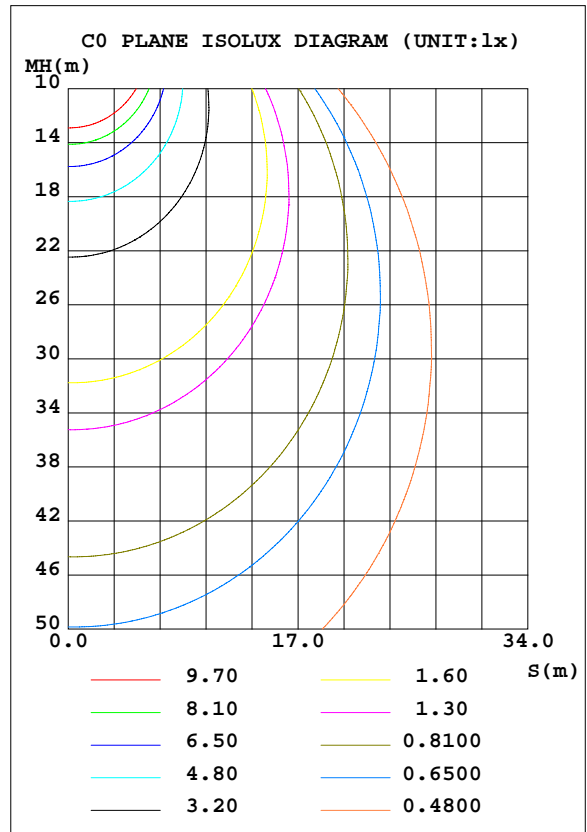
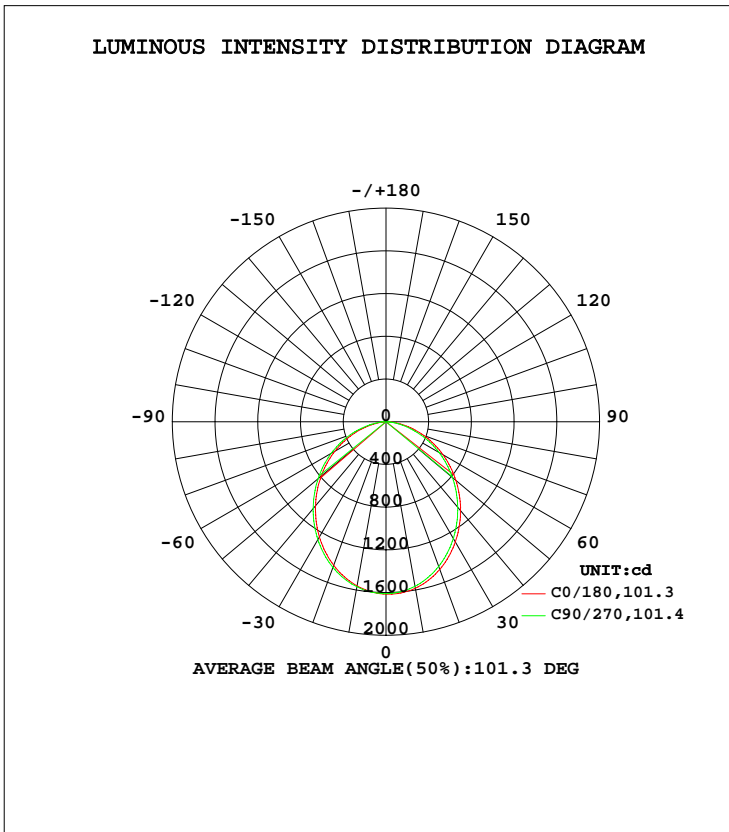


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.89 lm/W			
MODEL	Z0300DE30WSS-36.5V-750MA-12C8B	Imax(cd)	1615	S/MH(C0/180)	1.16
NOMINAL POWER(W)	45.8559	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4076.0	η UP, DN(C0-180)	0.3,49.7
NOMINAL FLUX(lm)	4076.03	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.3,49.7
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.1	η down(%)	99.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [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	1583	1580	1564	1554	1561	1558	1570	1581	0- 10	151.7	151.7	3.72,3.72
20	1472	1468	1442	1423	1431	1429	1452	1474	10- 20	427.4	579.2	14.2,14.2
30	1299	1295	1262	1236	1247	1243	1275	1303	20- 30	628.4	1208	29.6,29.6
40	1086	1082	1045	1017	1027	1025	1061	1092	30- 40	728.7	1936	47.5,47.5
50	855.5	850.8	812.3	783.0	793.4	791.1	830.0	862.2	40- 50	724.7	2661	65.3,65.3
60	615.0	612.6	572.8	543.4	552.9	552.2	592.1	624.2	50- 60	628.4	3289	80.7,80.7
70	376.4	373.0	332.9	304.7	315.7	315.2	354.5	385.6	60- 70	458.5	3748	91.9,91.9
80	155.3	152.9	118.9	95.26	103.7	102.9	134.4	161.8	70- 80	245.5	3993	98,98
90	11.24	12.58	1.155	1.150	1.123	1.093	3.474	13.03	80- 90	59.45	4053	99.4,99.4
100	2.326	1.940	1.566	1.625	1.577	1.444	1.289	1.914	90-100	2.191	4055	99.5,99.5
110	2.924	2.844	2.629	2.701	2.651	2.591	2.417	2.666	100-110	2.327	4057	99.5,99.5
120	3.453	3.492	3.659	3.422	3.164	3.181	3.043	3.480	110-120	3.002	4060	99.6,99.6
130	4.392	4.585	4.739	4.148	4.027	4.156	3.858	3.989	120-130	3.410	4064	99.7,99.7
140	5.029	5.131	5.144	5.016	4.799	5.063	4.576	4.723	130-140	3.559	4067	99.8,99.8
150	5.963	5.993	6.024	5.913	5.641	5.931	5.332	5.443	140-150	3.360	4071	99.9,99.9
160	6.546	6.568	6.693	6.684	6.650	6.517	5.936	6.013	150-160	2.833	4073	99.9,99.9
170	6.972	6.962	7.054	7.027	7.205	7.006	6.908	6.711	160-170	1.900	4075	100,100
180	7.416	7.356	7.329	7.327	7.421	7.335	7.275	7.329	170-180	0.6773	4076	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2305.3 lm

%lum = 56.6%  
 %lamp = 56.6%

Conical surface Flux(120deg): 3289.3 lm

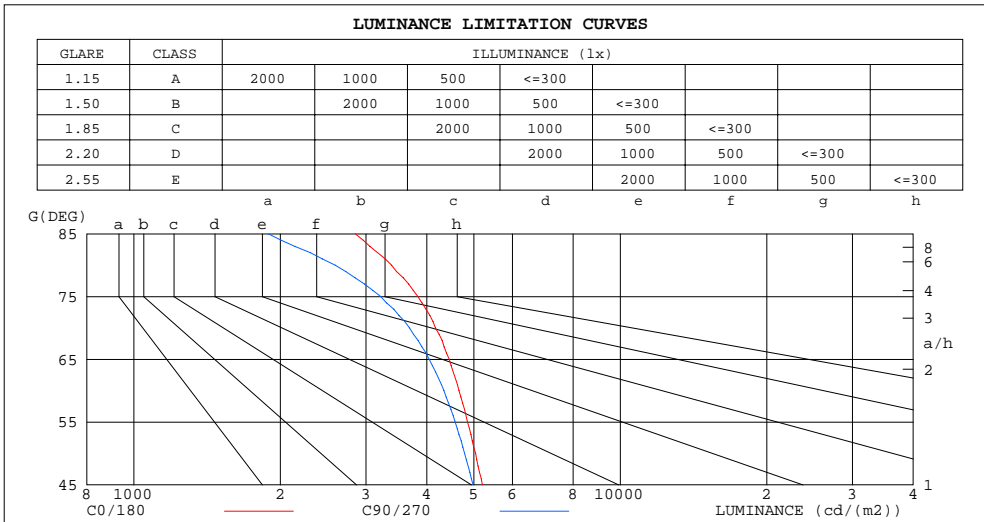
%lum = 80.7%  
 %lamp = 80.7%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2851	1890
80	3386	2594
75	3836	3217
70	4168	3686
65	4449	4048
60	4658	4338
55	4852	4575
50	5040	4785
45	5206	4982

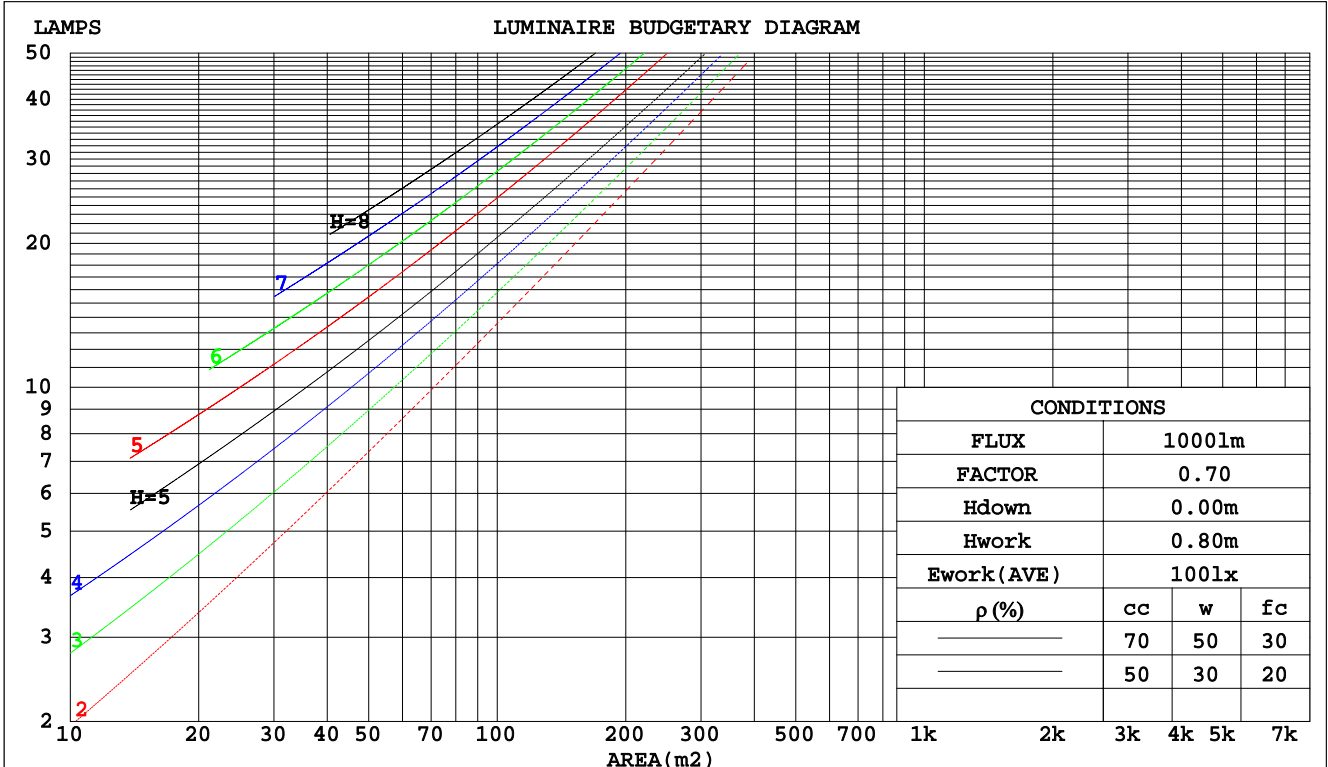
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A

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	.99
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.90	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.37	.32	.27	.26



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	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	.296	.168	.053	.288	.165	.052	.275	.158	.050	.263	.151	.049	.251	.146	.047	
2.0	.280	.154	.047	.274	.151	.046	.262	.146	.045	.251	.141	.044	.241	.136	.043	
3.0	.261	.139	.042	.255	.137	.041	.245	.133	.040	.235	.129	.039	.226	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.227	.121	.036	.219	.117	.035	.211	.114	.035	
5.0	.224	.114	.033	.220	.113	.033	.211	.110	.032	.204	.107	.032	.196	.105	.032	
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.190	.099	.029	.184	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.178	.091	.027	.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	.168	.082	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022	
10.0	.161	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.184	.161	.140	.157	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.175	.136	.104	.150	.117	.090	.103	.081	.063	.059	.047	.037	.019	.015	.012	
3.0	.167	.119	.080	.143	.102	.069	.098	.071	.049	.057	.042	.029	.018	.013	.009	
4.0	.159	.105	.064	.137	.091	.056	.094	.063	.039	.054	.037	.023	.018	.012	.008	
5.0	.152	.095	.053	.131	.082	.046	.090	.057	.032	.052	.034	.019	.017	.011	.006	
6.0	.145	.086	.044	.125	.075	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.138	.079	.038	.119	.069	.033	.082	.048	.024	.048	.028	.014	.015	.009	.005	
8.0	.132	.074	.034	.113	.064	.029	.079	.045	.021	.046	.026	.012	.015	.009	.004	
9.0	.126	.069	.030	.108	.060	.026	.075	.042	.019	.044	.025	.011	.014	.008	.004	
10.0	.120	.064	.027	.104	.056	.024	.072	.039	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	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	18.4	19.9	18.7	20.1	20.3	18.1	19.6	18.4	19.8	20.0
3H	19.8	21.2	20.2	21.4	21.7	19.4	20.8	19.7	21.0	21.3
4H	20.4	21.7	20.7	22.0	22.2	19.9	21.2	20.2	21.5	21.7
6H	20.8	22.0	21.2	22.3	22.6	20.2	21.4	20.5	21.7	22.0
8H	20.9	22.1	21.3	22.4	22.7	20.3	21.4	20.6	21.7	22.0
12H	21.0	22.1	21.4	22.4	22.8	20.3	21.4	20.6	21.7	22.0
4H 2H	19.0	20.3	19.3	20.5	20.8	18.7	20.0	19.1	20.3	20.6
3H	20.6	21.7	21.0	22.0	22.4	20.3	21.4	20.6	21.7	22.0
4H	21.3	22.4	21.7	22.7	23.0	20.9	21.9	21.2	22.2	22.6
6H	21.8	22.8	22.3	23.1	23.5	21.3	22.2	21.7	22.5	22.9
8H	22.0	22.9	22.4	23.2	23.6	21.4	22.2	21.8	22.6	23.0
12H	22.1	22.9	22.6	23.3	23.7	21.4	22.2	21.8	22.6	23.0
8H 4H	21.6	22.4	22.0	22.8	23.2	21.1	22.0	21.6	22.4	22.8
6H	22.2	22.9	22.7	23.4	23.8	21.7	22.4	22.1	22.8	23.2
8H	22.5	23.1	23.0	23.6	24.0	21.9	22.5	22.3	22.9	23.4
12H	22.7	23.2	23.2	23.7	24.2	22.0	22.5	22.4	23.0	23.4
12H 4H	21.6	22.3	22.0	22.7	23.1	21.2	21.9	21.6	22.3	22.7
6H	22.3	22.9	22.7	23.3	23.8	21.7	22.4	22.2	22.8	23.3
8H	22.6	23.1	23.1	23.6	24.1	22.0	22.5	22.4	22.9	23.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 4076 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.9)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A

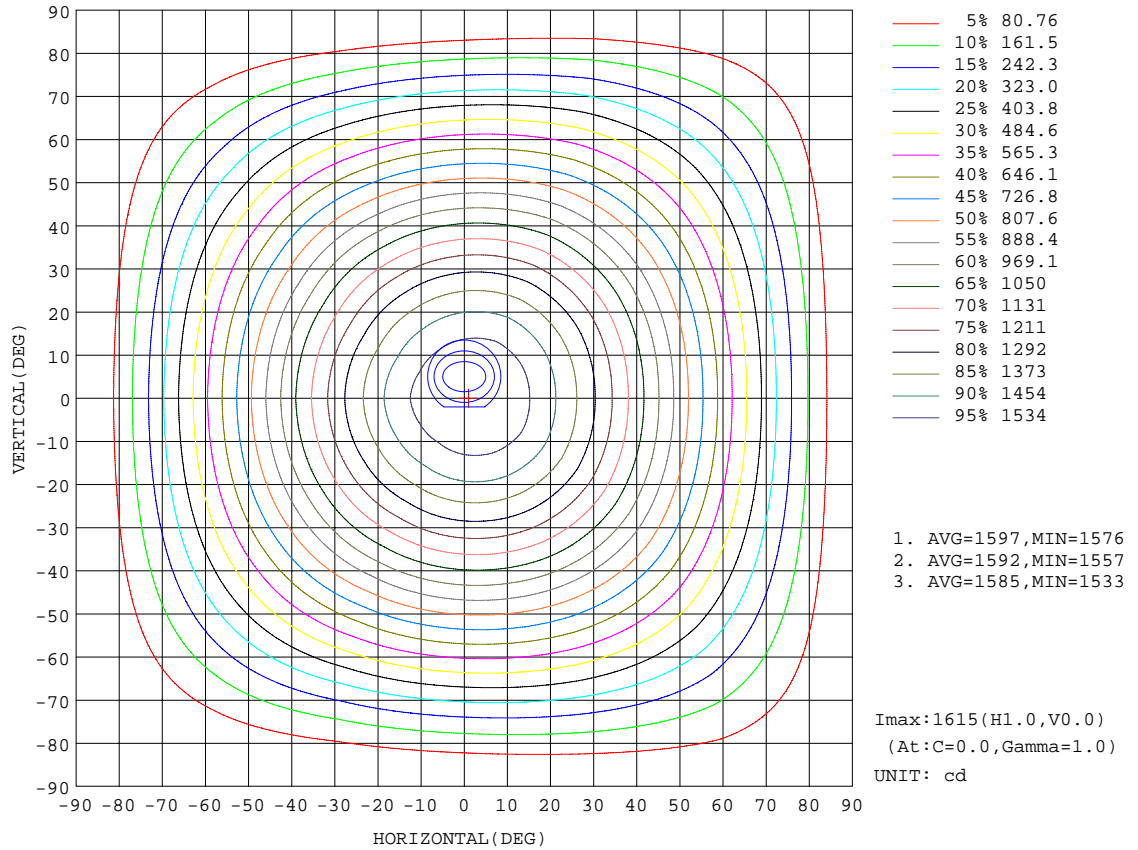
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	48	41	57	47	41	34
0.80	69	58	51	68	57	51	66	57	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	71	64
2.00	96	88	82	94	87	81	91	84	79	71
2.50	100	92	86	98	91	86	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	95	100	96	93	84
5.00	109	104	101	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A



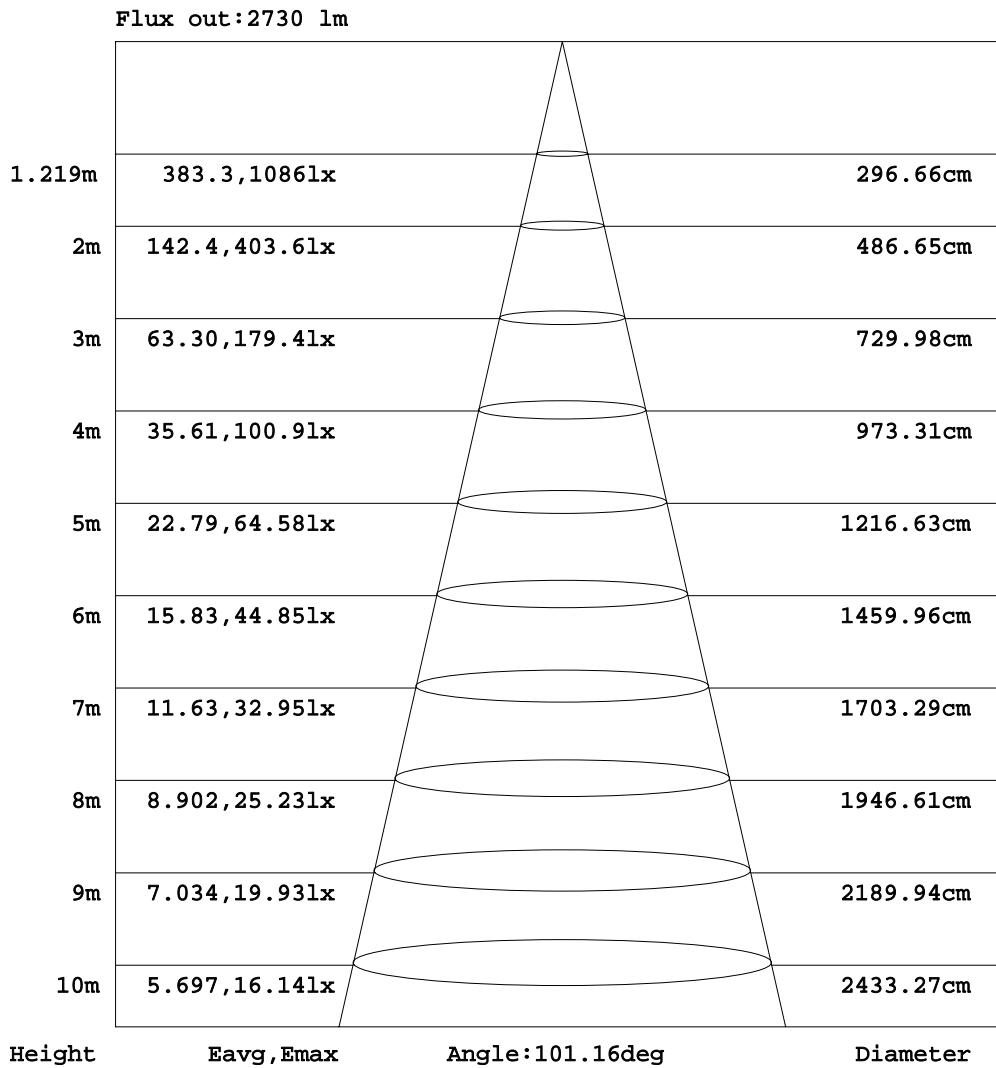
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A



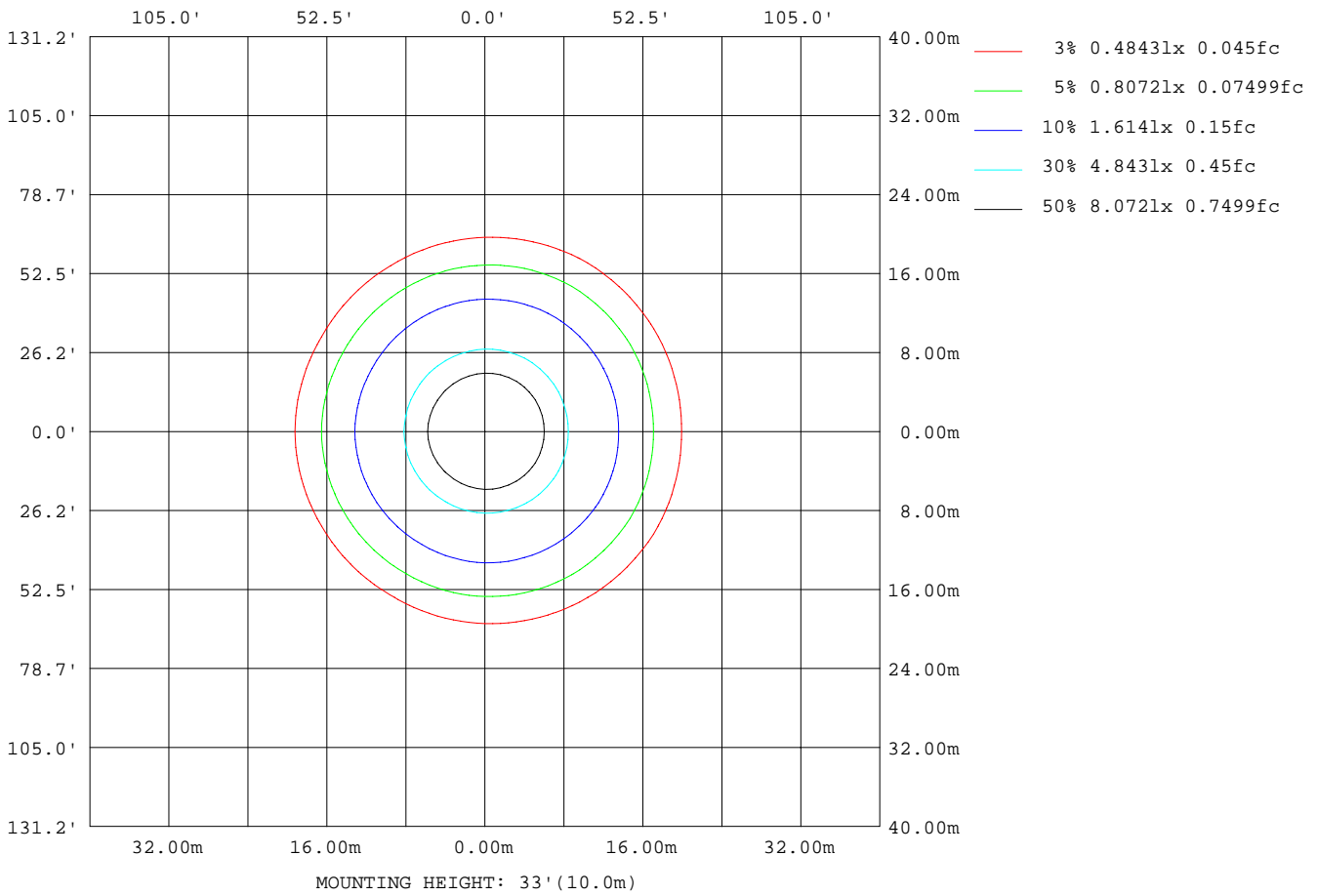
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A

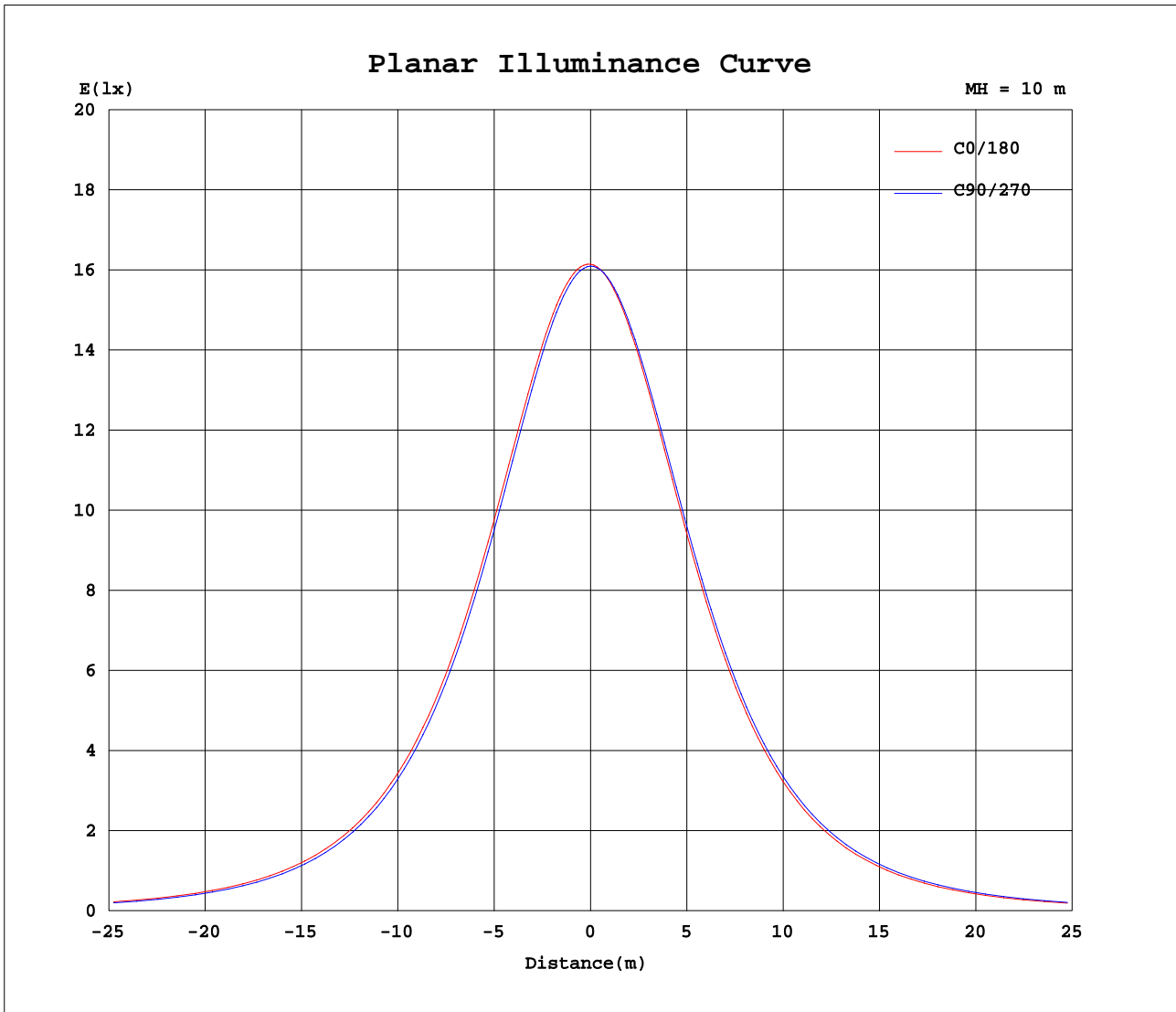
AvgL	cd/m2
L_0~180(65)av	4163
L_0~180(75)av	3411
L_0~180(85)av	2127
L_90~270(65)av	4143
L_90~270(75)av	3360
L_90~270(85)av	2055
L_45(65)av	4154
L_45(75)av	3381
L_45(85)av	2125

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
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 Temperature:25.3DEG  
 Operators:  
 Test Date:2020-10-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:9.585m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2020-10-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 9.585m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.05V I:0.2134A P:45.856W PF:0.9767 Freq:49.99Hz Lamp Flux:4076.03x1 lm		
NAME: MZJ-LED-648R	TYPE:LED 4000K	WEIGHT:N/A
SPEC.:MZJ-LED-648R	DIM.: 605*85mm	SERIAL No.:63
MFR.:	SUR.:D0.580	Shielding Angle:N/A

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1614	1612	1610	1610	1609	1610	1614	1612	1610	1610	1609	1610							
5	1609	1609	1604	1597	1592	1592	1598	1594	1596	1600	1606	1607							
10	1583	1584	1575	1564	1554	1554	1561	1555	1560	1570	1580	1582							
15	1536	1539	1527	1512	1497	1496	1504	1498	1505	1520	1535	1538							
20	1472	1476	1461	1442	1423	1422	1431	1424	1434	1452	1472	1475							
25	1392	1396	1380	1357	1336	1334	1345	1336	1347	1370	1393	1397							
30	1299	1304	1286	1262	1237	1236	1247	1237	1250	1275	1301	1305							
35	1196	1202	1183	1157	1131	1130	1140	1130	1144	1171	1200	1203							
40	1086	1093	1072	1045	1018	1016	1027	1017	1033	1061	1091	1094							
45	972	979	958	930	902	901	910	900	917	947	977	980							
50	856	861	841	812	784	782	793	783	800	830	861	864							
55	735	742	721	693	664	662	674	663	681	711	742	745							
60	615	624	601	573	544	543	553	543	561	592	623	625							
65	496	504	482	452	424	423	433	424	442	473	503	506							
70	376	384	362	333	304	306	316	306	324	354	384	387							
75	262	270	247	220	191	194	204	195	211	239	269	271							
80	155	163	142	119	95.8	94.7	104	96.2	110	134	160	163							
85	65.6	71.9	56.8	43.5	30.1	28.3	32.3	28.6	35.3	51.1	68.8	70.8							
90	11.2	14.5	10.7	1.15	1.16	1.14	1.12	1.14	1.05	3.47	12.7	13.3							
95	2.34	2.16	1.69	1.25	1.28	1.36	1.29	1.20	1.10	1.04	1.55	2.23							
100	2.33	2.19	1.69	1.57	1.59	1.66	1.58	1.50	1.39	1.29	1.65	2.18							
105	2.44	2.38	2.11	2.03	2.28	2.27	2.34	2.31	2.12	1.87	1.98	2.31							
110	2.92	3.05	2.64	2.63	2.67	2.74	2.65	2.63	2.55	2.42	2.57	2.76							
115	3.26	3.14	3.01	3.41	3.09	3.04	2.93	2.76	2.89	2.70	3.04	3.18							
120	3.45	3.47	3.51	3.66	3.38	3.47	3.16	3.18	3.18	3.04	3.45	3.51							
125	3.88	3.98	4.07	4.44	3.63	3.88	3.59	3.62	3.67	3.46	3.49	4.03							
130	4.39	4.44	4.73	4.74	4.09	4.21	4.03	3.99	4.32	3.86	3.94	4.04							
135	4.80	4.91	5.29	4.70	4.47	4.60	4.45	4.34	4.85	4.24	4.33	4.43							
140	5.03	5.33	4.93	5.14	5.10	4.93	4.80	4.74	5.39	4.58	4.72	4.72							
145	5.45	5.71	5.32	5.52	5.59	5.29	5.15	5.26	5.91	4.96	5.06	5.12							
150	5.96	6.05	5.94	6.02	6.02	5.80	5.64	5.77	6.09	5.33	5.39	5.49							
155	6.30	6.36	6.28	6.43	6.39	6.33	6.21	6.19	6.21	5.63	5.71	5.79							
160	6.55	6.60	6.54	6.69	6.69	6.68	6.65	6.54	6.49	5.94	5.98	6.04							
165	6.79	6.81	6.77	6.91	6.88	6.92	6.96	6.80	6.75	6.66	6.25	6.25							
170	6.97	6.98	6.94	7.05	7.01	7.05	7.21	7.01	7.00	6.91	6.97	6.45							
175	7.17	7.18	7.15	7.22	7.15	7.22	7.36	7.23	7.23	7.16	7.18	6.63							
180	7.42	7.37	7.34	7.33	7.31	7.34	7.42	7.32	7.35	7.28	7.33	7.33							

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