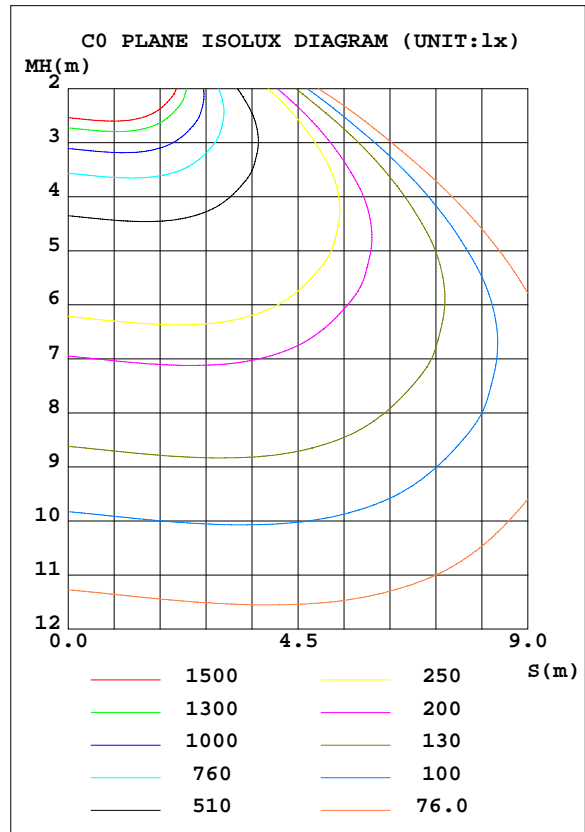
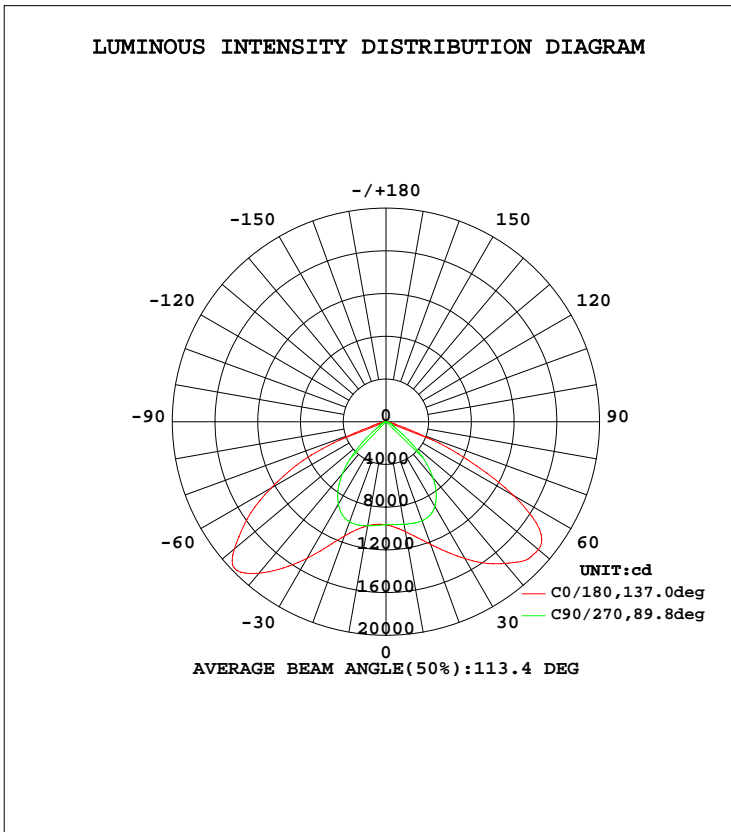


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.55 lm/W			
MODEL	MFD 300W 11090	I <sub>max</sub> (cd)	19733	S/MH(C0/180)	2.17
NOMINAL POWER(W)	0	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220~240	TOTAL FLUX(lm)	35122	η UP, DN(C0-180)	0.0,51.1
NOMINAL FLUX(lm)	35121.6	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,48.8
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	99.9	CIBSE SHR MAX	1.35



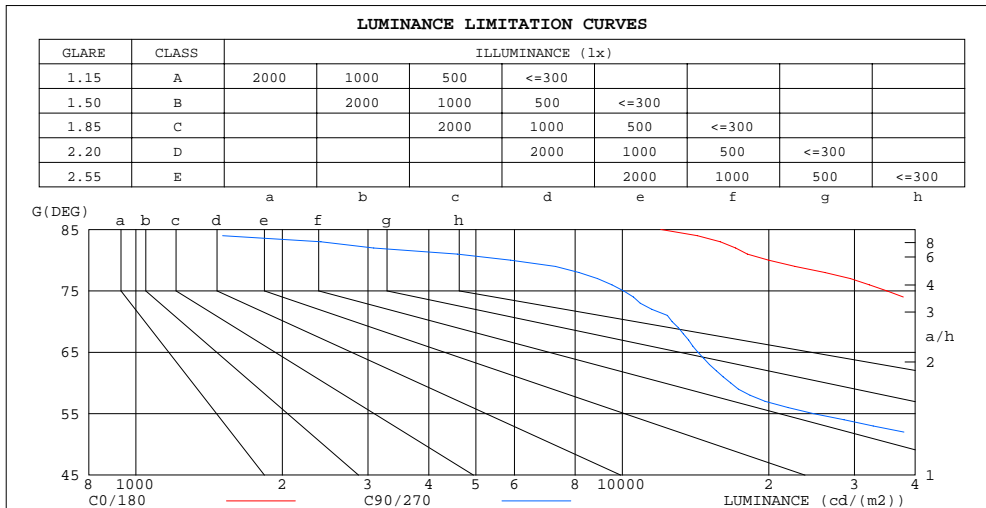
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES**

**ZONAL FLUX DIAGRAM:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1045	1012	974.7	975.5	989.6	986.8	989.3	1024	0- 10	938.1	938.1	2.67,2.67
20	1221	1125	987.3	1047	1140	1075	996.9	1130	10- 20	2965	3904	11.1,11.1
30	1479	1271	916.3	1146	1476	1196	891.0	1196	20- 30	5320	9223	26.3,26.3
40	1732	1287	687.4	1135	1850	1191	633.0	1084	30- 40	7644	16867	48,48
50	1863	876.3	306.1	800.1	1853	763.9	247.9	681.5	40- 50	8560	25428	72.4,72.4
60	1374	226.4	83.55	226.8	1242	154.5	65.81	174.7	50- 60	6291	31718	90.3,90.3
70	314.8	66.10	43.32	64.23	314.6	61.27	40.87	52.89	60- 70	2727	34446	98.1,98.1
80	34.68	18.23	10.24	17.53	38.30	16.89	8.072	15.48	70- 80	578.6	35024	99.7,99.7
90	0.1191	0.0480	0.0306	0.0477	0.1767	0.1733	0.0456	0.0614	80- 90	77.75	35102	99.9,99.9
100	0.1805	0.0872	0.0388	0.0828	0.1855	0.3037	0.1028	0.1212	90-100	1.247	35103	99.9,99.9
110	0.1811	0.1869	0.0867	0.1708	0.1214	0.4314	0.1944	0.1860	100-110	1.745	35105	100,100
120	0.1475	0.2798	0.1801	0.2775	0.1709	0.5394	0.3029	0.2737	110-120	2.324	35107	100,100
130	0.2293	0.3626	0.2782	0.3632	0.2894	0.5999	0.4215	0.3481	120-130	2.913	35110	100,100
140	0.3593	0.4804	0.4103	0.4750	0.4336	0.6044	0.4787	0.4249	130-140	3.245	35113	100,100
150	0.4721	0.6059	0.5241	0.5918	0.5354	0.6132	0.5488	0.5112	140-150	3.212	35117	100,100
160	0.5488	0.6938	0.6719	0.6746	0.5765	0.5818	0.5902	0.5747	150-160	2.719	35119	100,100
170	0.5658	0.6233	0.6002	0.5987	0.5719	0.5687	0.5799	0.5158	160-170	1.706	35121	100,100
180	0.6088	0.6204	0.6217	0.5643	0.6095	0.6206	0.6313	0.5598	170-180	0.5606	35122	100,100
DEG	LUMINOUS INTENSITY: $\times 10cd$								UNIT: lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11994	261
80	19983	5893
75	35000	10061
70	92100	12657
65	198020	14303
60	275034	16698
55	305962	24730
50	289992	47578
45	260044	71838

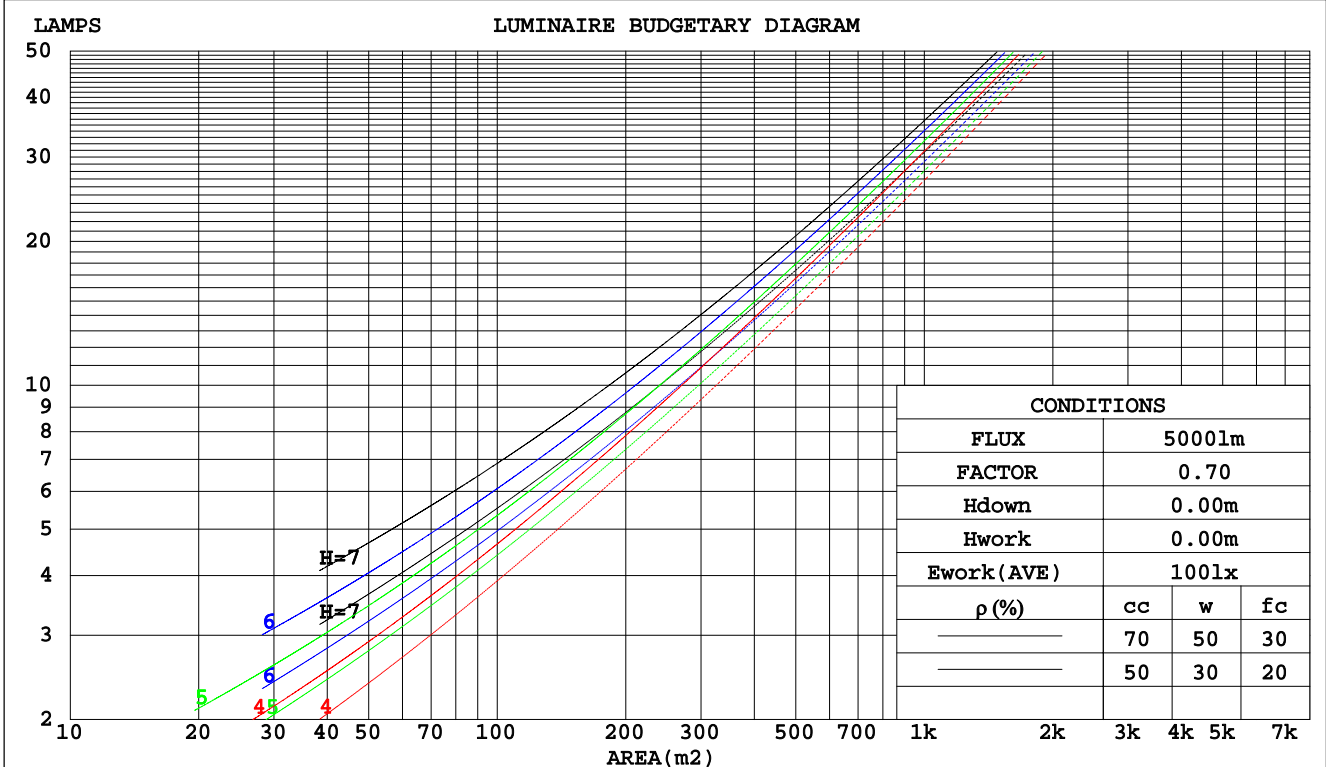
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-06-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 1.515m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																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	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.86	.82	.78	.83	.79	.77	.74
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.74	.69	.66	.64
4.0	.74	.66	.59	.73	.65	.59	.70	.63	.58	.68	.62	.57	.66	.61	.57	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.54	.50	.59	.53	.49	.47
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.53	.45	.39	.52	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.33	.32
9.0	.44	.36	.30	.44	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 1.515m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.261	.148	.047	.254	.145	.046	.241	.138	.044	.229	.132	.042	.218	.126	.041	
2.0	.257	.141	.043	.251	.138	.043	.239	.133	.041	.229	.128	.040	.219	.124	.039	
3.0	.245	.131	.039	.240	.129	.039	.230	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.232	.121	.035	.227	.119	.035	.218	.116	.035	.210	.113	.034	.202	.110	.033	
5.0	.218	.111	.032	.214	.110	.032	.206	.107	.032	.199	.105	.031	.192	.102	.031	
6.0	.205	.103	.029	.201	.102	.029	.194	.100	.029	.188	.098	.029	.181	.096	.028	
7.0	.193	.095	.027	.190	.094	.027	.183	.093	.027	.177	.091	.026	.172	.089	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.171	.083	.023	.169	.082	.023	.163	.081	.023	.159	.079	.023	.154	.078	.023	
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.177	.157	.139	.152	.135	.119	.104	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.168	.133	.103	.144	.114	.089	.099	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.160	.115	.078	.137	.099	.068	.094	.069	.048	.054	.040	.028	.017	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.038	.052	.036	.022	.017	.012	.007	
5.0	.146	.091	.049	.126	.078	.043	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.041	.120	.071	.036	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.110	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.026	.105	.056	.023	.073	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.117	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	33.9	35.3	34.2	35.5	35.7	25.1	26.5	25.3	26.7	26.9
3H	34.3	35.6	34.6	35.9	36.1	25.0	26.3	25.3	26.6	26.8
4H	34.3	35.5	34.6	35.8	36.0	24.9	26.2	25.3	26.4	26.7
6H	34.2	35.3	34.5	35.6	35.9	24.9	26.0	25.2	26.3	26.6
8H	34.1	35.3	34.5	35.5	35.8	24.8	26.0	25.2	26.2	26.5
12H	34.1	35.2	34.4	35.4	35.7	24.8	25.9	25.1	26.1	26.4
4H 2H	33.6	34.9	33.9	35.1	35.4	26.0	27.3	26.4	27.6	27.8
3H	34.1	35.2	34.4	35.5	35.8	26.0	27.1	26.4	27.4	27.7
4H	34.1	35.0	34.4	35.4	35.7	26.0	26.9	26.3	27.3	27.6
6H	34.0	34.9	34.4	35.2	35.6	25.9	26.8	26.3	27.1	27.5
8H	34.0	34.8	34.4	35.1	35.5	25.9	26.7	26.3	27.0	27.4
12H	33.9	34.7	34.4	35.0	35.4	25.8	26.6	26.3	26.9	27.3
8H 4H	33.9	34.7	34.3	35.1	35.5	26.0	26.8	26.4	27.1	27.5
6H	33.9	34.5	34.3	34.9	35.4	26.0	26.6	26.4	27.0	27.4
8H	33.9	34.4	34.3	34.9	35.3	25.9	26.5	26.4	26.9	27.4
12H	33.8	34.3	34.3	34.8	35.3	25.9	26.4	26.4	26.8	27.3
12H 4H	33.9	34.6	34.3	35.0	35.4	26.0	26.7	26.4	27.1	27.5
6H	33.9	34.4	34.3	34.9	35.3	26.0	26.5	26.4	26.9	27.4
8H	33.8	34.3	34.3	34.8	35.2	25.9	26.4	26.4	26.8	27.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 2.2 / - 4.9				
1.5H	+ 1.5 / - 2.0					+ 2.0 / - 3.1				
2.0H	+ 2.5 / - 6.0					+ 3.5 / - 4.9				

CIE Pub.117 Corrected 35122 lm Total Lamp Luminous Flux. (8log(F/F0) = 12.4)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	58	47	40	58	47	40	56	46	40	33
0.80	70	58	51	69	58	51	67	57	51	44
1.00	79	69	62	78	68	62	76	69	61	55
1.25	87	77	71	85	77	70	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	91	85	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
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:L/Y  
 Test Date:2016-06-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

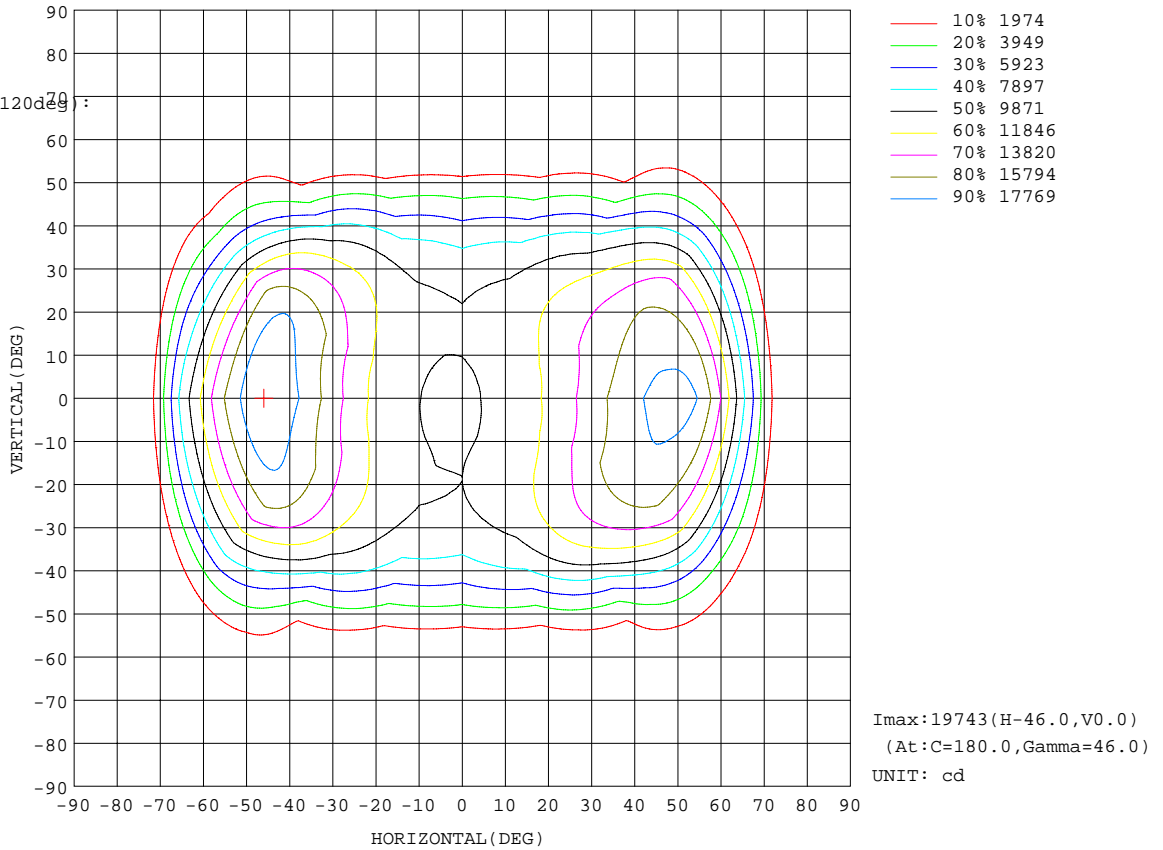
Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):  
21207 lm

%lum = 60.4%  
%lamp = 60.4%

Conical surface Flux(120deg):  
31718 lm

%lum = 90.3%  
%lamp = 90.3%

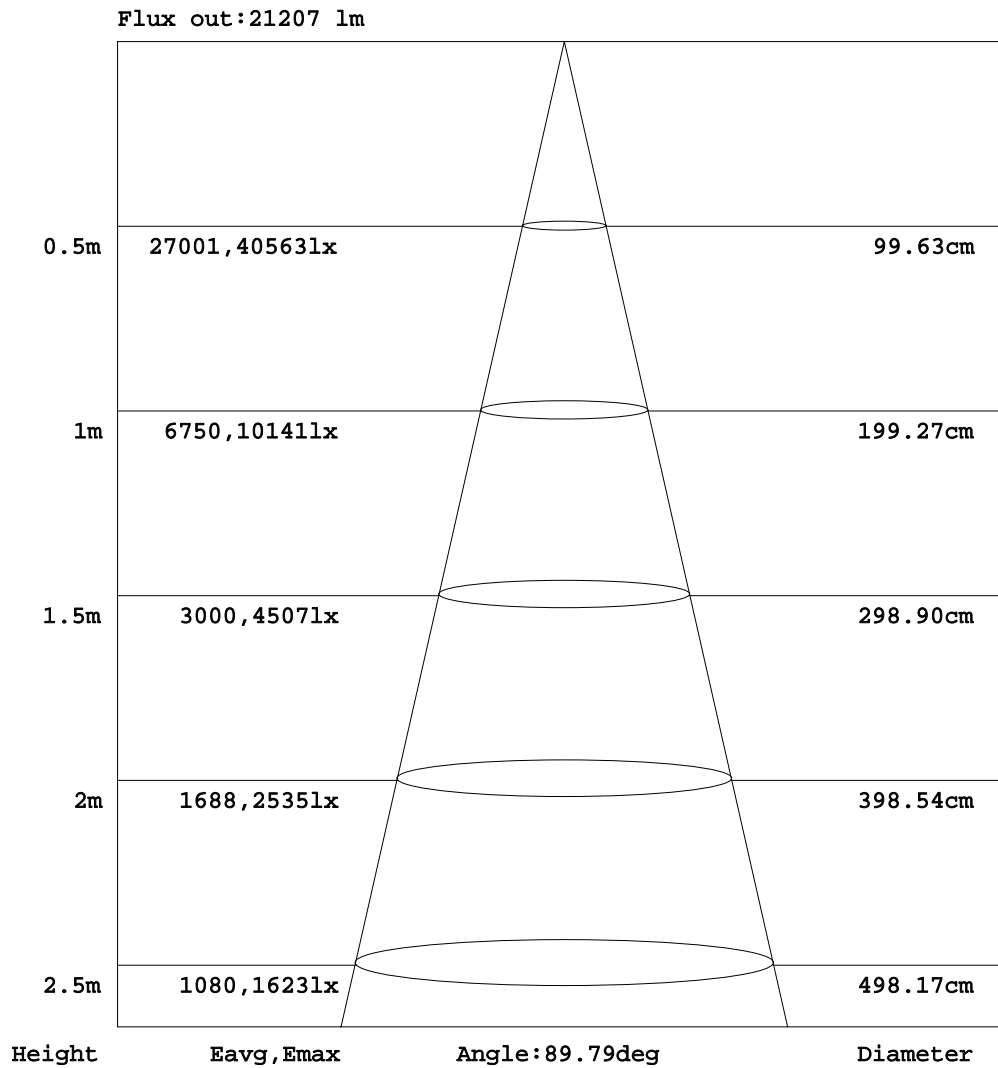


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:L/Y  
Test Date:2016-06-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:1.515m [K=1.0000]  
Remarks:

**AAI Figure**

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

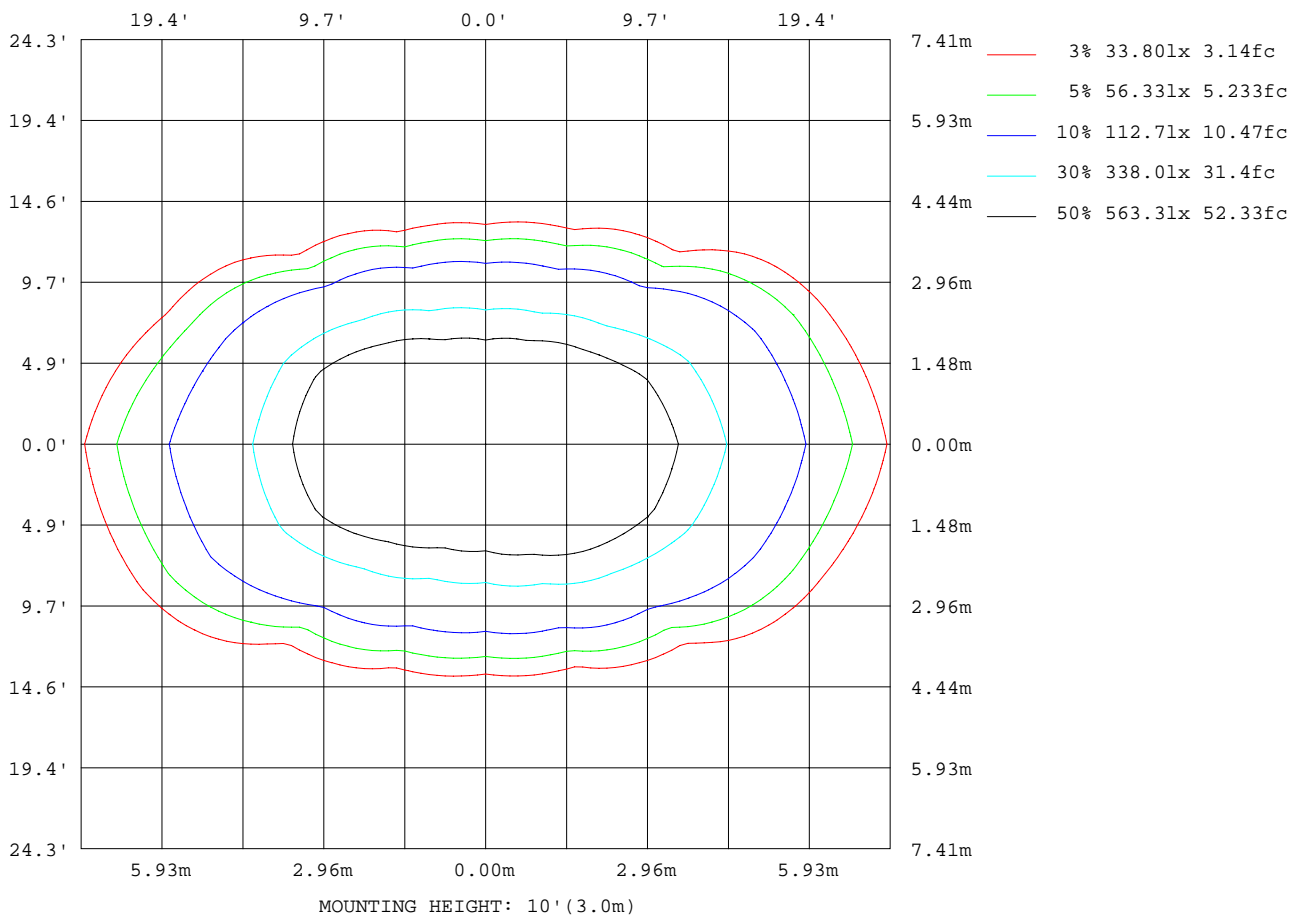
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:



**ISOLUX DIAGRAM**

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: L/Y  
 Test Date: 2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 1.515m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

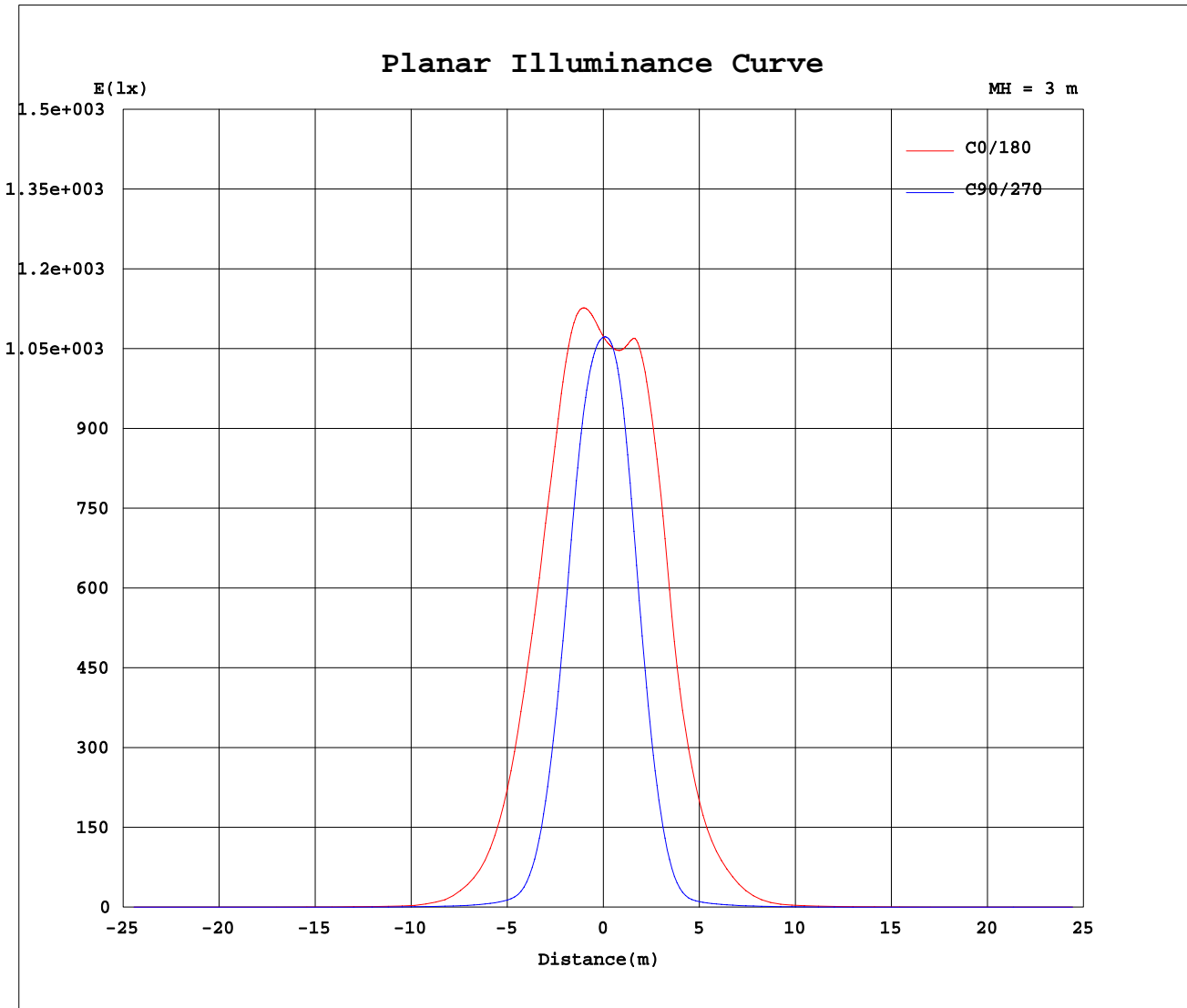
AvgL	cd/m2
L_0~180(65)av	200492
L_0~180(75)av	37301
L_0~180(85)av	12673
L_90~270(65)av	13516
L_90~270(75)av	9617
L_90~270(85)av	163
L_45(65)av	21838
L_45(75)av	15669
L_45(85)av	2835

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:L/Y  
 Test Date:2016-06-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:1.515m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: L/Y  
Test Date: 2016-06-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.291  
Humidity: 65.0%  
Test Distance: 1.515m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:1.364A P:309.3W PF:0.9861 Lamp Flux:35121.6x1 lm		
NAME: LED flood light	TYPE:MFD 300W 11090	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965			
5	993	988	980	972	966	963	962	963	964	966	967	970	974	980	987	992			
10	1045	1034	1012	990	975	970	976	984	990	991	987	984	989	1004	1024	1041			
15	1121	1102	1061	1014	985	983	1005	1030	1045	1042	1023	1002	1001	1029	1075	1110			
20	1221	1194	1125	1039	987	995	1047	1108	1140	1126	1075	1016	997	1044	1130	1197			
25	1344	1312	1200	1054	970	994	1099	1222	1286	1252	1137	1012	965	1033	1175	1296			
30	1479	1445	1271	1039	916	962	1146	1370	1476	1422	1196	974	891	981	1196	1393			
35	1616	1580	1312	973	820	886	1166	1520	1670	1596	1228	894	784	884	1175	1480			
40	1732	1678	1287	853	687	768	1135	1646	1850	1726	1191	760	633	731	1084	1539			
45	1838	1699	1153	657	508	599	1022	1715	1970	1762	1047	565	449	538	923	1567			
50	1863	1595	876	407	306	388	800	1617	1853	1611	764	328	248	320	682	1519			
55	1754	1340	507	190	142	193	488	1348	1588	1213	398	139	105	151	400	1321			
60	1374	925	226	95.0	83.6	97.9	227	982	1242	752	155	76.5	65.8	73.8	175	936			
65	836	472	105	67.5	60.5	67.7	101	581	858	348	86.3	59.3	53.8	55.9	77.0	501			
70	315	164	66.1	47.9	43.3	47.4	64.2	214	315	120	61.3	45.3	40.9	43.3	52.9	173			
75	90.5	76.4	42.9	28.7	26.1	27.6	41.6	80.0	103	66.6	41.3	25.5	23.7	25.0	36.4	67.1			
80	34.7	40.5	18.2	12.2	10.2	11.9	17.5	42.5	38.3	38.6	16.9	10.2	8.07	9.83	15.5	37.8			
85	10.4	9.89	2.30	0.36	0.23	0.36	2.20	10.1	11.6	10.4	2.86	0.11	0.06	0.08	2.53	8.37			
90	0.12	0.09	0.05	0.03	0.03	0.03	0.05	0.09	0.18	0.22	0.17	0.09	0.05	0.04	0.06	0.11			
95	0.15	0.12	0.06	0.04	0.03	0.04	0.06	0.12	0.21	0.27	0.24	0.13	0.07	0.06	0.09	0.14			
100	0.18	0.15	0.09	0.05	0.04	0.04	0.08	0.14	0.19	0.29	0.30	0.19	0.10	0.09	0.12	0.15			
105	0.17	0.18	0.13	0.07	0.06	0.07	0.12	0.16	0.14	0.31	0.37	0.25	0.15	0.12	0.15	0.14			
110	0.18	0.21	0.19	0.11	0.09	0.11	0.17	0.18	0.12	0.35	0.43	0.32	0.19	0.16	0.19	0.15			
115	0.14	0.23	0.24	0.16	0.13	0.16	0.22	0.19	0.14	0.39	0.49	0.38	0.24	0.20	0.23	0.18			
120	0.15	0.26	0.28	0.22	0.18	0.22	0.28	0.24	0.17	0.43	0.54	0.44	0.30	0.26	0.27	0.23			
125	0.18	0.30	0.32	0.27	0.23	0.28	0.33	0.27	0.22	0.46	0.58	0.50	0.37	0.32	0.31	0.28			
130	0.23	0.34	0.36	0.32	0.28	0.34	0.36	0.31	0.29	0.49	0.60	0.55	0.42	0.37	0.35	0.32			
135	0.28	0.39	0.42	0.39	0.34	0.40	0.42	0.37	0.36	0.52	0.61	0.58	0.46	0.41	0.38	0.39			
140	0.36	0.46	0.48	0.46	0.41	0.46	0.47	0.45	0.43	0.56	0.60	0.59	0.48	0.44	0.42	0.46			
145	0.42	0.50	0.54	0.51	0.47	0.51	0.53	0.50	0.49	0.57	0.60	0.60	0.51	0.47	0.46	0.52			
150	0.47	0.54	0.61	0.59	0.52	0.57	0.59	0.55	0.54	0.55	0.61	0.61	0.55	0.49	0.51	0.57			
155	0.52	0.56	0.67	0.68	0.60	0.64	0.66	0.58	0.56	0.56	0.62	0.61	0.57	0.51	0.55	0.58			
160	0.55	0.59	0.69	0.72	0.67	0.67	0.67	0.59	0.58	0.58	0.58	0.61	0.59	0.54	0.57	0.59			
165	0.55	0.60	0.66	0.72	0.66	0.66	0.63	0.57	0.58	0.58	0.56	0.58	0.61	0.53	0.56	0.56			
170	0.57	0.60	0.62	0.65	0.60	0.61	0.60	0.58	0.57	0.57	0.57	0.57	0.58	0.50	0.52	0.55			
175	0.60	0.62	0.62	0.63	0.62	0.62	0.59	0.59	0.59	0.59	0.59	0.60	0.61	0.53	0.56	0.57			
180	0.61	0.62	0.62	0.63	0.62	0.55	0.56	0.59	0.61	0.61	0.62	0.62	0.63	0.63	0.56	0.57			

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