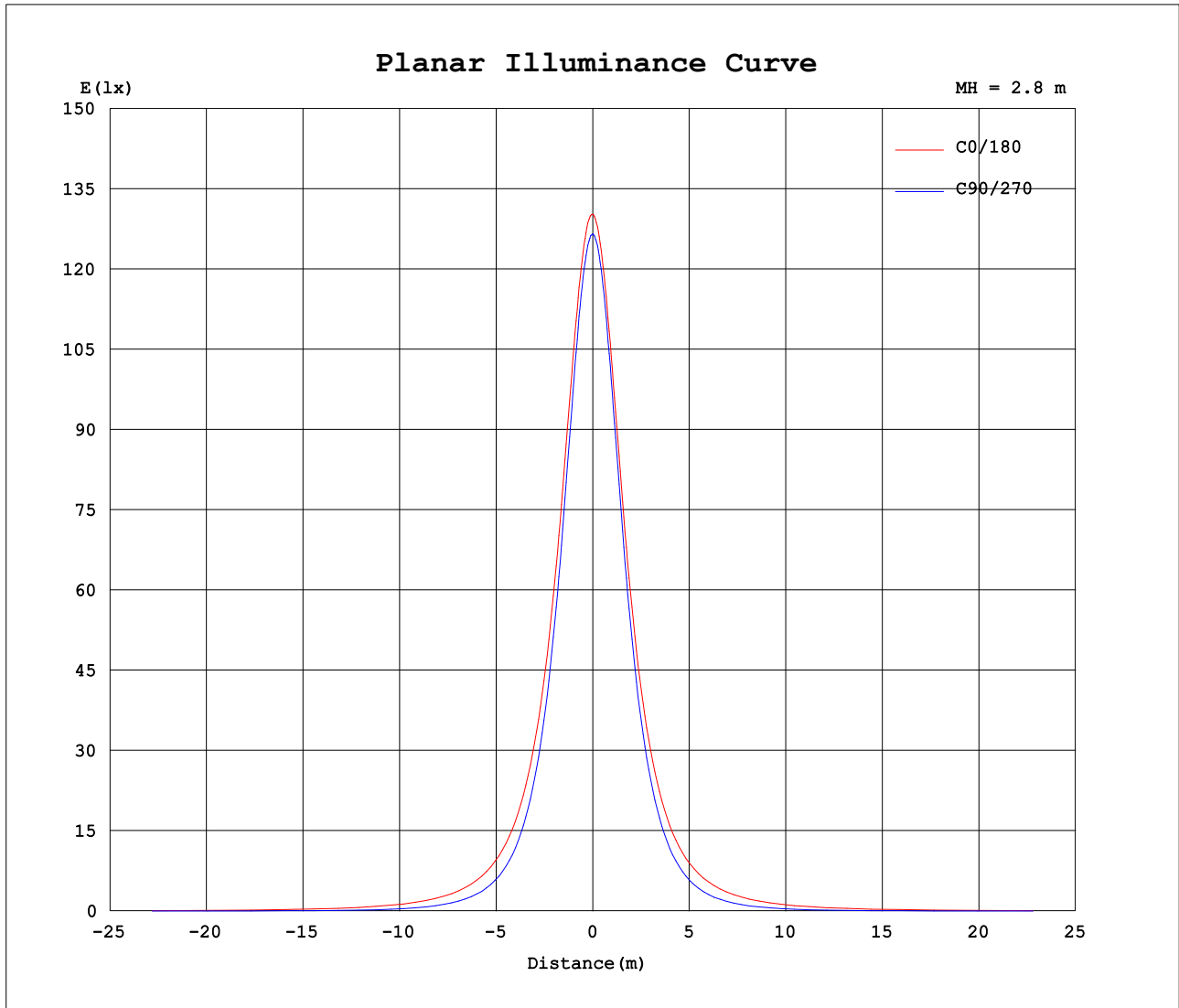
AvgL	cd/m2
L_0~180 (65) av	14943
L_0~180 (75) av	20280
L_0~180 (85) av	48453
L_90~270 (65) av	8610
L_90~270 (75) av	6953
L_90~270 (85) av	3538
L_45 (65) av	12241
L_45 (75) av	15262
L_45 (85) av	33273

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:QC
Test Date:27 August 2016

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: QC
 Test Date: 27 August 2016

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998
5	997	996	996	996	995	994	992	993	992	991	992	991	991	990	993	991	992	992	992
10	988	988	987	986	982	980	978	977	977	977	978	979	978	977	978	977	976	977	977
15	974	974	971	967	962	958	953	953	954	954	958	960	959	957	956	953	952	951	951
20	954	952	947	941	933	926	920	919	922	925	930	935	934	931	929	923	919	917	918
25	927	925	917	907	895	887	880	878	882	888	897	904	903	899	895	885	879	875	876
30	896	893	882	867	850	839	829	830	835	845	857	867	868	863	856	843	832	826	826
35	860	856	841	821	799	783	773	774	782	796	814	827	829	823	812	793	780	770	770
40	820	815	795	770	742	723	711	713	724	744	766	783	787	779	764	741	721	707	706
45	777	771	746	716	682	658	643	646	662	687	715	737	742	732	714	685	659	641	639
50	731	724	696	659	617	588	571	576	597	629	663	689	695	684	662	626	594	570	565
55	684	676	643	601	551	514	494	502	529	570	610	640	647	635	609	568	527	495	488
60	634	626	590	542	484	439	414	426	462	510	557	590	600	586	556	509	460	419	407
65	585	575	537	483	418	359	332	347	395	453	504	540	551	537	504	451	392	342	323
70	536	526	485	427	354	284	248	272	332	396	453	492	504	489	453	396	330	268	240
75	488	476	434	371	294	213	165	200	273	343	404	444	457	442	404	344	271	197	159
80	440	428	385	320	239	149	89.7	137	219	295	357	396	412	396	356	296	219	135	84.2
85	394	380	339	274	190	97.2	29.5	87.0	172	250	313	353	367	353	313	252	174	86.6	26.0
90	349	336	296	231	149	59.6	1.53	51.5	134	211	272	312	325	312	273	213	136	52.7	2.49
95	307	295	256	194	116	36.1	1.82	30.0	103	175	235	273	286	273	236	177	106	32.2	2.89
100	268	256	220	161	90.0	23.9	2.29	19.4	78.9	145	200	237	250	237	202	147	81.9	21.8	3.45
105	232	220	185	133	70.1	17.6	2.85	14.1	60.8	119	169	203	216	204	171	121	63.8	16.3	4.11
110	197	188	156	109	55.2	14.2	3.47	11.4	47.3	97.0	142	173	185	173	144	99.3	50.3	13.5	4.78
115	166	158	130	88.5	42.8	12.1	4.11	10.00	37.4	78.8	118	146	156	146	120	81.1	40.3	12.0	5.47
120	139	132	107	70.8	33.1	10.7	4.75	9.36	30.3	63.6	96.9	121	131	121	99.0	65.9	33.0	11.2	6.14
125	114	109	87.4	54.1	26.0	9.94	5.42	9.10	25.0	51.5	78.9	99.3	108	99.9	80.9	53.7	27.5	11.0	6.82
130	93.2	88.4	67.9	41.9	21.4	9.64	6.09	9.11	21.2	41.7	63.6	80.4	87.7	81.0	65.5	43.7	23.5	10.9	7.50
135	74.8	71.0	52.2	32.6	18.0	9.64	6.80	9.24	18.3	33.8	50.8	64.2	70.3	64.9	52.6	35.7	20.4	11.0	8.14
140	59.3	56.5	39.2	25.9	15.7	9.69	7.52	9.48	16.3	27.7	40.4	50.7	55.6	51.4	42.0	29.4	18.1	11.1	8.72
145	46.4	44.3	29.9	21.0	14.1	9.83	8.27	9.85	14.8	22.9	32.1	39.5	43.2	40.2	33.5	24.4	16.3	11.3	9.34
150	36.0	32.5	23.2	17.5	13.1	10.3	9.10	10.2	13.6	19.3	25.6	30.6	32.5	31.3	26.8	20.6	15.0	11.5	10.05
155	28.1	23.7	18.5	15.2	12.7	10.9	9.93	10.6	12.8	16.5	20.6	23.9	24.5	24.5	21.6	17.6	13.9	11.7	10.7
160	22.1	18.0	15.3	14.1	12.4	11.4	10.7	11.1	12.5	14.5	17.0	18.9	19.5	19.4	17.7	15.4	13.3	11.8	11.3
165	17.8	14.4	13.3	13.1	12.4	11.8	11.2	11.4	12.3	13.3	14.4	15.3	16.0	15.7	14.9	13.9	12.7	11.9	11.7
170	14.6	12.0	12.3	12.7	12.3	12.1	11.7	11.7	12.1	12.6	12.9	12.8	13.6	13.5	13.3	12.7	12.2	12.0	12.0
175	11.0	11.2	12.1	12.4	12.2	12.3	12.1	12.1	12.0	12.0	11.9	11.7	10.9	12.1	12.0	12.1	12.1	12.3	12.3
180	10.9	11.6	12.1	12.3	12.3	12.5	12.4	12.4	12.3	12.2	12.0	11.6	11.0	11.5	12.1	12.2	12.3	12.5	12.4

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:QC

Test Date:27 August 2016

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.500m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.1V I:0.1561A P:34.26W PF:0.9497 Freq:50.00Hz Lamp Flux:3917.98x1 lm		
NAME: T60G	TYPE:T60G3665K1200-2835R8	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERVAN	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	998	998	998	998	998														
5	993	995	994	997	996														
10	979	981	983	987	987														
15	954	960	964	969	972														
20	923	930	937	945	950														
25	881	892	902	915	921														
30	833	847	862	878	888														
35	777	795	815	837	851														
40	716	739	764	791	809														
45	650	677	709	742	764														
50	580	612	651	691	716														
55	505	546	593	638	667														
60	429	478	533	584	617														
65	352	411	475	531	567														
70	276	346	418	479	517														
75	204	286	364	429	468														
80	140	231	314	378	420														
85	89.6	184	268	332	374														
90	53.9	144	226	289	330														
95	32.6	111	188	250	289														
100	22.2	86.1	156	214	251														
105	16.6	66.1	122	181	216														
110	13.9	52.3	98.2	150	183														
115	12.4	41.2	84.7	115	154														
120	11.3	32.2	66.9	97.9	127														
125	10.8	25.3	50.8	83.0	99.3														
130	10.6	21.2	40.0	65.3	78.8														
135	10.6	18.2	31.2	49.8	64.4														
140	10.6	16.1	25.1	37.7	51.9														
145	10.7	14.5	20.7	28.9	41.3														
150	11.2	13.7	17.5	22.9	30.2														
155	11.6	13.3	15.4	18.4	22.5														
160	11.9	12.9	14.2	15.3	17.5														
165	12.1	12.7	13.2	13.4	14.1														
170	12.3	12.5	12.7	12.5	12.0														
175	12.4	12.5	12.4	12.1	11.4														
180	12.4	12.3	12.2	12.0	11.7														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:QC

Test Date:27 August 2016

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.500m [K=1.0000]

Remarks: