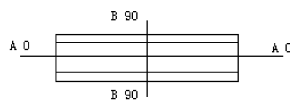
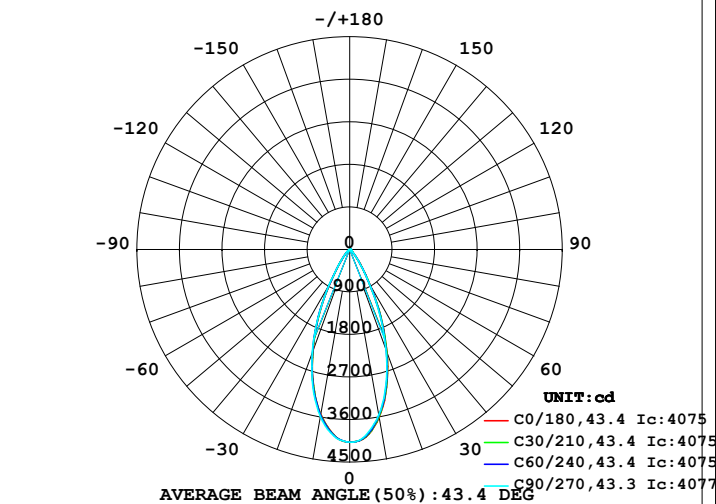


LUMINAIRE PHOTOMETRIC TEST REPORT

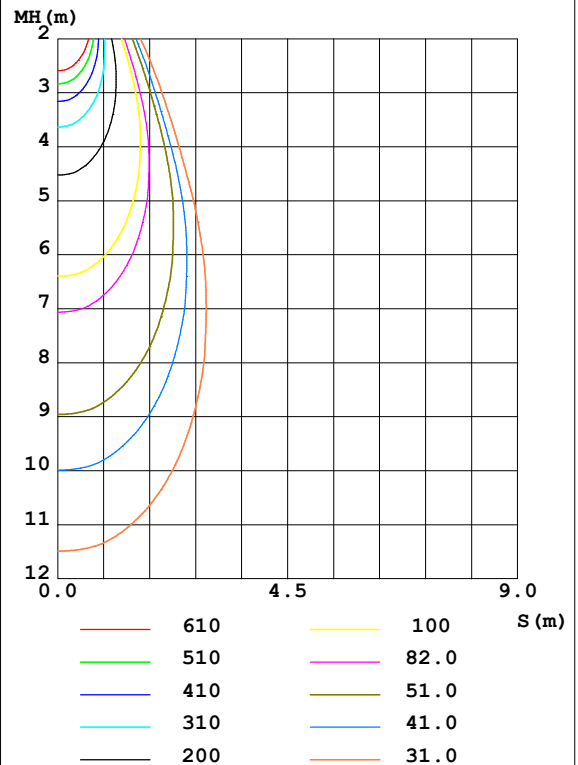
Test:U:225.2V I:0.1260A P:27.30W PF:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm					
NAME: ALT70-27G30-WF		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:60		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 84.65 lm/W
MODEL	3000K CRI90	I _{max} (cd)	4077	S/MH(C0/180)	0.69	
NOMINAL POWER(W)	27	LOR(%)	100.0	S/MH(C90/270)	0.70	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2311.0	η UP,DN(C0-180)	0.0,49.7	
NOMINAL FLUX(lm)	2310.99	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.3	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	225.1	η down(%)	100.0	CIBSE SHR MAX	0.70	

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	3606	3596	3551	3539	3540	3528	3587	3592	0- 10	364.8	364.8	15.8,15.8
20	2316	2317	2243	2252	2273	2264	2327	2318	10- 20	822.5	1187	51.4,51.4
30	852.6	861.6	814.9	837.0	865.2	857.5	882.0	866.2	20- 30	700.4	1888	81.7,81.7
40	230.1	225.6	207.8	208.5	214.1	217.6	235.0	239.5	30- 40	287.5	2175	94.1,94.1
50	57.91	57.05	55.61	57.70	57.97	57.11	61.48	59.64	40- 50	90.52	2266	98,98
60	16.34	16.24	15.44	15.82	16.46	16.31	16.72	16.74	50- 60	29.93	2296	99.3,99.3
70	6.063	5.912	5.625	5.694	6.063	6.163	6.166	6.358	60- 70	9.592	2305	99.8,99.8
80	1.897	1.869	1.820	1.830	1.648	1.664	1.645	1.697	70- 80	3.954	2309	99.9,99.9
90	2.013	2.029	2.039	2.044	1.407	1.375	1.375	1.357	80- 90	1.670	2311	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0935	2311	100,100
110	0	0	0	0	0	0	0	0	100-110	0	2311	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2311	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2311	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2311	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2311	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2311	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2311	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2311	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2233.1 lm

%lum = 96.6%

%lamp = 96.6%

Conical surface Flux(120deg): 2295.7 lm

%lum = 99.3%

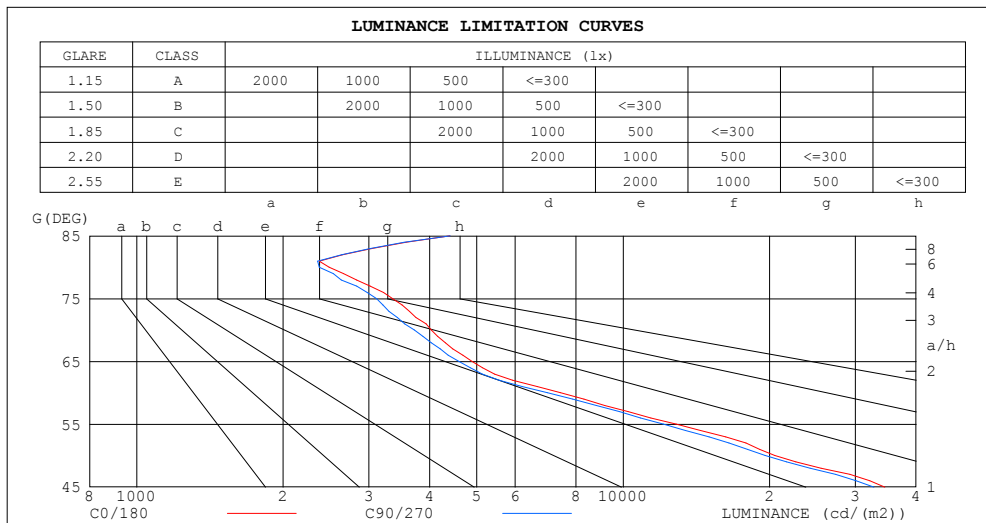
%lamp = 99.3%

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4402	4412
80	2485	2373
75	3357	3113
70	4033	3722
65	4888	4594
60	7433	6989
55	12841	12092
50	20495	19582
45	34483	32782

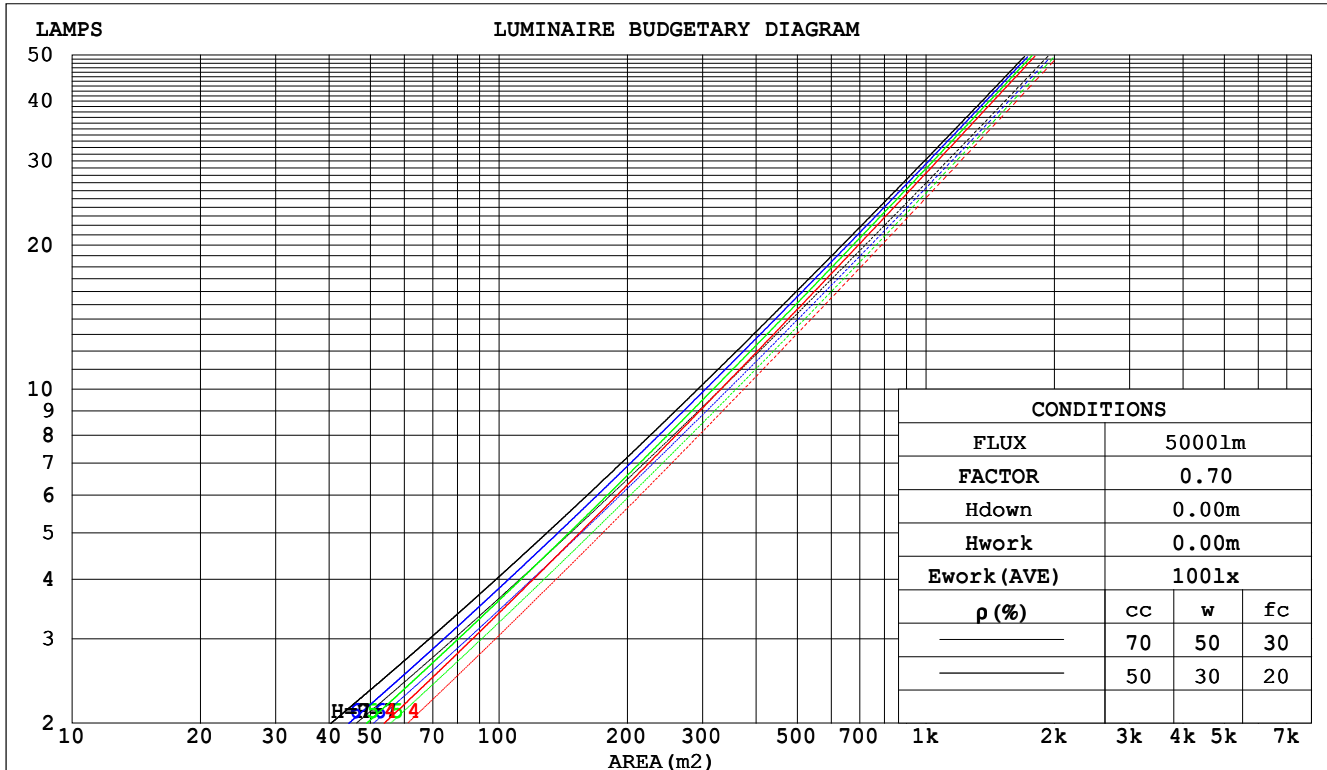
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2019-11-08

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.97	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.86	.90	.87	.85	.84
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79
5.0	.87	.82	.78	.86	.82	.78	.85	.80	.77	.83	.79	.76	.82	.78	.76	.74
6.0	.83	.77	.73	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.75	.72	.70
7.0	.79	.73	.69	.78	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.67
8.0	.75	.69	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.68	.65	.63
9.0	.71	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.62	.59	.58



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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm					
NAME: ALT70-27G30-WF			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	.167	.095	.030	.160	.091	.029	.148	.085	.027	.136	.078	.025	.125	.073	.023	
2.0	.158	.087	.027	.153	.084	.026	.142	.079	.025	.132	.074	.023	.124	.070	.022	
3.0	.150	.080	.024	.145	.078	.023	.136	.074	.022	.128	.070	.022	.120	.067	.021	
4.0	.142	.074	.022	.138	.072	.021	.130	.069	.021	.123	.066	.020	.117	.063	.019	
5.0	.135	.069	.020	.132	.068	.020	.125	.065	.019	.119	.063	.019	.113	.060	.018	
6.0	.129	.065	.018	.126	.064	.018	.120	.061	.018	.115	.060	.017	.109	.058	.017	
7.0	.123	.061	.017	.120	.060	.017	.115	.058	.017	.110	.057	.016	.106	.055	.016	
8.0	.118	.057	.016	.115	.057	.016	.111	.055	.016	.106	.054	.016	.102	.053	.015	
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.015	
10.0	.108	.052	.014	.106	.051	.014	.103	.050	.014	.099	.049	.014	.096	.048	.014	

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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.114	.091	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.065	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.121	.087	.061	.104	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.101	.063	.037	.087	.055	.033	.060	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.082	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.091	.053	.028	.079	.046	.025	.054	.033	.018	.032	.019	.011	.010	.006	.003	

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm											
NAME: ALT70-27G30-WF					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		16.3	17.2	16.5	17.3	17.5	16.1	16.9	16.3	17.1	17.3
	3H	16.2	17.0	16.4	17.2	17.4	15.9	16.7	16.2	16.9	17.1
	4H	16.1	16.9	16.4	17.1	17.3	15.9	16.6	16.2	16.9	17.1
	6H	16.0	16.7	16.3	17.0	17.2	15.8	16.5	16.1	16.8	17.0
	8H	16.0	16.7	16.3	16.9	17.2	15.8	16.5	16.1	16.7	17.0
	12H	16.0	16.6	16.3	16.9	17.2	15.7	16.4	16.1	16.7	16.9
4H	2H	16.1	16.8	16.4	17.1	17.3	15.9	16.6	16.1	16.8	17.1
	3H	16.0	16.6	16.3	16.9	17.2	15.8	16.4	16.1	16.7	17.0
	4H	15.9	16.5	16.3	16.8	17.1	15.7	16.3	16.0	16.6	16.9
	6H	15.8	16.4	16.2	16.7	17.0	15.6	16.1	16.0	16.5	16.8
	8H	15.8	16.3	16.2	16.6	17.0	15.6	16.1	16.0	16.4	16.8
	12H	15.8	16.2	16.2	16.6	17.0	15.6	16.0	16.0	16.4	16.8
8H	4H	15.8	16.3	16.2	16.6	17.0	15.6	16.1	16.0	16.4	16.8
	6H	15.7	16.1	16.1	16.5	16.9	15.5	15.9	15.9	16.3	16.7
	8H	15.7	16.0	16.1	16.5	16.9	15.5	15.8	15.9	16.2	16.7
	12H	15.7	16.0	16.1	16.4	16.9	15.4	15.7	15.9	16.2	16.7
12H	4H	15.7	16.2	16.1	16.6	16.9	15.5	16.0	15.9	16.3	16.7
	6H	15.7	16.0	16.1	16.4	16.9	15.4	15.8	15.9	16.2	16.7
	8H	15.6	15.9	16.1	16.4	16.8	15.4	15.7	15.9	16.2	16.6
Variations with the observer position at spacings:											
S = 1.0H	+ 3.0 / - 6.4					+ 2.7 / - 6.3					
1.5H	+ 4.7 / - 5.0					+ 4.4 / - 4.9					
2.0H	+ 4.4 / - 4.7					+ 4.3 / - 4.7					

CIE Pub.117, 2311 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

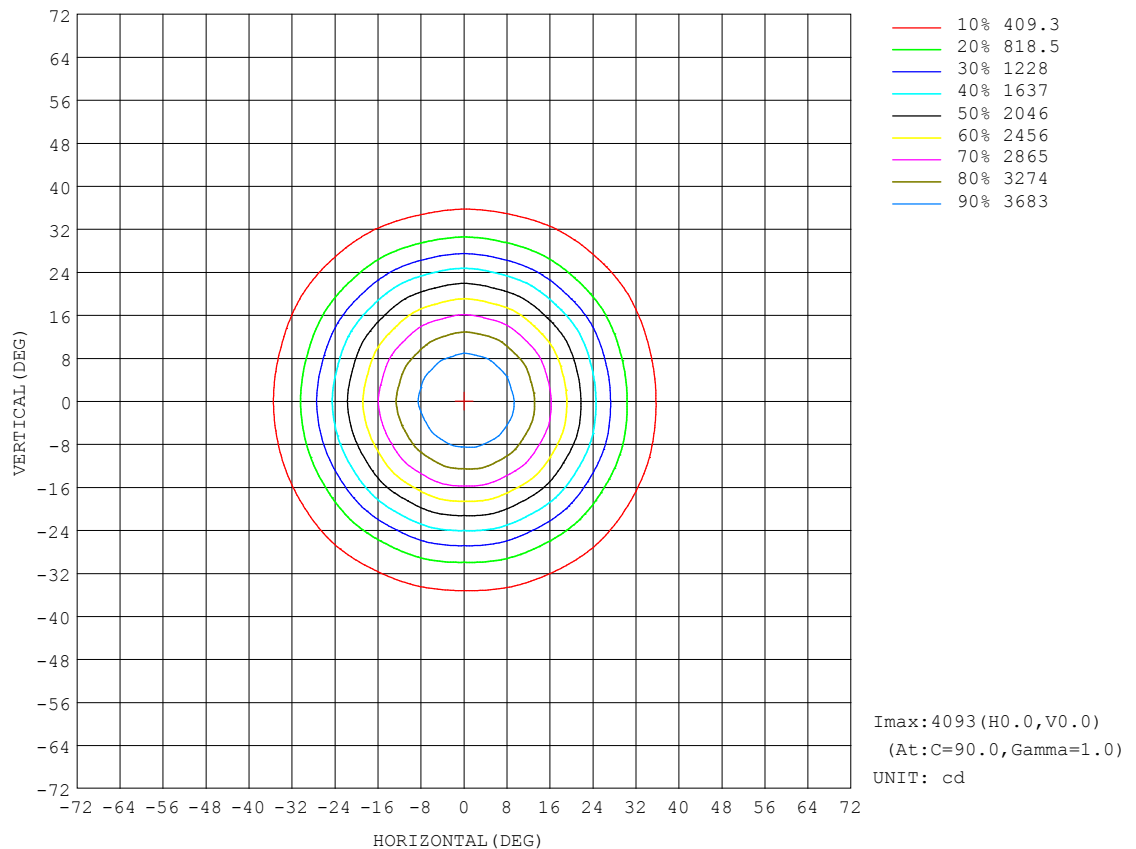
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	81	78	87	81	78	74
0.80	95	89	86	95	89	86	93	89	85	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

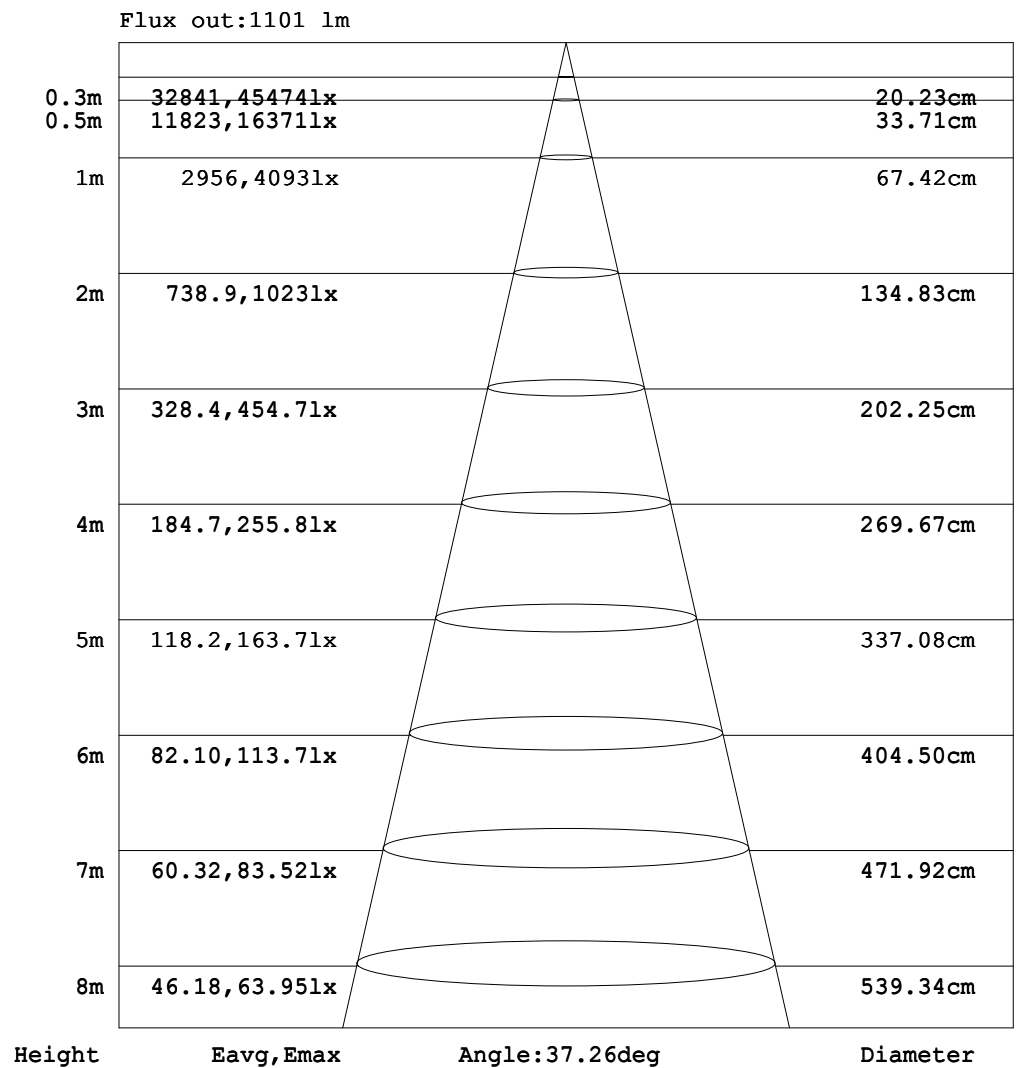


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: AE
Test Date: 2019-11-08

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:



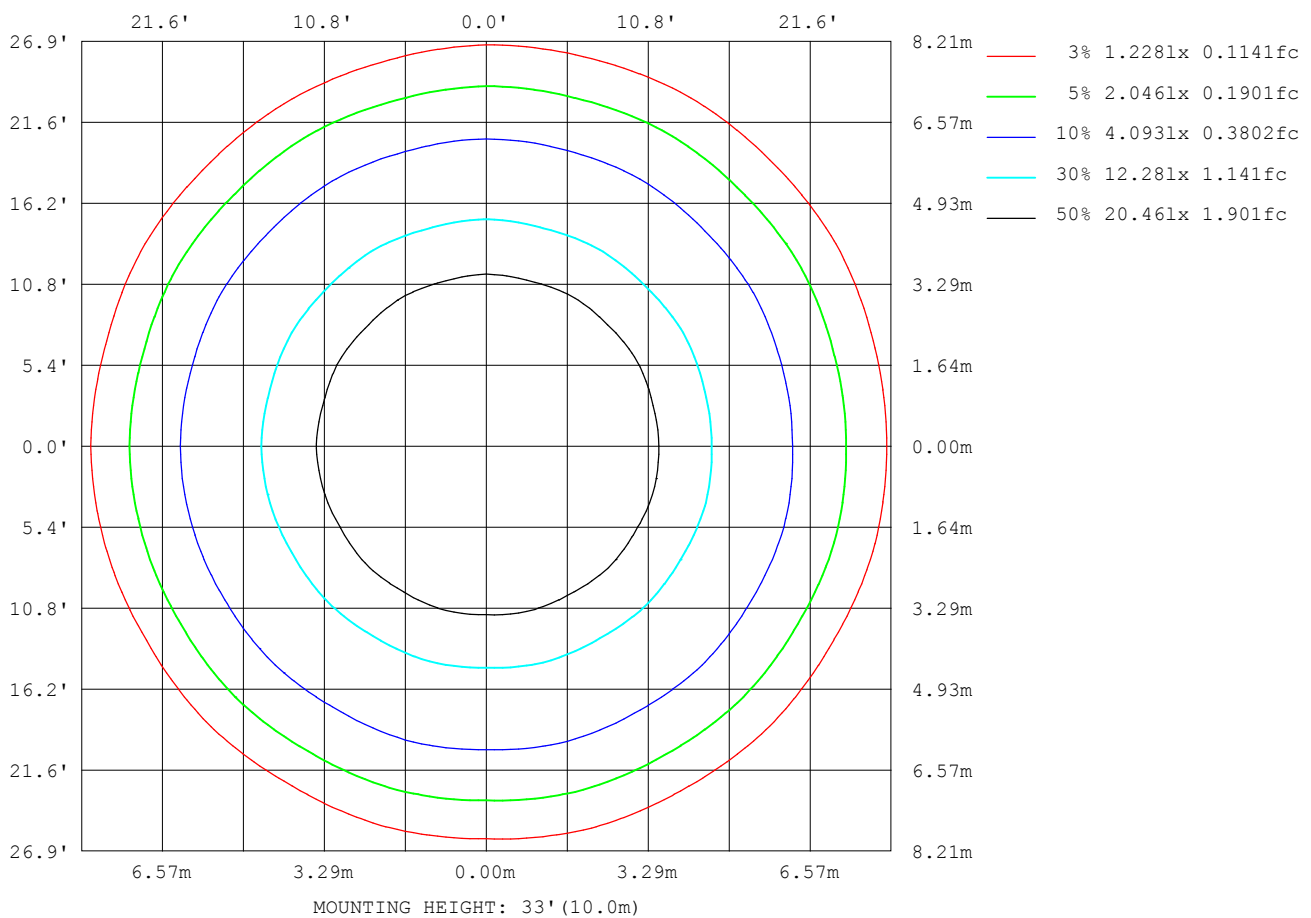
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

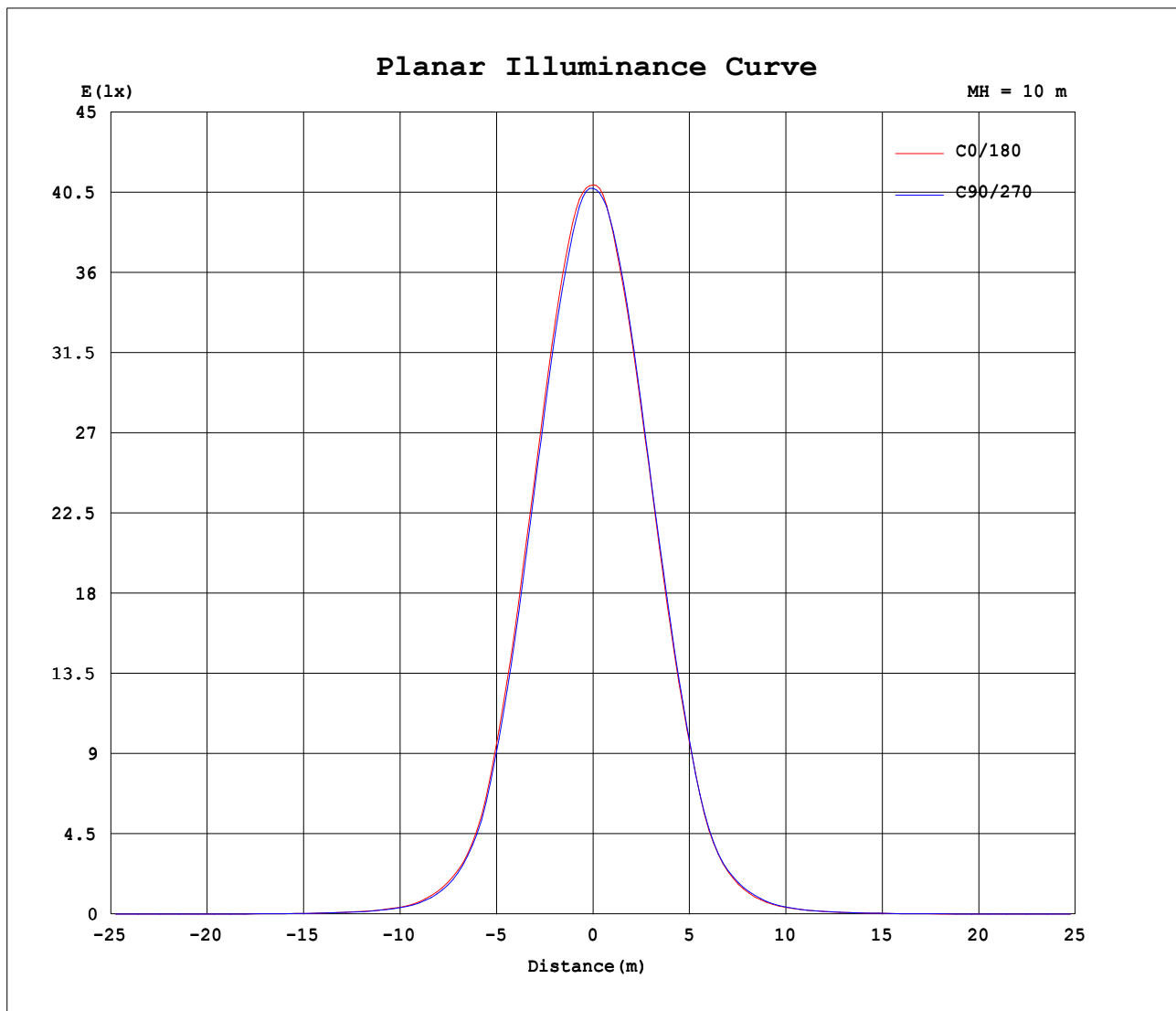
AvgL	cd/m2
L_0~180 (65) av	4910
L_0~180 (75) av	3260
L_0~180 (85) av	3822
L_90~270 (65) av	4791
L_90~270 (75) av	3171
L_90~270 (85) av	3821
L_45 (65) av	4889
L_45 (75) av	3231
L_45 (85) av	3868

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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	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	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075	4075
5	3982	3988	3976	3977	3962	3963	3947	3950	3936	3940	3924	3931	3932	3923	3936	3929	3946	3941	3955
10	3606	3613	3593	3596	3571	3577	3551	3553	3532	3539	3522	3536	3540	3523	3547	3528	3561	3552	3587
15	3025	3038	3008	3023	2984	2998	2966	2981	2949	2966	2942	2966	2971	2949	2978	2957	2992	2979	3015
20	2316	2338	2302	2317	2268	2280	2243	2258	2227	2252	2225	2261	2273	2242	2281	2264	2305	2287	2327
25	1565	1590	1559	1569	1527	1539	1500	1521	1496	1519	1508	1547	1562	1538	1567	1550	1587	1566	1599
30	853	877	852	862	835	845	815	835	816	837	822	852	865	848	874	858	883	860	882
35	447	458	444	449	434	438	422	428	417	428	419	429	432	424	435	428	439	433	446
40	230	232	222	226	216	216	208	210	205	208	206	211	214	212	219	218	225	225	235
45	107	109	105	107	103	105	102	106	104	106	105	108	108	105	108	107	111	113	115
50	57.9	57.9	56.4	57.0	55.5	56.3	55.6	56.9	56.2	57.7	56.4	57.2	58.0	56.0	58.1	57.1	58.9	59.7	61.5
55	32.4	32.4	31.5	31.7	30.9	31.3	30.6	31.2	30.9	31.5	30.6	31.6	31.9	31.2	31.9	31.2	32.0	31.9	32.7
60	16.3	16.6	16.1	16.2	15.7	16.0	15.4	15.7	15.4	15.8	15.5	16.1	16.5	16.1	16.6	16.3	16.5	16.3	16.7
65	9.08	9.19	8.98	8.91	8.74	8.85	8.58	8.73	8.78	8.79	8.84	9.13	9.24	9.31	9.55	9.40	9.65	9.31	9.30
70	6.06	6.10	5.99	5.91	5.83	5.82	5.62	5.68	5.62	5.69	5.73	6.03	6.06	6.05	6.25	6.16	6.27	6.12	6.17
75	3.82	3.84	3.76	3.74	3.72	3.68	3.56	3.54	3.48	3.47	3.48	3.66	3.63	3.63	3.74	3.72	3.79	3.63	3.69
80	1.90	1.91	1.87	1.87	1.85	1.85	1.82	1.82	1.82	1.83	1.82	1.87	1.65	1.65	1.69	1.66	1.68	1.62	1.64
85	1.69	1.69	1.68	1.70	1.69	1.69	1.70	1.70	1.69	1.70	1.68	1.68	1.25	1.25	1.23	1.27	1.24	1.27	1.24
90	2.01	2.02	2.03	2.03	2.04	2.03	2.04	2.04	2.05	2.04	2.05	2.04	1.41	1.39	1.39	1.38	1.39	1.36	1.38
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:0.9610 Freq:0Hz Lamp Flux:2310.99x1 lm		
NAME: ALT70-27G30-WF	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:60	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	4075	4075	4075	4075	4075														
5	3953	3971	3969	3982	3980														
10	3578	3603	3592	3618	3603														
15	2999	3035	3013	3046	3021														
20	2301	2343	2318	2355	2318														
25	1571	1602	1573	1610	1573														
30	865	886	866	887	858														
35	443	454	447	454	445														
40	236	243	240	244	234														
45	115	115	114	111	108														
50	60.4	61.2	59.6	59.4	58.1														
55	32.1	33.1	32.5	33.2	32.4														
60	16.2	17.0	16.7	17.0	16.4														
65	9.26	9.51	9.38	9.54	9.30														
70	6.24	6.43	6.36	6.42	6.20														
75	3.76	3.88	3.84	3.90	3.78														
80	1.65	1.71	1.70	1.73	1.66														
85	1.28	1.25	1.29	1.26	1.27														
90	1.36	1.37	1.36	1.37	1.37														
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: