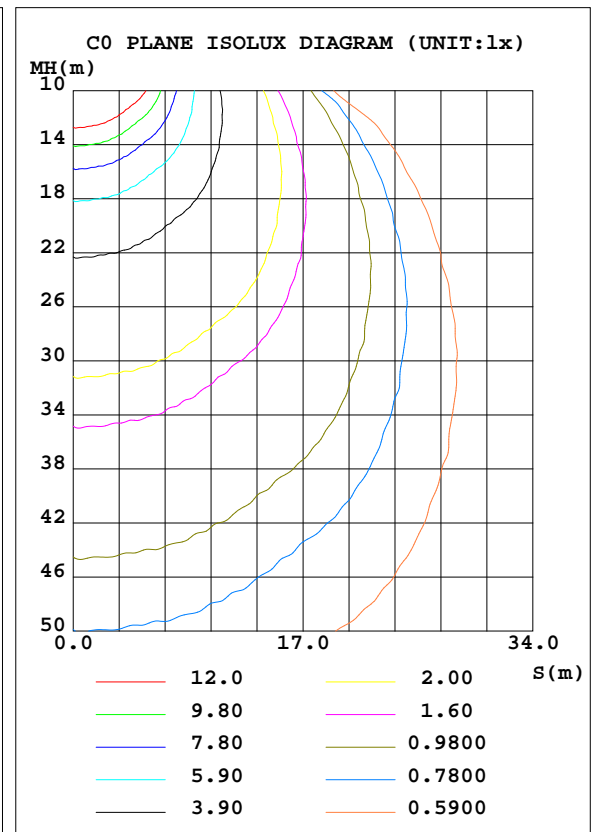
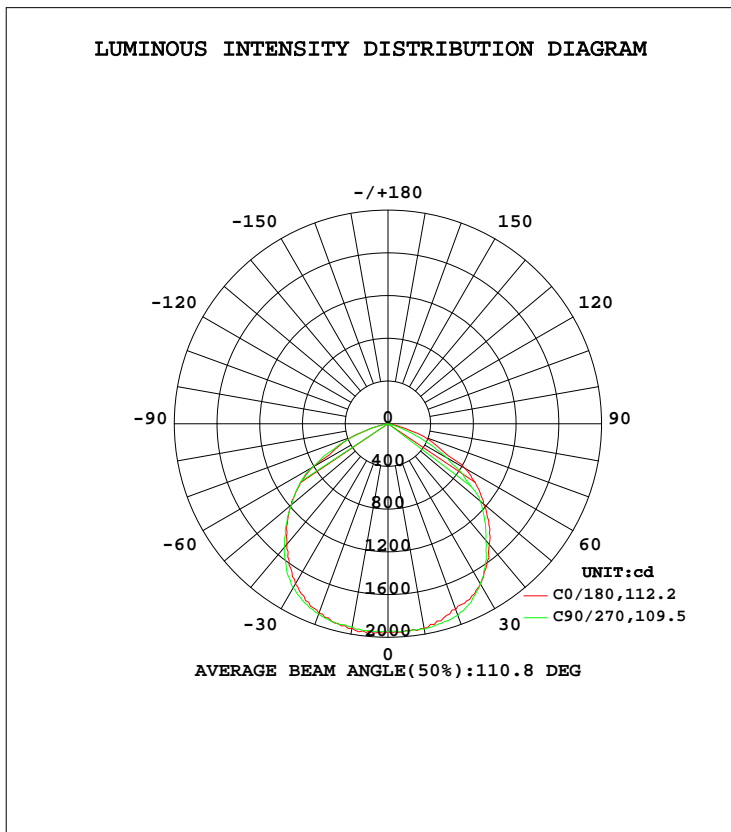


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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: 112.92 lm/W			
MODEL	FUTT02	I _{max} (cd)	1968	S/MH(C0/180)	1.30
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	100-240	TOTAL FLUX(lm)	5264.3	η UP, DN(C0-180)	0.1,48.5
NOMINAL FLUX(lm)	5264.31	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,51.4
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.8	CIBSE SHR MAX	1.35



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 GO-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	1944	1946	1953	1943	1946	1927	1932	1927	0- 10	185.7	185.7	3.53,3.53
20	1851	1900	1909	1889	1888	1887	1896	1885	10- 20	542.3	728.1	13.8,13.8
30	1733	1778	1731	1771	1734	1802	1776	1778	20- 30	844.7	1573	29.9,29.9
40	1477	1553	1423	1541	1474	1595	1511	1580	30- 40	1031	2604	49.5,49.5
50	1166	1193	1129	1176	1180	1256	1181	1251	40- 50	1050	3654	69.4,69.4
60	825.3	817.1	635.9	796.2	814.6	856.4	819.1	863.2	50- 60	901.4	4555	86.5,86.5
70	363.5	254.4	172.0	242.5	360.3	356.9	350.4	388.9	60- 70	541.6	5097	96.8,96.8
80	34.46	10.99	7.079	11.20	29.48	40.29	24.86	45.64	70- 80	149.8	5246	99.7,99.7
90	0.2367	0.1475	0	0.0008	0	0.7236	4.279	1.544	80- 90	9.282	5256	99.8,99.8
100	0	0	0	0	0.1485	0.2214	0.0014	0.2262	90-100	0.0798	5256	99.8,99.8
110	0.0726	0	0	0	0.8110	0.7402	0.5933	0.8138	100-110	0.2235	5256	99.8,99.8
120	0.1446	0.2213	0.1483	0.2196	1.472	1.477	1.265	1.774	110-120	0.5767	5257	99.9,99.9
130	1.322	1.326	1.335	1.183	1.912	1.770	1.707	2.000	120-130	1.106	5258	99.9,99.9
140	2.423	2.360	2.738	2.364	2.352	2.065	2.373	2.440	130-140	1.508	5259	99.9,99.9
150	3.670	3.467	3.633	3.549	3.087	2.805	3.262	3.327	140-150	1.804	5261	99.9,99.9
160	3.819	3.835	4.151	3.696	4.040	3.762	4.226	4.067	150-160	1.696	5263	100,100
170	4.185	4.497	4.745	4.503	4.408	4.425	4.673	4.805	160-170	1.187	5264	100,100
180	4.627	4.720	4.745	4.731	4.847	4.794	4.893	4.805	170-180	0.4468	5264	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3136.7 lm

%lum = 59.6%
%lamp = 59.6%

Conical surface Flux(120deg): 4555 lm

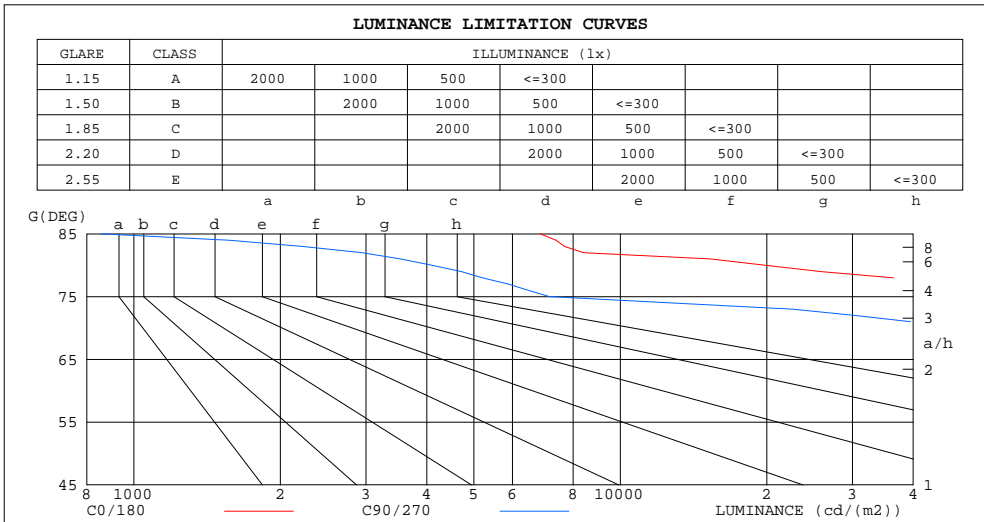
%lum = 86.5%
%lamp = 86.5%

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 GO-R5000_V2 SYSTEM V2.0.366
Humidity:65.7%
Test Distance:26.000m [K=1.3952]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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	6844	855
80	19794	4093
75	63275	7145
70	106013	50504
65	123648	88653
60	164638	127686
55	176713	152822
50	181007	176326
45	188442	181873

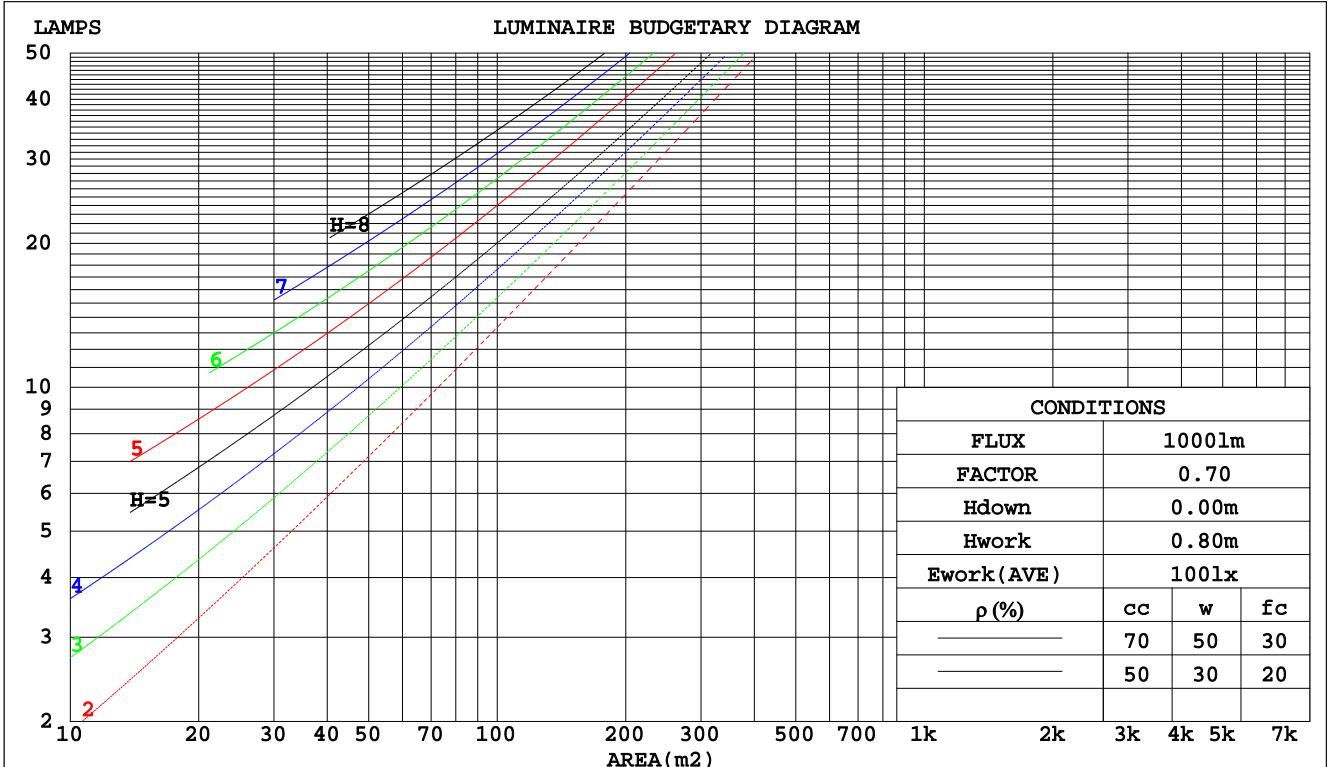
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-06-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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

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	1.06	1.02	.99	1.04	1.00	.97	.90	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.67	.76	.70	.66	.73	.69	.65	.63
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.68	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.55	.50	.59	.53	.49	.47
6.0	.59	.51	.45	.58	.50	.44	.57	.49	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.41	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33
9.0	.45	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

WEC AND CCEC

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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

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	.267	.152	.048	.260	.148	.047	.247	.142	.045	.235	.135	.043	.223	.130	.042	
2.0	.261	.143	.044	.255	.141	.043	.244	.136	.042	.233	.131	.041	.223	.126	.040	
3.0	.248	.132	.040	.243	.130	.039	.232	.126	.038	.223	.122	.037	.214	.119	.037	
4.0	.233	.121	.036	.228	.119	.035	.219	.116	.035	.211	.113	.034	.203	.110	.034	
5.0	.218	.111	.032	.214	.110	.032	.206	.107	.032	.198	.105	.031	.191	.102	.031	
6.0	.204	.102	.029	.200	.101	.029	.193	.099	.029	.186	.097	.028	.180	.095	.028	
7.0	.191	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.085	.024	.166	.084	.024	.160	.082	.024	
9.0	.169	.082	.023	.166	.081	.023	.161	.080	.023	.156	.078	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.152	.075	.021	.148	.074	.021	.144	.072	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.179	.158	.139	.153	.135	.120	.105	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.169	.133	.103	.145	.115	.089	.099	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.162	.115	.079	.138	.100	.068	.095	.069	.048	.055	.040	.028	.018	.013	.009	
4.0	.154	.102	.062	.132	.088	.054	.091	.061	.038	.053	.036	.022	.017	.012	.007	
5.0	.147	.091	.050	.126	.079	.044	.087	.055	.031	.050	.032	.018	.016	.011	.006	
6.0	.140	.083	.042	.121	.072	.036	.083	.050	.026	.048	.030	.015	.016	.010	.005	
7.0	.134	.076	.036	.115	.066	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.031	.110	.061	.027	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.027	.105	.057	.024	.073	.040	.017	.042	.024	.010	.014	.008	.003	
10.0	.117	.061	.024	.101	.053	.021	.070	.037	.015	.041	.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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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	30.9	32.4	31.2	32.6	32.8	30.2	31.6	30.4	31.8	32.0
3H	31.7	33.0	32.0	33.3	33.5	30.5	31.8	30.8	32.1	32.3
4H	31.8	33.1	32.1	33.3	33.6	30.4	31.7	30.7	31.9	32.2
6H	31.8	32.9	32.1	33.2	33.5	30.3	31.5	30.6	31.8	32.0
8H	31.7	32.9	32.1	33.1	33.4	30.3	31.4	30.6	31.7	32.0
12H	31.7	32.8	32.0	33.0	33.4	30.2	31.3	30.6	31.6	31.9
4H 2H	31.3	32.5	31.6	32.8	33.0	30.7	31.9	31.0	32.2	32.4
3H	32.2	33.2	32.5	33.5	33.8	31.0	32.1	31.4	32.4	32.7
4H	32.3	33.3	32.7	33.6	33.9	31.0	32.0	31.3	32.3	32.6
6H	32.3	33.1	32.7	33.5	33.9	30.9	31.7	31.3	32.1	32.5
8H	32.2	33.0	32.6	33.4	33.8	30.8	31.6	31.2	32.0	32.4
12H	32.2	32.9	32.6	33.3	33.7	30.8	31.5	31.2	31.9	32.3
8H 4H	32.2	33.0	32.6	33.4	33.8	30.9	31.7	31.4	32.1	32.5
6H	32.2	32.9	32.6	33.3	33.7	30.9	31.5	31.3	31.9	32.3
8H	32.2	32.7	32.6	33.2	33.6	30.8	31.4	31.3	31.8	32.3
12H	32.1	32.6	32.6	33.1	33.6	30.8	31.3	31.3	31.7	32.2
12H 4H	32.2	32.9	32.6	33.3	33.7	30.9	31.6	31.3	32.0	32.4
6H	32.2	32.7	32.6	33.2	33.6	30.8	31.4	31.3	31.8	32.3
8H	32.1	32.6	32.6	33.1	33.5	30.8	31.3	31.3	31.7	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.6 / - 1.0					+ 0.7 / - 1.0				
2.0H	+ 0.4 / - 1.0					+ 0.9 / - 1.2				

CIE Pub.117, 5264 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.8)

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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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

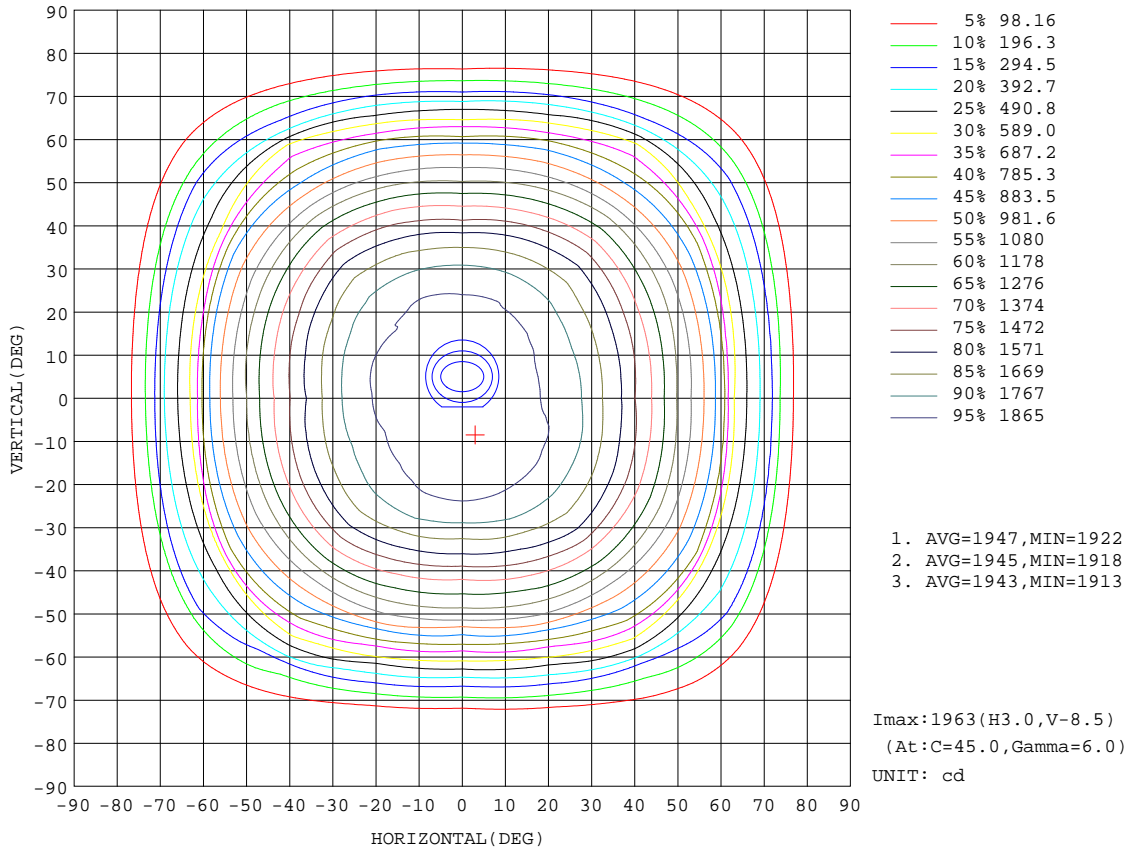
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	48	42	58	48	41	35
0.80	70	59	52	69	59	52	68	58	52	45
1.00	79	69	62	78	68	62	76	69	61	55
1.25	86	77	70	85	76	70	82	75	69	62
1.50	91	82	76	90	81	76	87	80	74	67
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	95	89	99	93	88	96	91	86	79
3.00	105	99	94	102	97	93	99	94	90	82
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	103	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:24.5DEG
 Operators:William
 Test Date:2019-06-05

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

ISOCANDELA DIAGRAM

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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

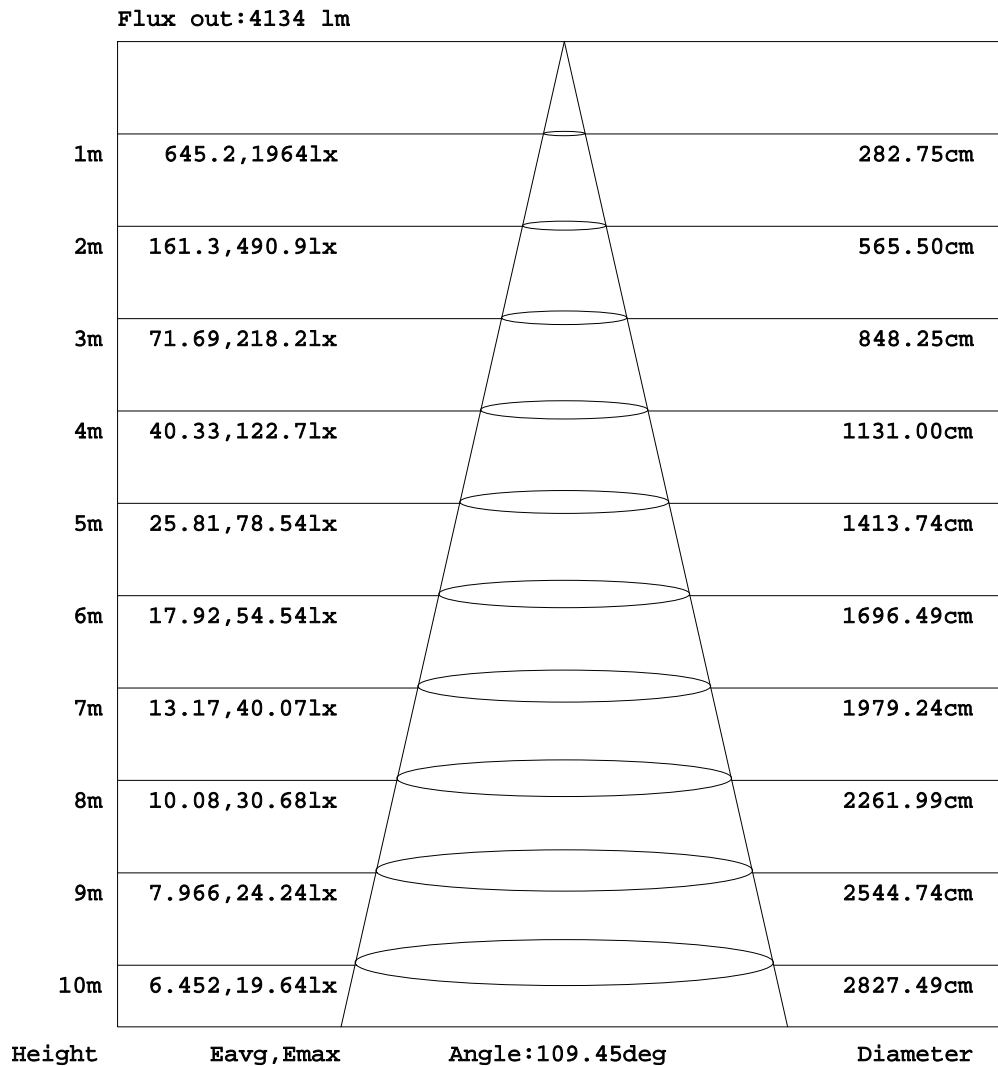


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.5DEG
 Operators:William
 Test Date:2019-06-05

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

AAI Figure

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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



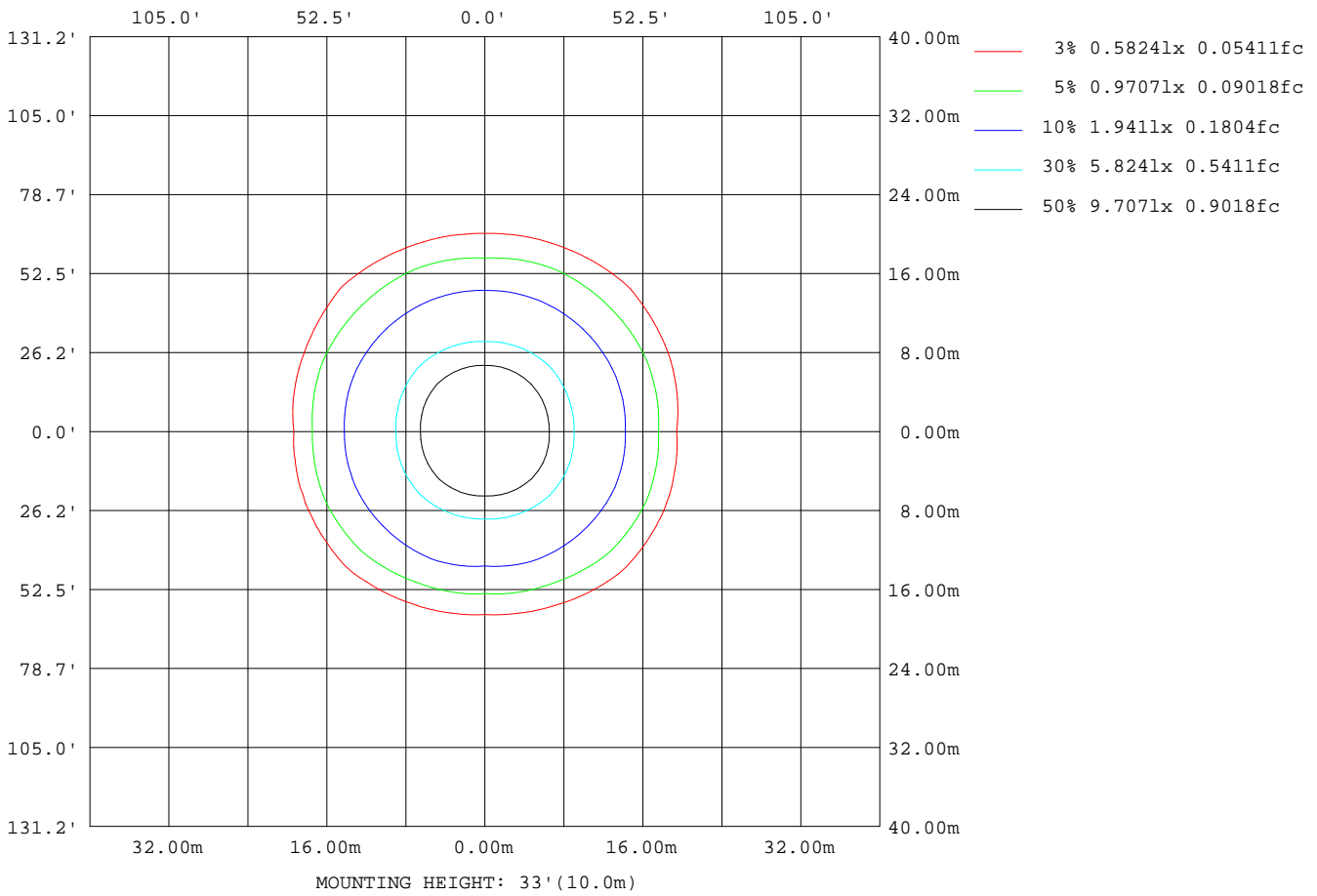
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.7%
 Test Distance:26.000m [K=1.3952]
 Remarks:

ISOLUX DIAGRAM

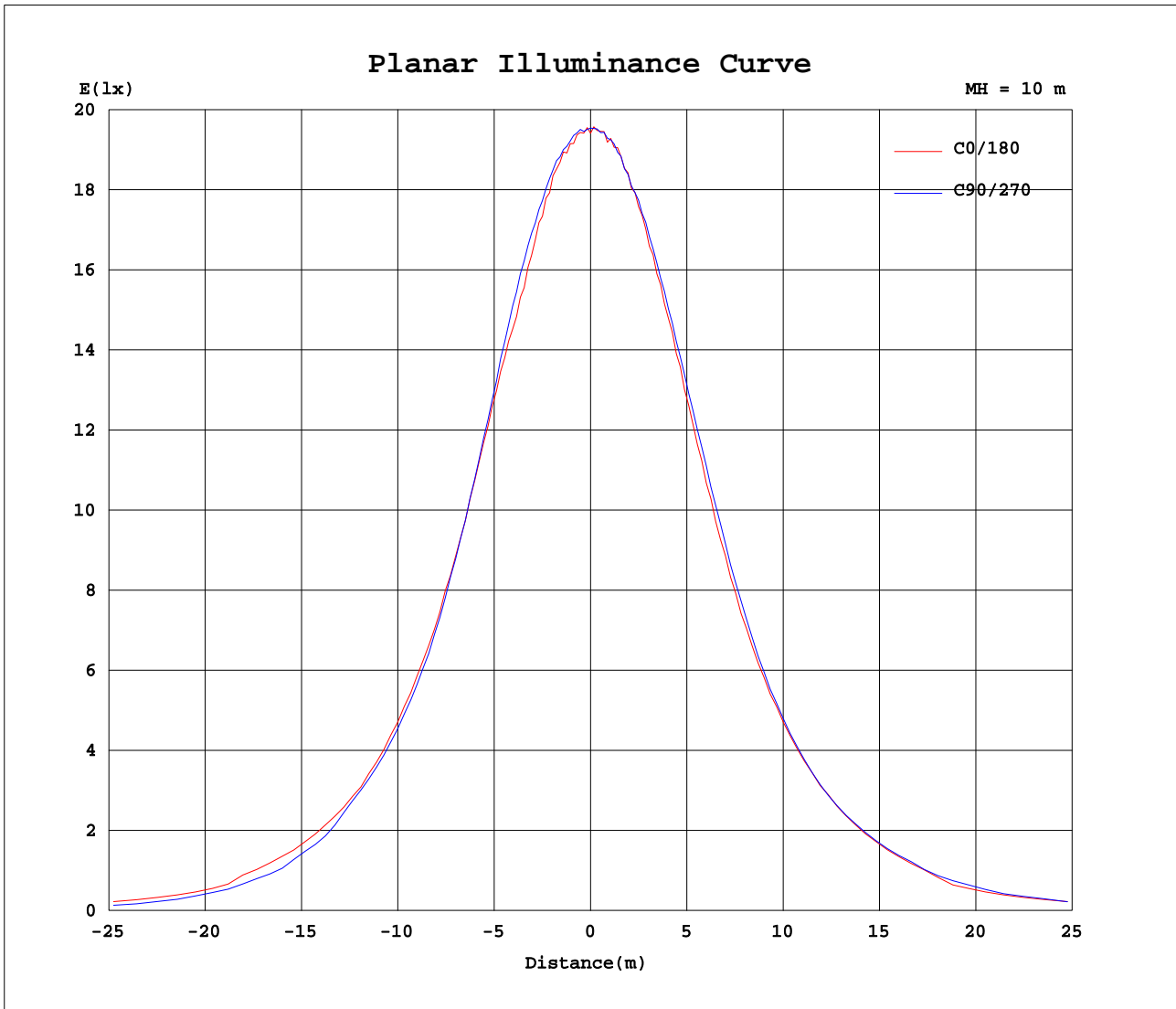
Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 lm		
NAME: LED Floodlight	TYPE:LED	WEIGHT:N/A
SPEC.:N/A	DIM.:	SERIAL No.:N/A
MFR.: Futlight Optoelectronics Co.,Ltd	SUR.:	Shielding Angle:N/A



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 GO-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 GO-R5000_V2 SYSTEM V2.0.366
Humidity: 65.7%
Test Distance: 26.000m [K=1.3952]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.2246A P:46.622W PF:0.9434 Freq:50.01Hz Lamp Flux:5264.31x1 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	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946			
5	1943	1943	1957	1955	1950	1954	1947	1940	1946	1946	1947	1949	1943	1948	1941	1954			
10	1944	1927	1946	1945	1953	1944	1943	1932	1946	1930	1927	1947	1932	1947	1927	1936			
15	1911	1899	1933	1920	1935	1921	1920	1910	1932	1907	1912	1933	1925	1928	1916	1911			
20	1851	1862	1900	1893	1909	1898	1889	1869	1888	1867	1887	1899	1896	1893	1885	1866			
25	1814	1813	1845	1836	1844	1845	1839	1813	1828	1812	1858	1859	1849	1851	1836	1812			
30	1733	1735	1778	1761	1731	1762	1771	1740	1734	1735	1802	1784	1776	1778	1778	1741			
35	1614	1641	1680	1635	1590	1631	1674	1645	1616	1635	1714	1677	1660	1672	1691	1633			
40	1477	1517	1553	1482	1423	1472	1541	1517	1474	1513	1595	1546	1511	1542	1580	1515			
45	1336	1362	1367	1318	1281	1303	1364	1358	1336	1376	1430	1398	1352	1382	1428	1377			
50	1166	1207	1193	1162	1129	1157	1176	1184	1180	1223	1256	1223	1181	1216	1251	1220			
55	1016	1030	1002	950	873	943	986	1021	1016	1054	1057	1048	1026	1044	1051	1055			
60	825	845	817	668	636	659	796	824	815	870	856	873	819	871	863	873			
65	524	520	561	433	373	429	537	501	524	549	671	616	557	625	676	564			
70	363	353	254	207	172	192	242	341	360	380	357	355	350	361	389	393			
75	164	148	99.9	35.8	18.4	30.0	87.4	137	160	172	176	163	145	171	178	185			
80	34.5	25.3	11.0	8.15	7.08	8.03	11.2	22.2	29.5	30.9	40.3	24.4	24.9	28.5	45.6	46.7			
85	5.98	4.84	2.55	1.20	0.74	0.84	2.03	4.34	5.24	7.56	11.1	14.3	15.7	15.0	11.7	8.66			
90	0.24	0.15	0.15	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.72	3.05	4.28	2.70	1.54	0.29			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	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	0.15	0.22	0.22	0.08	0.00	0.08	0.23	0.30			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.51	0.44	0.23	0.22	0.37	0.52	0.52			
110	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.07	0.81	0.66	0.74	0.66	0.59	0.52	0.81	0.96			
115	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.07	1.32	1.10	1.18	1.03	0.97	0.89	1.26	1.41			
120	0.14	0.14	0.22	0.22	0.15	0.22	0.22	0.15	1.47	1.54	1.48	1.40	1.27	1.41	1.77	1.70			
125	0.80	0.87	1.02	1.17	1.11	0.74	0.81	0.74	1.69	1.69	1.55	1.40	1.63	1.41	1.85	1.85			
130	1.32	1.32	1.33	1.40	1.33	1.18	1.18	1.18	1.91	1.76	1.77	1.63	1.71	1.78	2.00	2.07			
135	1.69	1.68	1.77	2.14	2.00	1.77	1.40	1.63	2.06	1.83	1.77	1.99	2.22	2.15	2.15	2.37			
140	2.42	2.34	2.36	2.66	2.74	2.66	2.36	2.44	2.35	2.19	2.07	2.29	2.37	2.52	2.44	2.59			
145	2.94	2.85	2.73	3.62	3.56	3.26	2.74	2.67	2.57	2.42	2.44	2.73	2.67	2.89	2.81	2.96			
150	3.67	3.65	3.47	3.76	3.63	3.63	3.55	3.41	3.09	2.85	2.81	3.40	3.26	3.33	3.33	3.41			
155	3.67	3.80	3.69	3.91	3.86	3.85	3.62	3.55	3.60	3.29	3.39	3.77	3.86	3.85	3.62	3.85			
160	3.82	3.88	3.84	4.06	4.15	3.85	3.70	3.70	4.04	3.73	3.76	3.99	4.23	4.22	4.07	4.07			
165	4.04	3.95	4.13	4.58	4.74	4.07	4.21	4.07	4.04	4.02	4.06	4.13	4.30	4.37	4.36	4.22			
170	4.19	4.10	4.50	4.65	4.75	4.66	4.50	4.22	4.41	4.39	4.43	4.50	4.67	4.67	4.81	4.52			
175	4.63	4.61	4.72	4.80	4.75	4.81	4.73	4.74	4.85	4.68	4.87	4.80	4.97	4.81	4.81	4.74			
180	4.63	4.83	4.72	4.95	4.75	4.81	4.73	4.74	4.85	4.61	4.79	4.72	4.89	4.74	4.81	4.74			

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