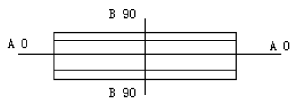
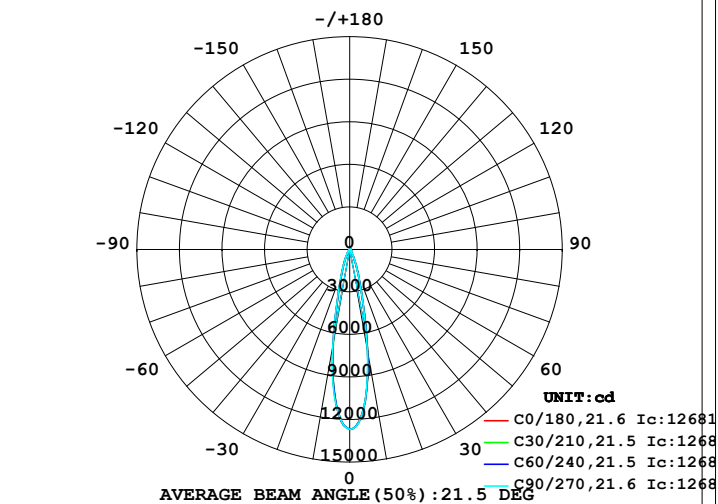


LUMINAIRE PHOTOMETRIC TEST REPORT

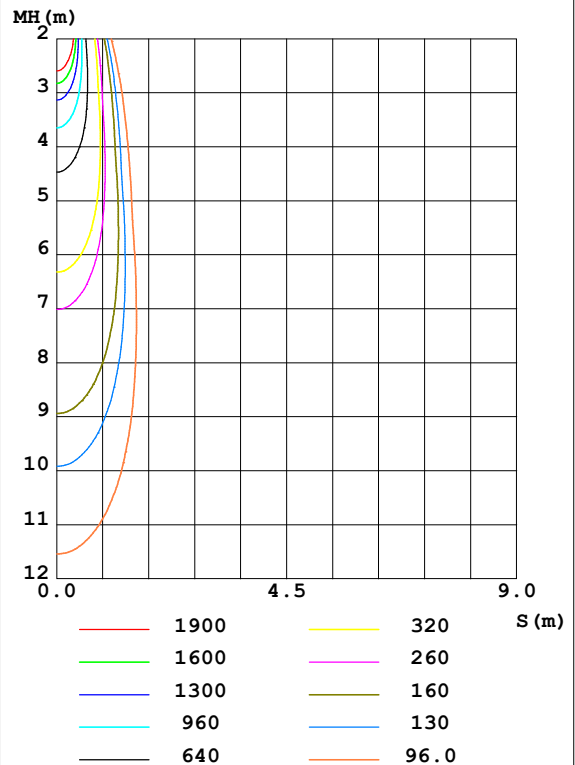
Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.60 lm/W			
MODEL	3000K CRI90	I _{max} (cd)	12681	S/MH(C0/180)	0.36
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2473.3	η UP,DN(C0-180)	0.0,51.2
NOMINAL FLUX(lm)	2473.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	225.2	η down(%)	100.0	CIBSE SHR MAX	1.00

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:AE
 Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [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	729.8	746.5	717.8	706.4	685.4	654.9	696.5	704.5	0- 10	931.0	931.0	37.6, 37.6
20	163.8	169.6	163.5	161.7	154.5	145.4	151.6	155.8	10- 20	941.4	1872	75.7, 75.7
30	42.02	43.36	41.57	41.47	39.77	38.46	40.61	41.27	20- 30	391.1	2264	91.5, 91.5
40	10.65	10.83	10.20	10.07	9.848	9.676	10.39	10.37	30- 40	134.5	2398	97, 97
50	3.287	3.397	3.316	3.270	3.014	2.802	2.931	3.083	40- 50	44.13	2442	98.7, 98.7
60	1.222	1.199	1.094	1.031	0.9687	0.9468	1.169	1.157	50- 60	20.48	2463	99.6, 99.6
70	0.4089	0.4015	0.3841	0.3773	0.3862	0.3946	0.3887	0.4021	60- 70	5.832	2468	99.8, 99.8
80	0.1990	0.1858	0.1949	0.1857	0.1772	0.1860	0.1831	0.1875	70- 80	2.921	2471	99.9, 99.9
90	0.2162	0.2152	0.2174	0.2192	0.1227	0.1242	0.1191	0.1238	80- 90	1.818	2473	100, 100
100	0	0	0	0	0	0	0	0	90-100	0.0930	2473	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	2473	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	2473	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	2473	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	2473	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	2473	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	2473	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	2473	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	2473	100, 100
DEG	LUMINOUS INTENSITY: ×10cd									UNIT: lm		

Conical surface Flux(90deg): 2426 lm

%lum = 98.1%

%lamp = 98.1%

Conical surface Flux(120deg): 2462.6 lm

%lum = 99.6%

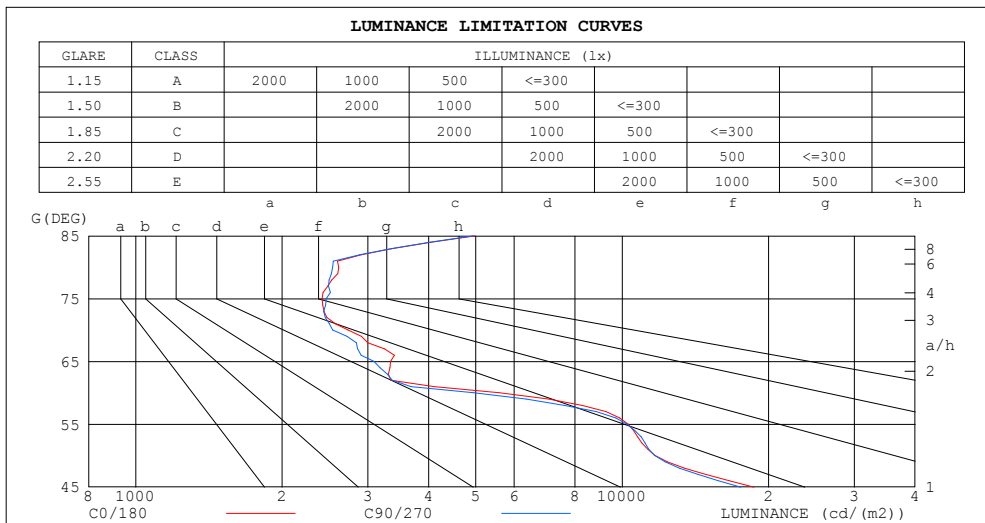
%lamp = 99.6%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: AE
 Test Date: 2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 7.240m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4981	4941
80	2616	2539
75	2416	2464
70	2730	2540
65	3342	3090
60	5582	4948
55	10287	10223
50	11676	11670
45	18654	17530

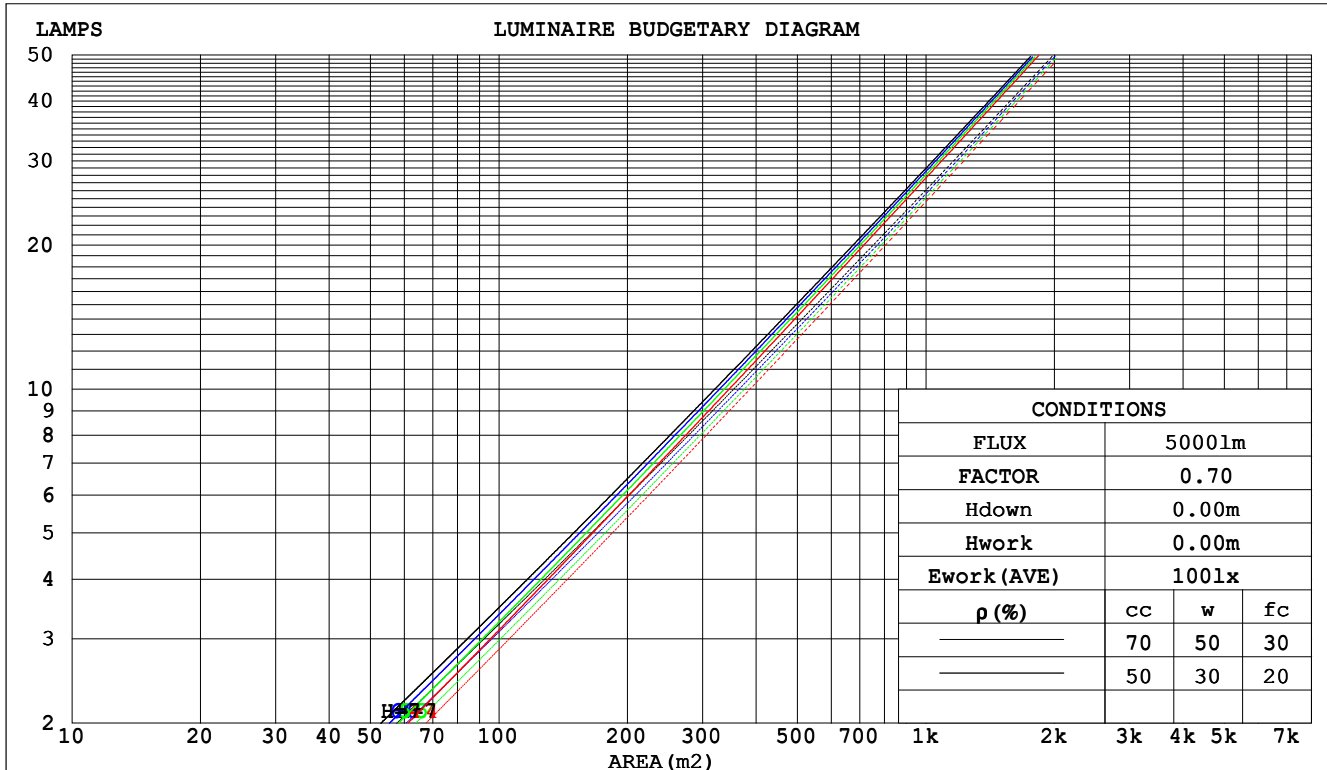
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	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	1.02	1.02	1.02	.00
1.0	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.00	1.02	1.00	.98	.00	.98	.96	.97	.96	.94	.93
3.0	1.02	.99	.96	1.01	.98	.95	.99	.96	.94	.96	.94	.92	.94	.92	.91	.89
4.0	.98	.94	.91	.97	.94	.91	.95	.92	.90	.93	.91	.89	.92	.89	.88	.86
5.0	.95	.90	.87	.94	.90	.87	.92	.89	.86	.91	.88	.85	.89	.87	.85	.84
6.0	.91	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
7.0	.88	.84	.81	.88	.84	.81	.87	.83	.80	.85	.82	.80	.85	.82	.80	.79
8.0	.85	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.78	.82	.79	.77	.76
9.0	.83	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
10.0	.81	.77	.74	.80	.76	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm					
NAME: ALT70-27G30-M			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:60		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	.141	.080	.025	.134	.076	.024	.121	.070	.022	.110	.063	.020	.100	.058	.019	
2.0	.131	.072	.022	.125	.069	.021	.115	.064	.020	.105	.059	.019	.097	.055	.017	
3.0	.122	.065	.019	.117	.063	.019	.109	.059	.018	.101	.055	.017	.093	.052	.016	
4.0	.114	.059	.017	.110	.058	.017	.103	.055	.016	.096	.052	.016	.090	.049	.015	
5.0	.107	.055	.016	.104	.054	.016	.098	.051	.015	.092	.049	.014	.087	.046	.014	
6.0	.102	.051	.015	.099	.050	.014	.094	.048	.014	.089	.046	.014	.084	.044	.013	
7.0	.096	.048	.014	.094	.047	.013	.089	.045	.013	.085	.044	.013	.081	.042	.012	
8.0	.092	.045	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012	.078	.040	.012	
9.0	.088	.042	.012	.086	.042	.012	.082	.041	.012	.079	.039	.011	.076	.038	.011	
10.0	.084	.040	.011	.082	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.065	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.083	.059	.041	.058	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.090	.061	.041	.078	.053	.035	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.073	.048	.031	.050	.034	.022	.029	.020	.013	.010	.007	.004	
10.0	.080	.050	.031	.069	.044	.027	.048	.031	.019	.028	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm											
NAME: ALT70-27G30-M					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 60			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		11.2	11.9	11.4	12.0	12.2	11.1	11.8	11.3	11.9	12.1
	3H	11.2	11.8	11.4	12.0	12.2	11.1	11.7	11.3	11.9	12.1
	4H	11.1	11.7	11.4	11.9	12.1	11.0	11.6	11.3	11.8	12.0
	6H	11.1	11.6	11.4	11.9	12.1	11.0	11.5	11.3	11.8	12.0
	8H	11.1	11.6	11.4	11.9	12.1	11.0	11.5	11.3	11.8	12.0
	12H	11.1	11.6	11.4	11.9	12.1	11.0	11.5	11.3	11.8	12.0
4H	2H	11.1	11.7	11.4	11.9	12.1	11.0	11.6	11.3	11.8	12.0
	3H	11.0	11.6	11.4	11.8	12.1	10.9	11.5	11.2	11.7	12.0
	4H	11.0	11.5	11.4	11.8	12.1	10.9	11.4	11.3	11.7	12.0
	6H	11.0	11.4	11.4	11.7	12.1	10.9	11.3	11.3	11.6	12.0
	8H	11.0	11.4	11.4	11.7	12.1	10.9	11.3	11.3	11.6	12.0
	12H	11.0	11.4	11.4	11.8	12.1	10.9	11.3	11.3	11.7	12.0
8H	4H	10.9	11.3	11.3	11.6	12.0	10.8	11.2	11.2	11.5	11.9
	6H	10.9	11.2	11.3	11.6	12.0	10.8	11.1	11.2	11.5	11.9
	8H	10.9	11.2	11.4	11.6	12.1	10.8	11.1	11.3	11.5	12.0
	12H	11.0	11.3	11.5	11.7	12.2	10.9	11.2	11.4	11.6	12.1
12H	4H	10.9	11.2	11.3	11.6	12.0	10.8	11.1	11.2	11.5	11.9
	6H	10.9	11.1	11.3	11.6	12.0	10.8	11.1	11.2	11.5	11.9
	8H	10.9	11.1	11.4	11.6	12.0	10.8	11.1	11.3	11.5	12.0
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 3.4					+ 2.2 / - 3.4					
1.5H	+ 3.7 / - 2.6					+ 3.6 / - 2.4					
2.0H	+ 3.1 / - 4.1					+ 2.9 / - 3.9					

CIE Pub.117, 2473 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

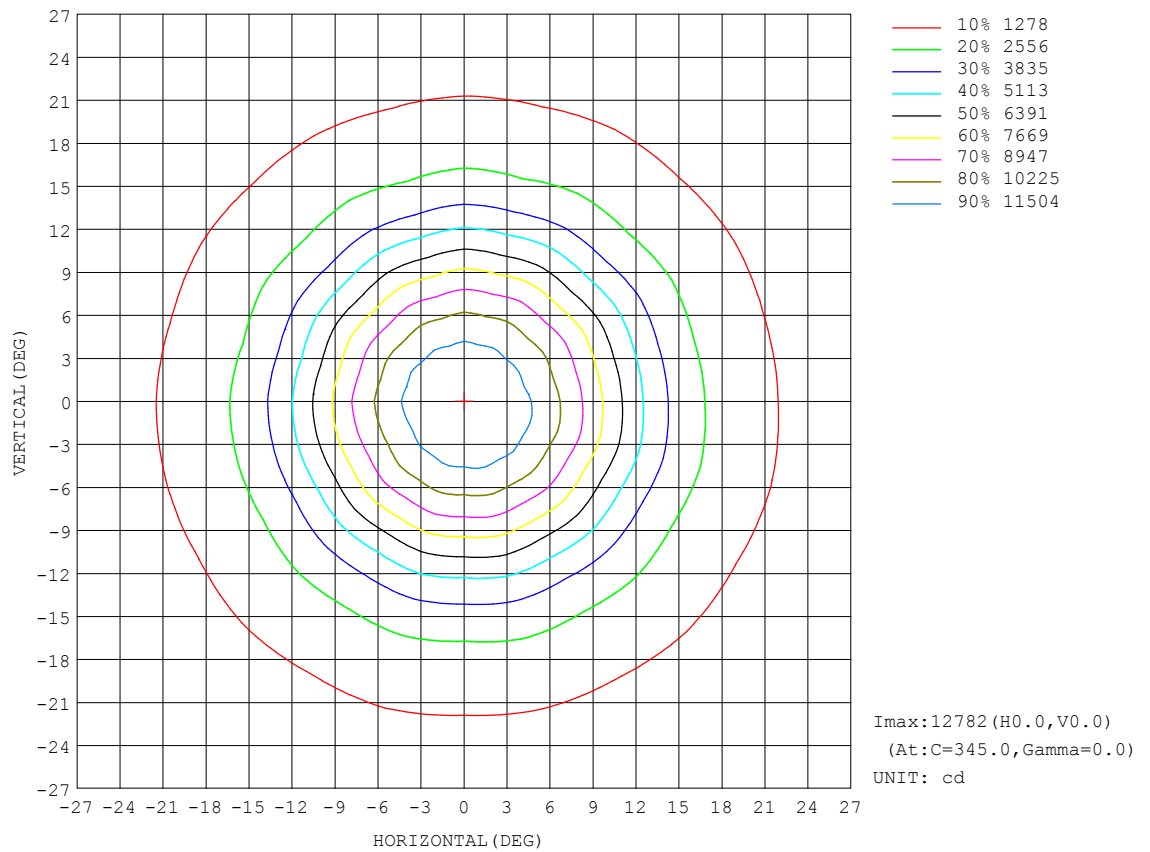
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	99
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:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

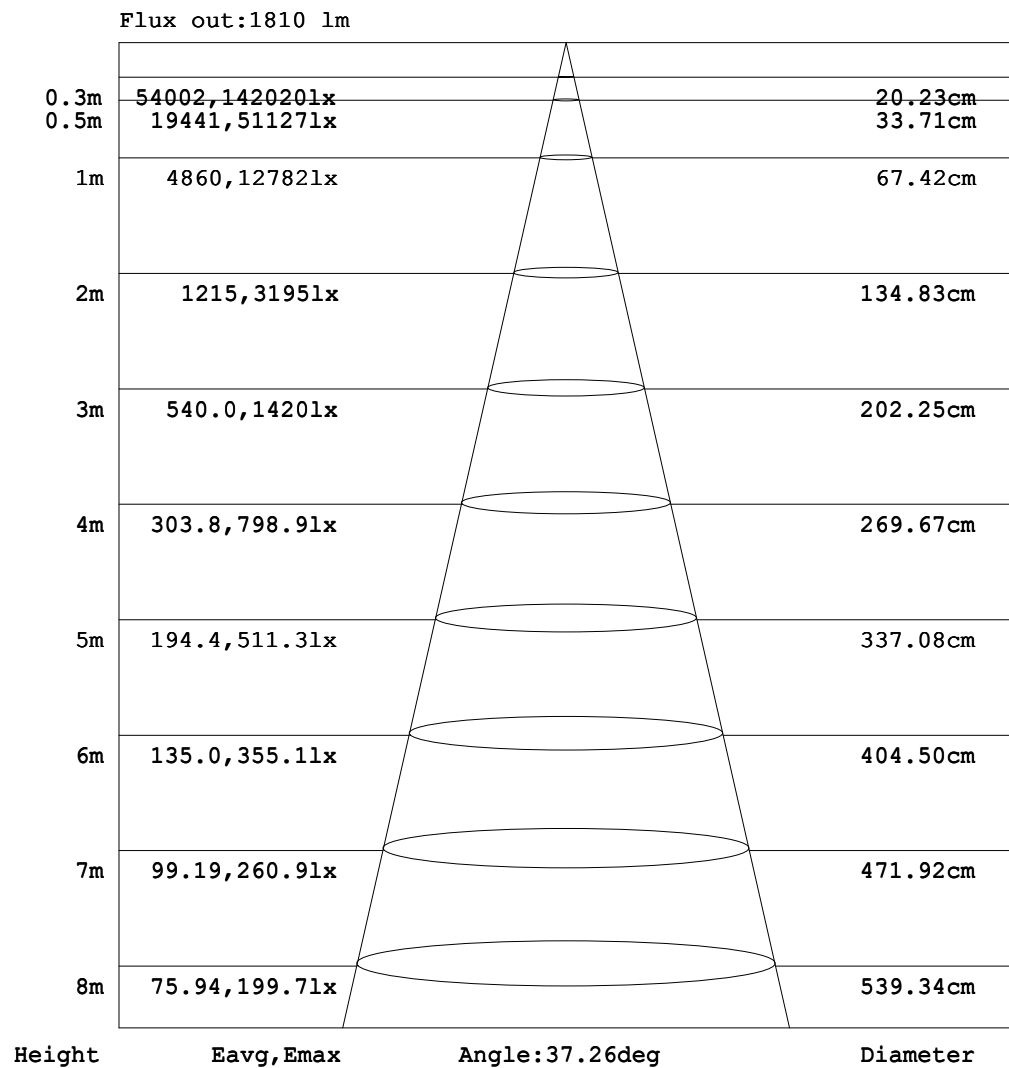


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

AAI Figure

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:



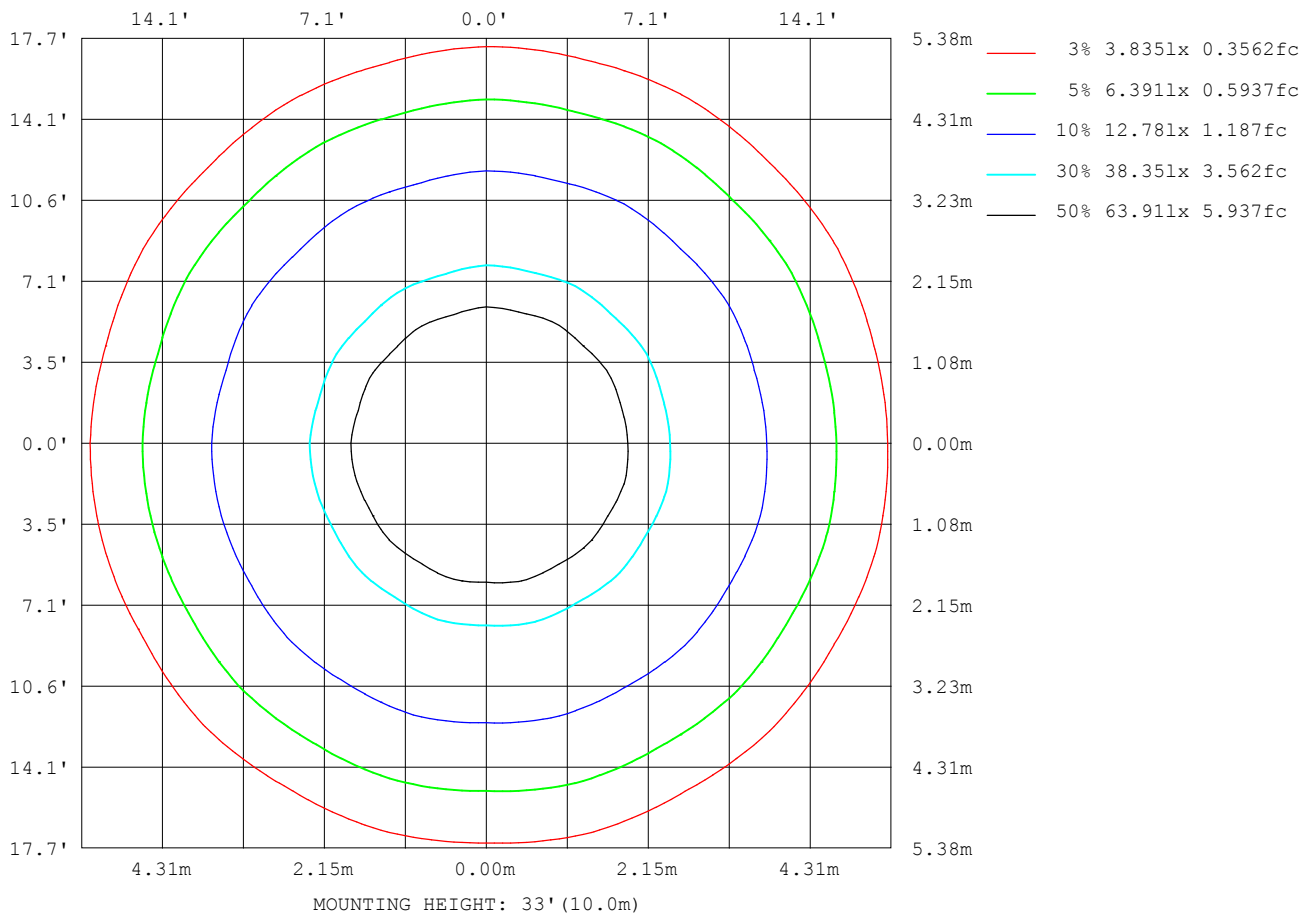
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

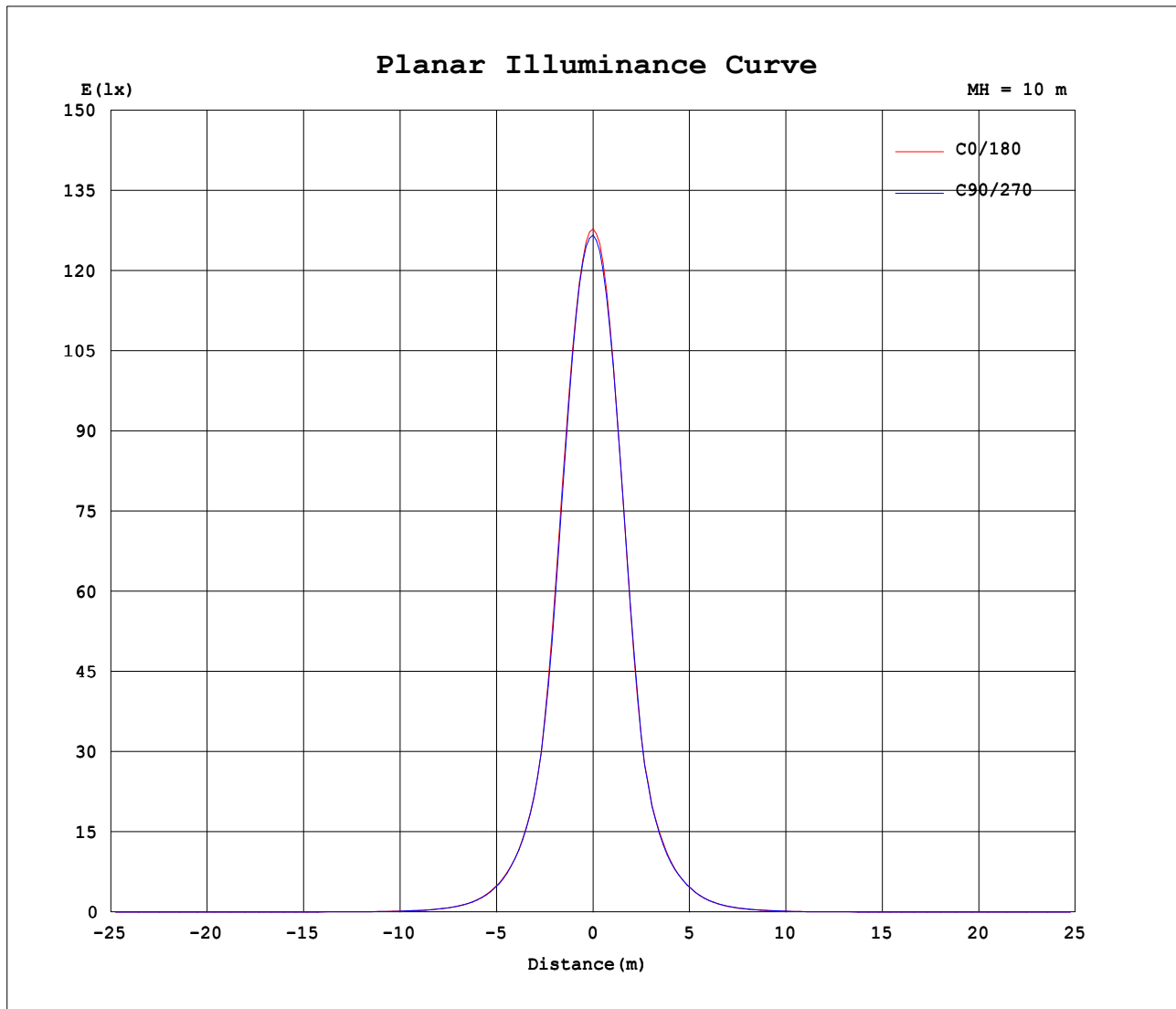
AvgL	cd/m2
L_0~180 (65) av	3157
L_0~180 (75) av	2380
L_0~180 (85) av	4231
L_90~270 (65) av	3148
L_90~270 (75) av	2431
L_90~270 (85) av	4230
L_45 (65) av	3098
L_45 (75) av	2391
L_45 (85) av	4306

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: AE
Test Date: 2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 7.240m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm																		
NAME: ALT70-27G30-M									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.:60					Shielding Angle:				

Table--1

UNIT: ×10cd

γ (DEG) \ C (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
5	1126	1139	1133	1144	1135	1143	1130	1134	1119	1121	1105	1109	1105	1091	1098	1084	1098	1091	1106
10	730	746	731	746	729	739	718	726	700	706	684	690	685	660	674	655	678	668	697
15	331	346	336	347	336	346	333	339	322	323	306	308	306	291	297	285	296	289	306
20	164	170	166	170	165	169	163	167	161	162	156	156	155	148	151	145	149	145	152
25	84.6	87.0	85.1	87.1	84.6	86.4	83.4	84.5	82.0	82.8	79.5	80.4	79.7	77.3	78.6	76.6	78.5	77.4	80.6
30	42.0	43.4	42.3	43.4	42.0	43.2	41.6	42.5	40.8	41.5	39.5	40.1	39.8	38.5	39.3	38.5	39.5	38.9	40.6
35	20.8	21.3	20.7	21.1	20.6	20.9	20.3	20.7	20.0	20.0	19.1	19.3	19.3	18.9	19.3	19.0	19.6	19.5	20.2
40	10.6	10.9	10.7	10.8	10.5	10.6	10.2	10.4	10.02	10.1	9.65	9.68	9.85	9.51	9.70	9.68	9.90	9.90	10.4
45	5.78	5.91	5.74	5.88	5.59	5.67	5.48	5.59	5.35	5.37	5.03	4.98	5.02	4.83	4.90	4.81	5.00	5.03	5.33
50	3.29	3.34	3.34	3.40	3.34	3.37	3.32	3.32	3.26	3.27	3.15	3.02	3.01	2.90	2.82	2.80	2.82	2.85	2.93
55	2.58	2.58	2.57	2.66	2.57	2.57	2.59	2.55	2.46	2.53	2.41	2.29	2.35	2.23	2.21	2.22	2.22	2.26	2.39
60	1.22	1.22	1.17	1.20	1.07	1.11	1.09	1.10	0.97	1.03	0.89	0.87	0.97	0.89	0.93	0.95	1.00	1.02	1.17
65	0.62	0.58	0.59	0.58	0.57	0.57	0.58	0.55	0.53	0.55	0.52	0.50	0.56	0.54	0.52	0.58	0.55	0.57	0.60
70	0.41	0.43	0.42	0.40	0.40	0.40	0.38	0.38	0.37	0.38	0.36	0.35	0.39	0.38	0.37	0.39	0.38	0.39	0.39
75	0.27	0.27	0.28	0.27	0.29	0.29	0.28	0.27	0.27	0.26	0.26	0.25	0.27	0.28	0.27	0.28	0.27	0.28	0.27
80	0.20	0.19	0.20	0.19	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.17	0.19	0.18	0.19	0.18
85	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.14	0.14	0.14	0.14	0.13	0.14	0.14
90	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.12	0.12	0.12	0.12	0.12	0.12	0.12
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:225.2V I:0.1260A P:27.30W PF:0.9600 Freq:0Hz Lamp Flux:2473.31x1 lm		
NAME: ALT70-27G30-M	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1268	1268	1268	1268	1268														
5	1100	1114	1109	1123	1118														
10	687	715	705	736	725														
15	300	317	313	331	324														
20	151	158	156	163	161														
25	79.6	83.2	82.3	85.1	83.9														
30	40.3	41.8	41.3	42.8	41.8														
35	20.1	20.5	20.4	20.8	20.6														
40	10.3	10.5	10.4	10.6	10.4														
45	5.27	5.51	5.49	5.70	5.67														
50	2.95	3.03	3.08	3.16	3.22														
55	2.36	2.43	2.48	2.48	2.53														
60	1.11	1.17	1.16	1.15	1.15														
65	0.57	0.58	0.61	0.56	0.60														
70	0.38	0.39	0.40	0.39	0.41														
75	0.27	0.27	0.27	0.27	0.28														
80	0.19	0.18	0.19	0.19	0.19														
85	0.14	0.14	0.14	0.14	0.14														
90	0.12	0.12	0.12	0.12	0.12														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2019-11-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks: