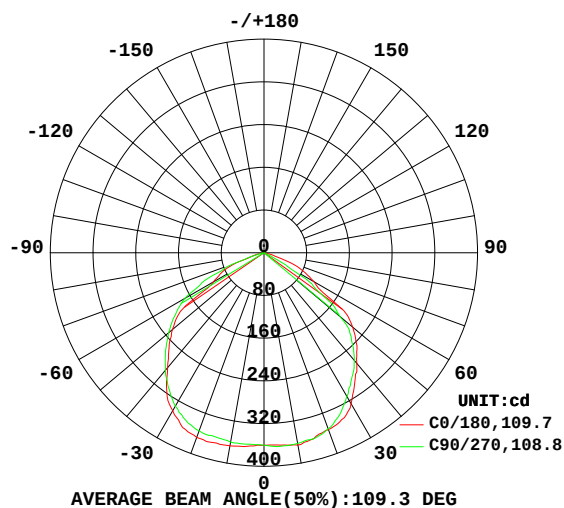


LUMINAIRE PHOTOMETRIC TEST REPORT

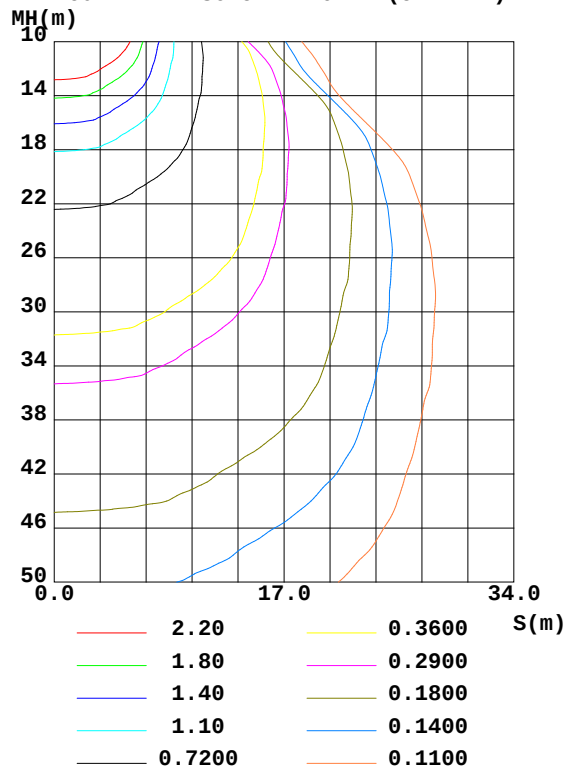
Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.75 lm/W			
MODEL	FUTT05	I _{max} (cd)	369.6	S/MH(C0/180)	1.37
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	100-240	TOTAL FLUX(lm)	944.06	η UP, DN(C0-180)	0.0, 46.0
NOMINAL FLUX(lm)	944.058	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 54.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: William
 Test Date: 2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.3952]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	365.8	362.3	362.5	361.3	367.0	361.0	360.0	360.9	0- 10	34.55	34.55	3.66, 3.66
20	352.6	359.6	350.8	357.0	368.1	363.5	354.8	361.1	10- 20	102.6	137.1	14.5, 14.5
30	326.5	326.0	310.6	332.9	341.7	350.4	331.9	339.6	20- 30	161.4	298.5	31.6, 31.6
40	270.8	275.1	263.1	281.2	281.0	313.9	287.3	298.6	30- 40	194.8	493.3	52.3, 52.3
50	216.8	207.7	185.6	213.1	224.1	244.1	233.2	231.4	40- 50	196.5	689.8	73.1, 73.1
60	107.3	110.5	50.08	126.4	110.3	174.3	171.0	167.0	50- 60	159.5	849.3	90, 90
70	45.87	10.54	2.149	10.90	55.11	61.96	61.27	57.51	60- 70	78.64	927.9	98.3, 98.3
80	0.7374	0.1506	0	0.0756	0.0732	1.403	2.947	1.540	70- 80	15.56	943.5	99.9, 99.9
90	0	0	0	0	0	0	0	0	80- 90	0.4384	943.9	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	943.9	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	943.9	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	943.9	100, 100
130	0	0	0	0	0.1473	0.0739	0	0.0737	120-130	0.0111	943.9	100, 100
140	0	0	0	0	0.1473	0.1478	0.0740	0.0737	130-140	0.0389	943.9	100, 100
150	0	0	0	0	0.1473	0.1478	0.0740	0.0737	140-150	0.0440	944.0	100, 100
160	0.0006	0	0.0740	0.0737	0.1467	0.1478	0.0740	0.0737	150-160	0.0396	944.0	100, 100
170	0.0737	0	0.0740	0.0737	0.0737	0.0739	0.0740	0.0737	160-170	0.0235	944.1	100, 100
180	0.0737	0	0.0740	0.0737	0.0737	0.0739	0.0740	0.0737	170-180	0.0064	944.1	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 593.05 lm

%lum = 62.8%

%lamp = 62.8%

Conical surface Flux(120deg): 849.26 lm

%lum = 90.0%

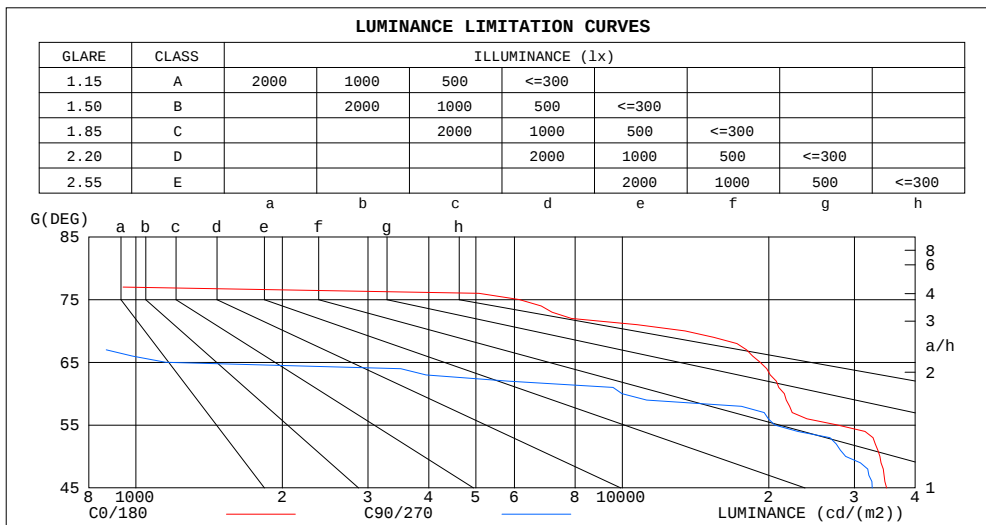
%lamp = 90.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: William
Test Date: 2019-06-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 65.7%
Test Distance: 26.000m [K=1.3952]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	171	0
80	426	0
75	6138	229
70	13458	626
65	19198	1153
60	21529	9982
55	27713	20572
50	33849	28783
45	34952	32640

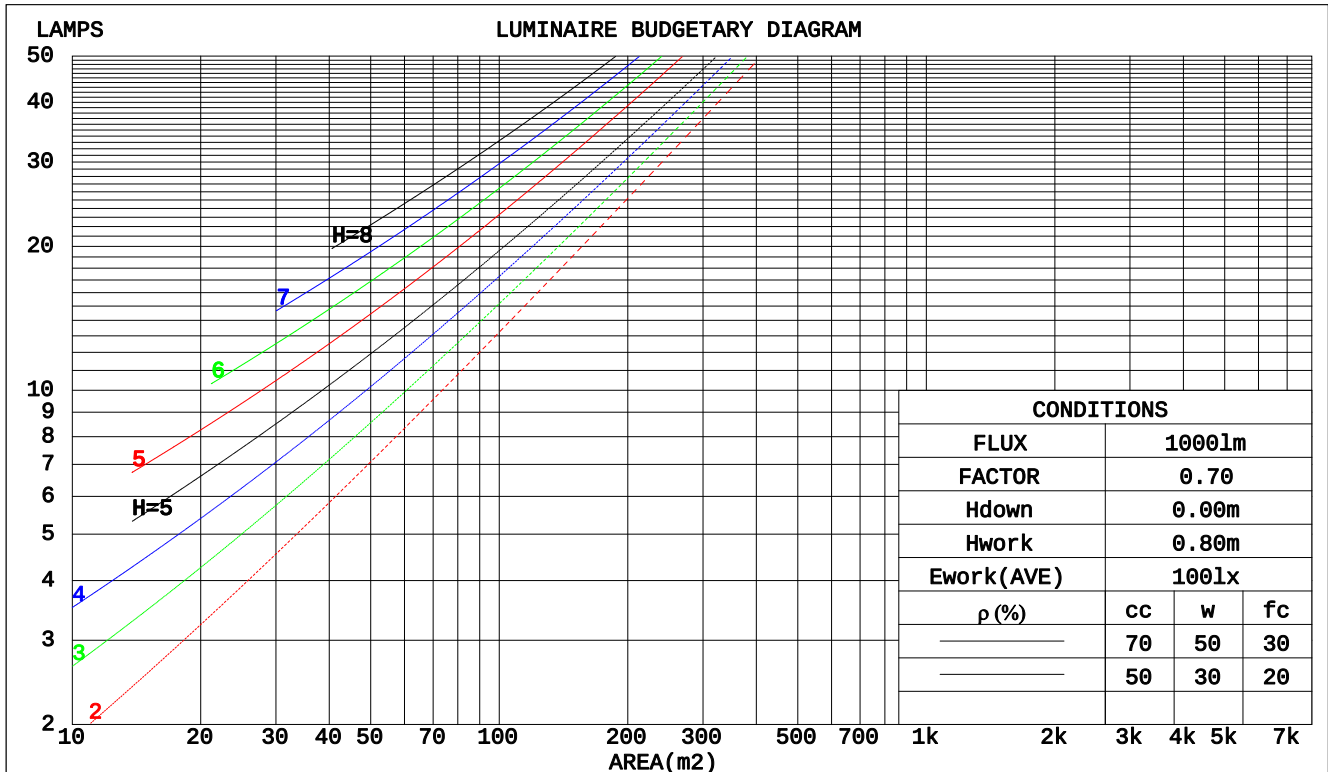
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.07	1.03	1.00	1.05	1.01	.98	1.00	.98	.95	.97	.94	.92	.93	.91	.90	.88
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.86	.83	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.70	.80	.74	.69	.77	.72	.68	.75	.71	.67	.65
4.0	.75	.67	.61	.74	.66	.61	.71	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.59	.53	.64	.57	.52	.62	.56	.52	.61	.55	.51	.49
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.46	.57	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.47	.41	.53	.46	.41	.52	.45	.40	.50	.45	.40	.38
8.0	.50	.42	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.30	.28



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.5DEG
 Operators: William
 Test Date: 2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.7%
 Test Distance: 26.000m [K=1.3952]
 Remarks:

WEC AND CCEC

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm								
NAME: LED Floodlight				TYPE:LED			WEIGHT:N/A	
SPEC.:N/A				DIM.:			SERIAL No.:N/A	
MFR.: Futlight Optoelectronics Co.,Ltd				SUR.:			Shielding Angle:N/A	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.254	.144	.046	.247	.141	.045	.234	.134	.043	.222	.128	.041	.211	.122	.039	
2.0	.250	.137	.042	.244	.135	.041	.233	.130	.040	.222	.125	.039	.213	.120	.038	
3.0	.239	.127	.038	.234	.125	.038	.224	.121	.037	.214	.118	.036	.206	.114	.035	
4.0	.226	.117	.034	.221	.116	.034	.212	.112	.034	.204	.110	.033	.196	.107	.032	
5.0	.212	.108	.031	.208	.107	.031	.200	.104	.031	.193	.102	.030	.186	.099	.030	
6.0	.199	.100	.029	.196	.099	.028	.189	.097	.028	.182	.095	.028	.176	.093	.028	
7.0	.188	.093	.026	.184	.092	.026	.178	.090	.026	.172	.088	.026	.167	.087	.025	
8.0	.177	.086	.024	.174	.085	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.167	.081	.022	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.074	.021	.146	.073	.021	.142	.071	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.151	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.056	.046	.036	.018	.015	.012	
3.0	.159	.114	.079	.136	.099	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.101	.062	.130	.087	.054	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.138	.082	.041	.118	.071	.036	.082	.049	.025	.047	.029	.015	.015	.010	.005	
7.0	.131	.075	.035	.113	.065	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.075	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm										
NAME: LED Floodlight					TYPE:LED			WEIGHT:N/A		
SPEC.:N/A					DIM.:			SERIAL No.:N/A		
MFR.: Futlight Optoelectronics Co.,Ltd					SUR.:			Shielding Angle:N/A		
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	24.0	25.5	24.3	25.6	25.8	23.0	24.4	23.2	24.6	24.8
3H	24.6	25.9	24.9	26.1	26.4	22.7	24.0	23.0	24.3	24.5
4H	24.6	25.8	24.9	26.1	26.3	22.6	23.9	22.9	24.1	24.4
6H	24.5	25.6	24.8	25.9	26.2	22.5	23.7	22.9	23.9	24.2
8H	24.5	25.5	24.8	25.8	26.1	22.5	23.6	22.8	23.9	24.1
12H	24.4	25.5	24.7	25.7	26.0	22.4	23.5	22.8	23.8	24.1
4H 2H	24.1	25.4	24.5	25.6	25.9	23.2	24.4	23.5	24.6	24.9
3H	24.8	25.8	25.1	26.1	26.4	23.0	24.0	23.3	24.3	24.6
4H	24.7	25.7	25.1	26.0	26.3	22.9	23.8	23.2	24.1	24.5
6H	24.6	25.5	25.0	25.8	26.2	22.8	23.6	23.2	24.0	24.3
8H	24.6	25.4	25.0	25.7	26.1	22.7	23.5	23.1	23.9	24.2
12H	24.6	25.3	25.0	25.6	26.0	22.7	23.4	23.1	23.8	24.2
8H 4H	24.6	25.4	25.0	25.7	26.1	22.8	23.5	23.2	23.9	24.3
6H	24.5	25.2	25.0	25.6	26.0	22.7	23.3	23.1	23.7	24.1
8H	24.5	25.0	24.9	25.5	25.9	22.6	23.2	23.1	23.6	24.1
12H	24.4	24.9	24.9	25.4	25.8	22.6	23.1	23.1	23.5	24.0
12H 4H	24.6	25.3	25.0	25.6	26.0	22.7	23.4	23.1	23.8	24.2
6H	24.5	25.0	24.9	25.5	25.9	22.6	23.2	23.1	23.6	24.1
8H	24.4	24.9	24.9	25.4	25.8	22.6	23.1	23.1	23.5	24.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 1.0					+ 0.7 / - 1.4				
1.5H	+ 0.5 / - 0.9					+ 0.8 / - 1.6				
2.0H	+ 1.7 / - 1.9					+ 1.7 / - 5.9				

CIE Pub.117, 944.1 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.2$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A

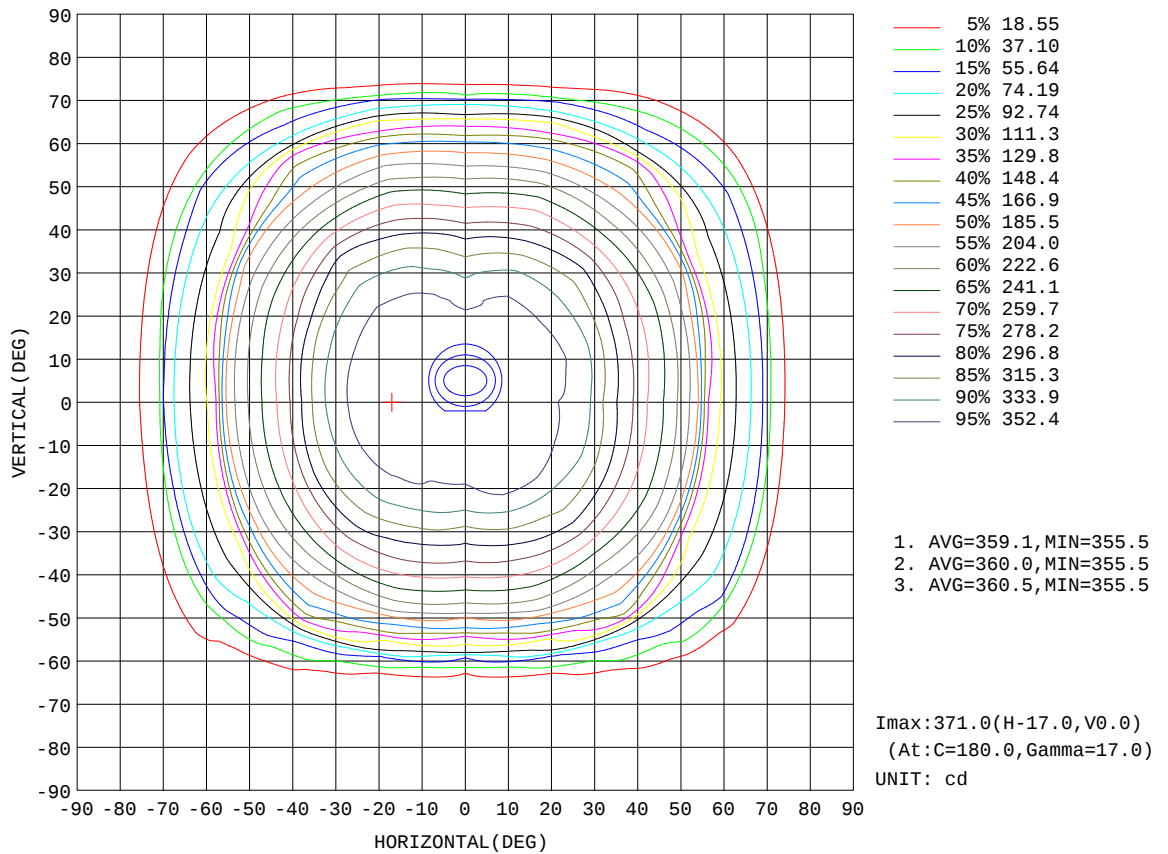
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	43	59	49	43	37
0.80	72	61	54	71	61	54	69	60	54	47
1.00	81	71	64	80	70	64	78	71	64	57
1.25	88	79	73	87	78	72	84	77	71	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	92	87	97	91	86	94	89	84	77
2.50	102	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
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:24.5DEG
Operators:William
Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A

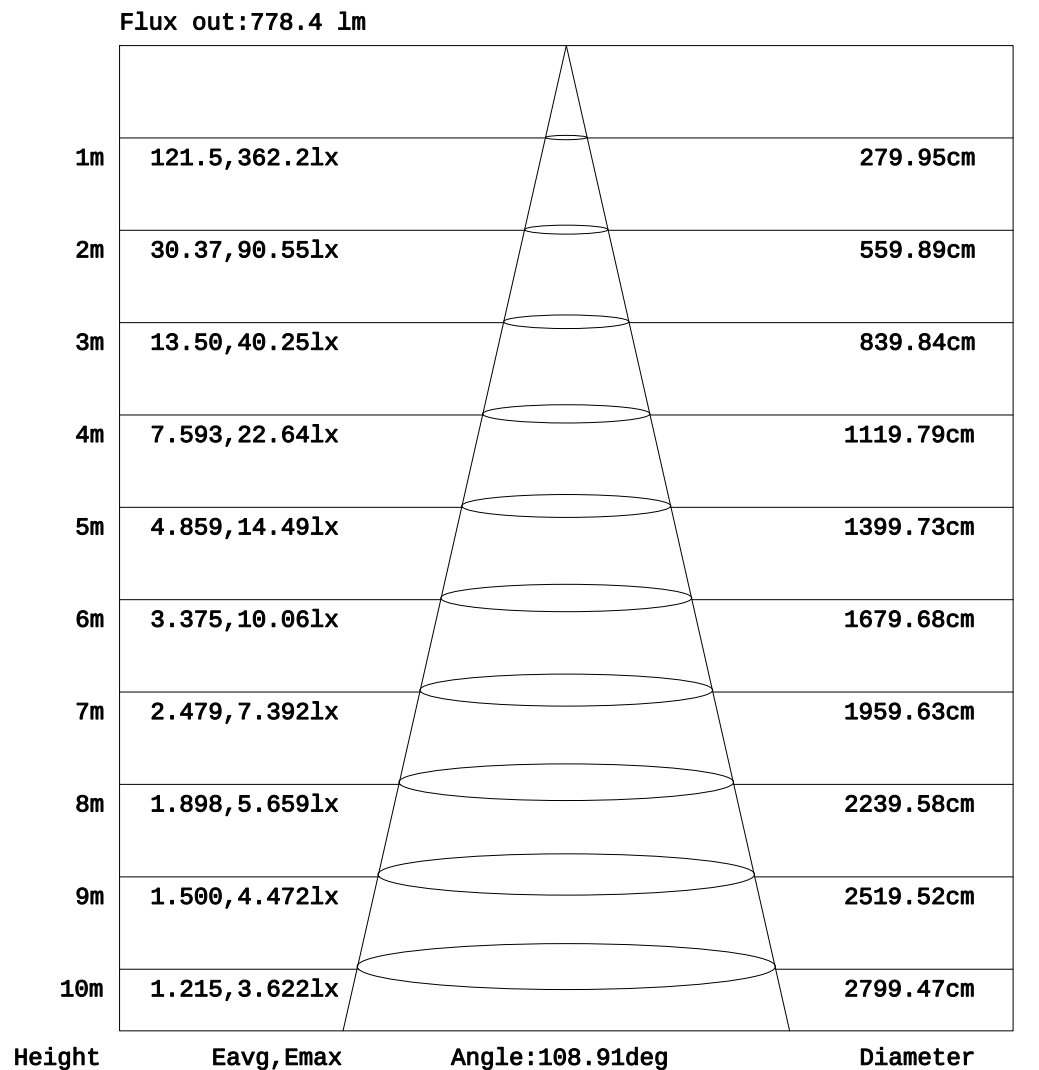


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

AAI Figure

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A



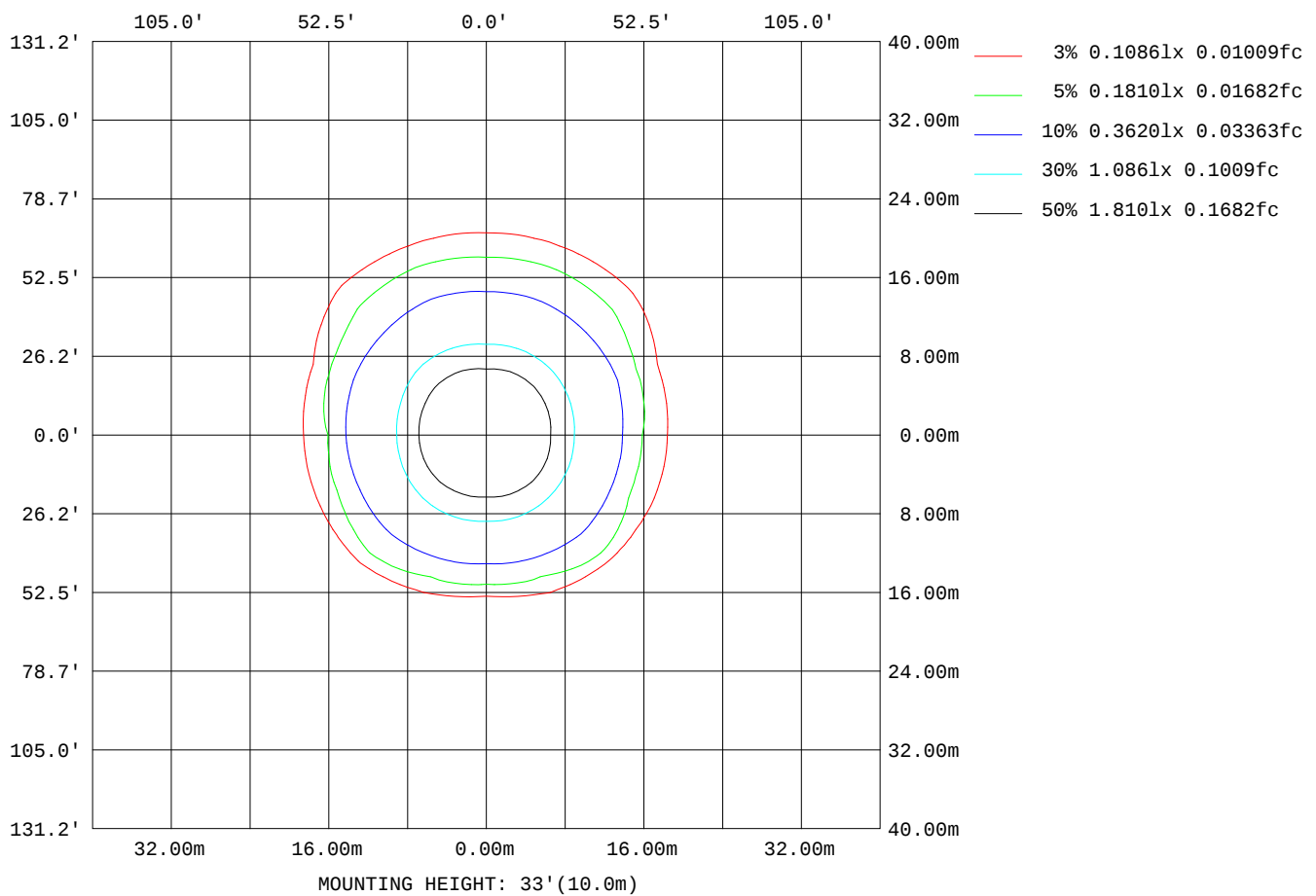
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2019-06-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

ISOLUX DIAGRAM

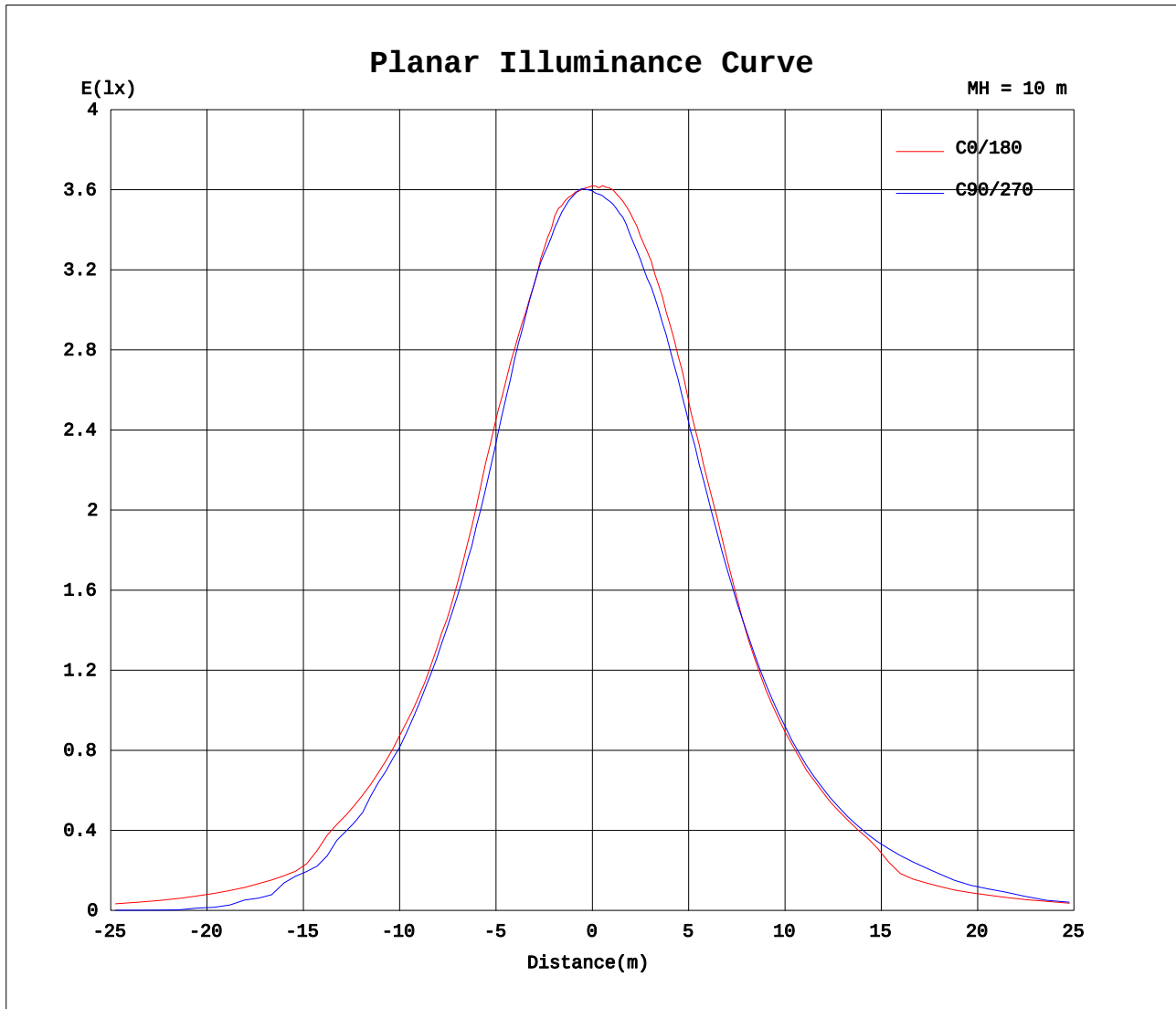
Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:William
Test Date:2019-06-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.5DEG
Operators: William
Test Date: 2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.366
Humidity: 65.7%
Test Distance: 26.000m [K=1.3952]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.12V I:0.0947A P:9.7576W PF:0.4679 Freq:50.01Hz Lamp Flux:944.058x1 lm																	
NAME: LED Floodlight									TYPE:LED						WEIGHT:N/A		
SPEC.:N/A									DIM.:						SERIAL No.:N/A		
MFR.: Futlight Optoelectronics Co.,Ltd									SUR.:						Shielding Angle:N/A		

Table--1

UNIT: cd

C (DEG) γ (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	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361			
5	362	363	360	363	364	364	363	360	364	364	360	359	360	357	360	362			
10	366	364	362	367	362	365	361	360	367	365	361	361	360	358	361	366			
15	360	360	365	366	361	362	359	362	368	365	364	363	357	359	363	369			
20	353	357	360	360	351	352	357	361	368	367	363	362	355	357	361	365			
25	345	347	346	346	335	343	348	357	361	361	361	357	346	357	353	354			
30	327	331	326	321	311	323	333	340	342	346	350	345	332	345	340	342			
35	296	305	306	296	287	296	311	318	317	327	336	329	311	323	323	312			
40	271	274	275	270	263	271	281	285	281	295	314	304	287	295	299	282			
45	246	249	239	241	232	244	248	251	251	264	283	276	261	270	264	258			
50	217	217	208	209	186	211	213	222	224	238	244	247	233	241	231	230			
55	158	159	177	156	118	157	179	177	191	205	208	216	203	208	201	199			
60	107	103	111	87.3	50.1	84.9	126	106	110	136	174	181	171	173	167	116			
65	80.8	77.3	50.2	15.5	4.89	15.1	50.8	81.0	87.1	93.2	136	126	123	122	118	89.1			
70	45.9	36.9	10.5	2.31	2.15	2.37	10.9	37.7	55.1	66.1	62.0	72.0	61.3	68.3	57.5	62.3			
75	15.8	3.98	0.96	0.68	0.59	0.67	1.11	12.1	19.7	22.8	30.0	13.2	11.2	11.8	28.1	20.0			
80	0.74	0.44	0.15	0.00	0.00	0.00	0.08	0.74	0.07	0.81	1.40	2.53	2.95	2.51	1.54	1.11			
85	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	1.34	1.63	1.33	0.37	0.00			
90	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			
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			
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			
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			
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			
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			
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			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	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	0.15	0.07	0.07	0.08	0.00	0.00	0.07	0.07			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.07	0.07	0.07	0.07	0.07	0.07	0.15			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.22			
145	0.00	0.00	0.00	0.15	0.07	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.22			
150	0.00	0.00	0.00	0.07	0.00	0.07	0.00	0.00	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.22			
155	0.00	0.15	0.00	0.07	0.07	0.07	0.07	0.00	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.22			
160	0.00	0.07	0.00	0.07	0.07	0.07	0.07	0.15	0.15	0.15	0.15	0.15	0.07	0.07	0.07	0.15			
165	0.07	0.07	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.15	0.07	0.07	0.07	0.07	0.07	0.22			
170	0.07	0.07	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07	0.07	0.07			
175	0.07	0.07	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.00	0.07	0.07	0.07	0.07			
180	0.07	0.07	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.00	0.07	0.07	0.07	0.07			

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