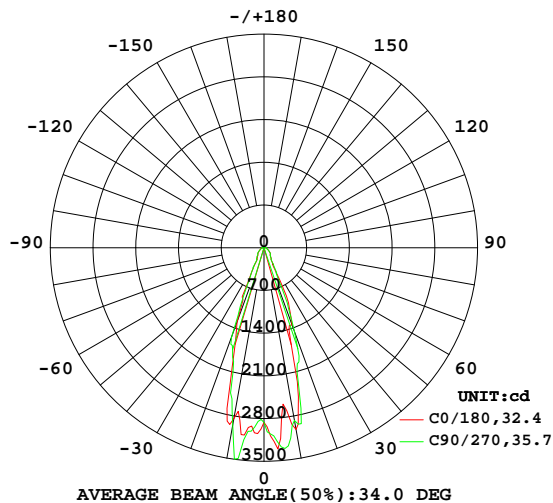


## LUMINAIRE PHOTOMETRIC TEST REPORT

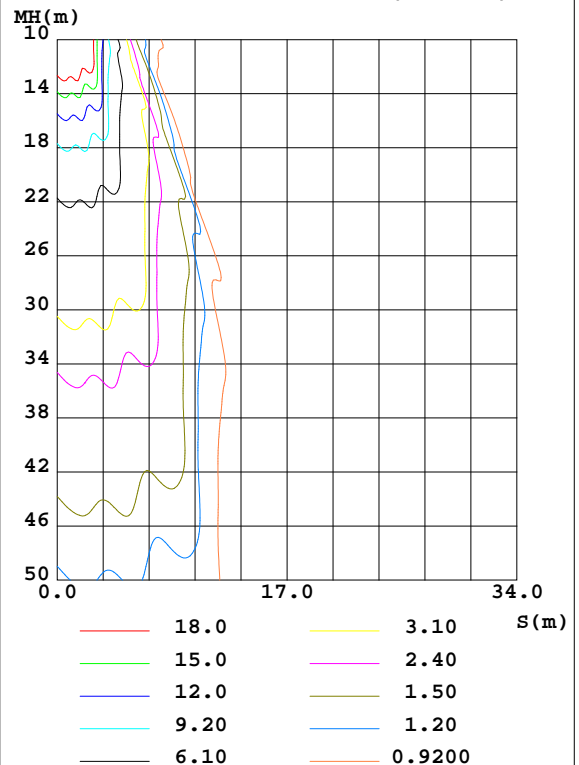
Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.00 lm/W			
MODEL	PSZ2CW230815001-10	Imax(cd)	3552	S/MH(C0/180)	0.57
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1757.9	$\eta$ UP,DN(C0-180)	2.3,47.3
NOMINAL FLUX(lm)	1757.89	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	2.3,48.1
LAMPS INSIDE	1	$\eta$ up(%)	4.5	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	$\eta$ down(%)	95.5	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [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	2837	3383	2953	3179	3022	3159	2875	3123	0- 10	293.1	293.1	16.7,16.7
20	1294	1289	1563	1368	1347	1411	1460	1465	10- 20	589.4	882.5	50.2,50.2
30	239.7	217.9	254.0	233.5	257.9	257.6	252.9	235.7	20- 30	306.1	1189	67.6,67.6
40	157.7	154.9	165.4	157.7	159.3	162.3	160.9	157.1	30- 40	123.8	1312	74.7,74.7
50	124.5	125.2	132.5	124.1	130.5	130.4	131.9	130.7	40- 50	112.3	1425	81,81
60	81.40	81.38	83.39	82.11	84.91	87.52	83.75	82.37	50- 60	94.15	1519	86.4,86.4
70	61.34	53.78	52.95	59.70	53.78	62.05	56.60	51.21	60- 70	67.64	1586	90.2,90.2
80	44.73	46.65	39.62	39.74	41.00	44.84	42.61	39.75	70- 80	51.98	1638	93.2,93.2
90	31.29	34.57	28.79	27.72	33.24	34.45	33.56	31.38	80- 90	39.51	1678	95.5,95.5
100	20.54	22.42	27.08	19.32	15.87	22.16	32.25	17.76	90-100	28.33	1706	97.1,97.1
110	28.12	18.81	14.65	18.33	26.44	19.78	17.61	16.24	100-110	22.31	1729	98.3,98.3
120	11.12	13.41	9.587	10.18	9.255	9.328	9.551	9.979	110-120	13.65	1742	99.1,99.1
130	6.564	7.093	5.819	8.100	6.286	7.055	4.701	6.285	120-130	6.819	1749	99.5,99.5
140	3.859	4.666	4.867	4.518	3.371	4.159	3.633	3.941	130-140	3.926	1753	99.7,99.7
150	2.282	4.138	4.555	4.325	2.003	2.672	2.557	2.543	140-150	2.232	1755	99.8,99.8
160	3.684	4.586	4.809	4.546	2.036	2.276	2.686	2.540	150-160	1.535	1757	99.9,99.9
170	2.961	3.370	3.532	3.266	1.605	2.038	1.915	2.001	160-170	0.8939	1758	100,100
180	1.560	1.715	1.637	1.701	1.604	1.675	1.832	1.846	170-180	0.2179	1758	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1368.7 lm

%lum = 77.9%

%lamp = 77.9%

Conical surface Flux(120deg): 1518.8 lm

%lum = 86.4%

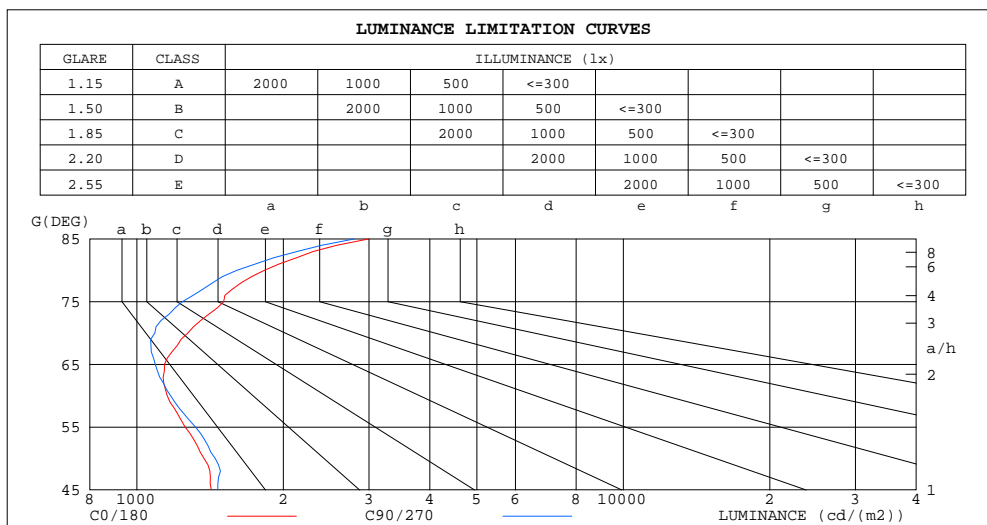
%lamp = 86.4%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.2DEG  
 Operators:Water  
 Test Date:2023-08-17

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:35%  
 Test Distance:2.503m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2992	2796
80	1828	1605
75	1508	1240
70	1273	1089
65	1139	1091
60	1155	1173
55	1257	1321
50	1374	1450
45	1423	1467

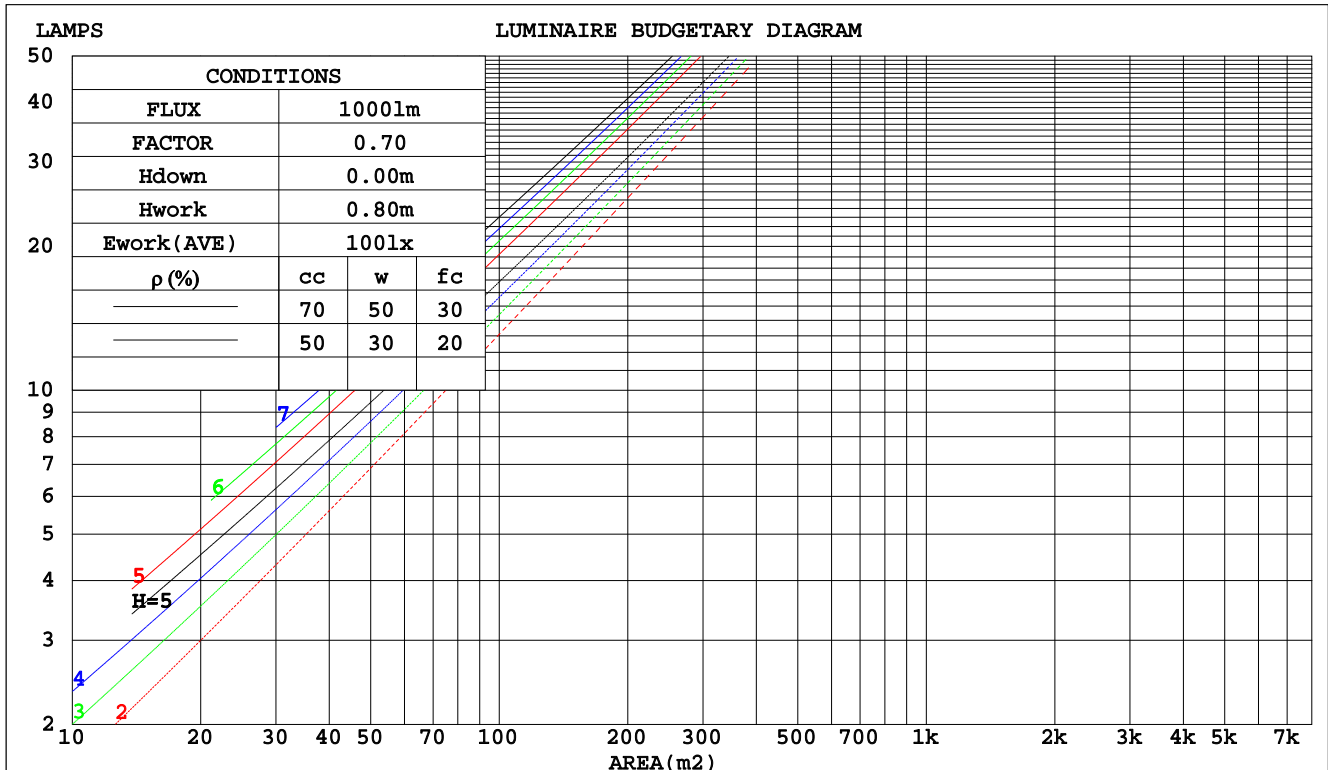
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Water  
Test Date: 2023-08-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 35%  
Test Distance: 2.503m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.07	1.04	1.01	1.05	1.02	.99	.00	.97	.95	.95	.93	.92	.91	.90	.88	.86
2.0	.99	.94	.90	.97	.92	.89	.93	.89	.86	.89	.86	.83	.85	.83	.81	.79
3.0	.92	.86	.81	.90	.85	.80	.86	.82	.79	.83	.80	.77	.80	.78	.75	.73
4.0	.86	.79	.75	.84	.78	.74	.81	.77	.73	.79	.75	.71	.76	.73	.70	.68
5.0	.80	.74	.70	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.71	.66	.63	.69	.65	.62	.61
7.0	.72	.66	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.66	.62	.59	.58
8.0	.68	.62	.58	.68	.62	.58	.66	.61	.57	.65	.60	.57	.63	.59	.56	.55
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.57	.54	.61	.57	.54	.52
10.0	.62	.57	.53	.62	.56	.53	.61	.56	.52	.59	.55	.52	.58	.54	.52	.50



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz		
Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.224	.127	.040	.215	.123	.039	.200	.115	.037	.186	.107	.034	.173	.100	.032		
2.0	.202	.111	.034	.195	.107	.033	.181	.101	.031	.169	.095	.030	.158	.089	.028		
3.0	.185	.098	.029	.179	.096	.029	.167	.091	.028	.156	.086	.026	.146	.081	.025		
4.0	.170	.089	.026	.165	.086	.026	.155	.082	.025	.146	.078	.024	.137	.074	.023		
5.0	.158	.081	.023	.154	.079	.023	.145	.075	.022	.136	.072	.021	.129	.069	.021		
6.0	.148	.074	.021	.144	.073	.021	.136	.070	.020	.128	.067	.020	.121	.064	.019		
7.0	.139	.069	.019	.135	.067	.019	.128	.065	.019	.121	.062	.018	.115	.060	.018		
8.0	.131	.064	.018	.127	.063	.018	.121	.060	.017	.115	.058	.017	.109	.056	.016		
9.0	.124	.060	.017	.121	.059	.016	.115	.057	.016	.109	.055	.016	.104	.053	.015		
10.0	.117	.056	.016	.115	.055	.015	.109	.054	.015	.104	.052	.015	.100	.050	.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	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024	
1.0	.209	.192	.176	.179	.165	.152	.122	.113	.105	.070	.066	.061	.023	.021	.020	
2.0	.195	.167	.144	.167	.144	.125	.115	.100	.087	.066	.058	.051	.021	.019	.017	
3.0	.183	.149	.122	.157	.129	.106	.108	.089	.074	.062	.052	.044	.020	.017	.014	
4.0	.173	.135	.106	.148	.116	.092	.102	.081	.065	.059	.048	.038	.019	.015	.013	
5.0	.164	.123	.094	.141	.107	.081	.097	.075	.057	.056	.044	.034	.018	.014	.011	
6.0	.156	.114	.084	.134	.099	.073	.092	.069	.052	.054	.041	.031	.017	.013	.010	
7.0	.149	.107	.077	.128	.092	.067	.088	.065	.048	.051	.038	.028	.017	.012	.009	
8.0	.142	.100	.072	.122	.087	.062	.085	.061	.044	.049	.036	.026	.016	.012	.009	
9.0	.136	.095	.067	.118	.083	.059	.081	.058	.042	.047	.034	.025	.015	.011	.008	
10.0	.131	.091	.063	.113	.079	.055	.079	.055	.039	.046	.033	.023	.015	.011	.008	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm										
NAME: LED Luminaire					TYPE: N/A			WEIGHT: N/A		
SPEC.: N/A					DIM.: N/A			SERIAL No.: N/A		
MFR.: Maxim					SUR.: N/A			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	7.9	8.9	8.2	9.1	9.4	7.9	8.9	8.2	9.1	9.4
3H	9.5	10.4	9.8	10.7	10.9	9.3	10.2	9.7	10.5	10.8
4H	10.5	11.3	10.8	11.6	12.0	10.2	11.1	10.6	11.4	11.7
6H	11.6	12.4	11.9	12.7	13.0	11.3	12.1	11.7	12.4	12.8
8H	12.2	13.0	12.6	13.3	13.6	11.9	12.7	12.3	13.0	13.4
12H	12.9	13.6	13.3	14.0	14.3	12.6	13.4	13.0	13.7	14.1
4H 2H	8.4	9.3	8.8	9.6	9.9	8.4	9.3	8.8	9.6	9.9
3H	10.2	11.0	10.6	11.3	11.7	10.2	10.9	10.6	11.3	11.6
4H	11.4	12.1	11.8	12.5	12.9	11.3	12.0	11.8	12.4	12.8
6H	12.6	13.3	13.1	13.7	14.1	12.7	13.3	13.1	13.7	14.1
8H	13.4	13.9	13.8	14.4	14.8	13.4	14.0	13.9	14.4	14.9
12H	14.2	14.7	14.7	15.2	15.7	14.2	14.8	14.7	15.2	15.7
8H 4H	11.8	12.4	12.3	12.9	13.3	11.8	12.4	12.3	12.8	13.3
6H	13.4	13.8	13.9	14.3	14.8	13.5	14.0	14.0	14.5	15.0
8H	14.2	14.7	14.8	15.2	15.7	14.5	14.9	15.0	15.4	16.0
12H	15.3	15.6	15.8	16.2	16.7	15.6	15.9	16.1	16.4	17.0
12H 4H	12.0	12.5	12.5	13.0	13.5	11.9	12.5	12.4	12.9	13.4
6H	13.6	14.1	14.2	14.6	15.1	13.8	14.2	14.3	14.7	15.2
8H	14.6	15.0	15.2	15.5	16.1	14.8	15.2	15.4	15.7	16.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117, 1758 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)  
Area: 0.141791 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A

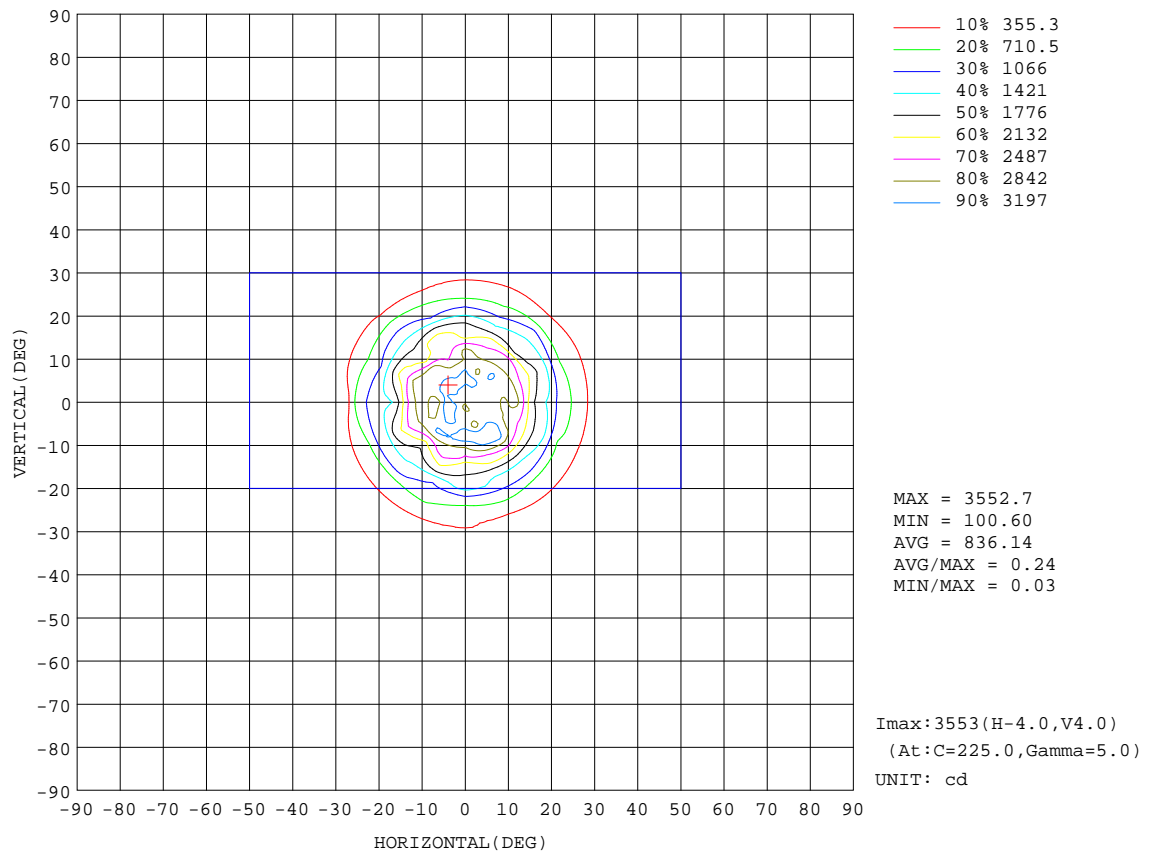
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	75	67	63	74	67	63	58
0.80	84	76	71	83	75	71	81	75	70	65
1.00	89	82	77	88	81	76	86	81	76	70
1.25	94	87	82	93	86	81	90	85	80	75
1.50	98	91	86	96	90	85	93	88	84	78
2.00	102	95	91	100	94	90	96	92	88	81
2.50	104	98	94	102	97	93	98	94	91	83
3.00	106	101	97	104	99	96	100	96	93	85
4.00	109	105	101	107	103	100	102	99	96	87
5.00	111	107	104	108	105	102	103	101	99	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:25.2DEG  
Operators:Water  
Test Date:2023-08-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A

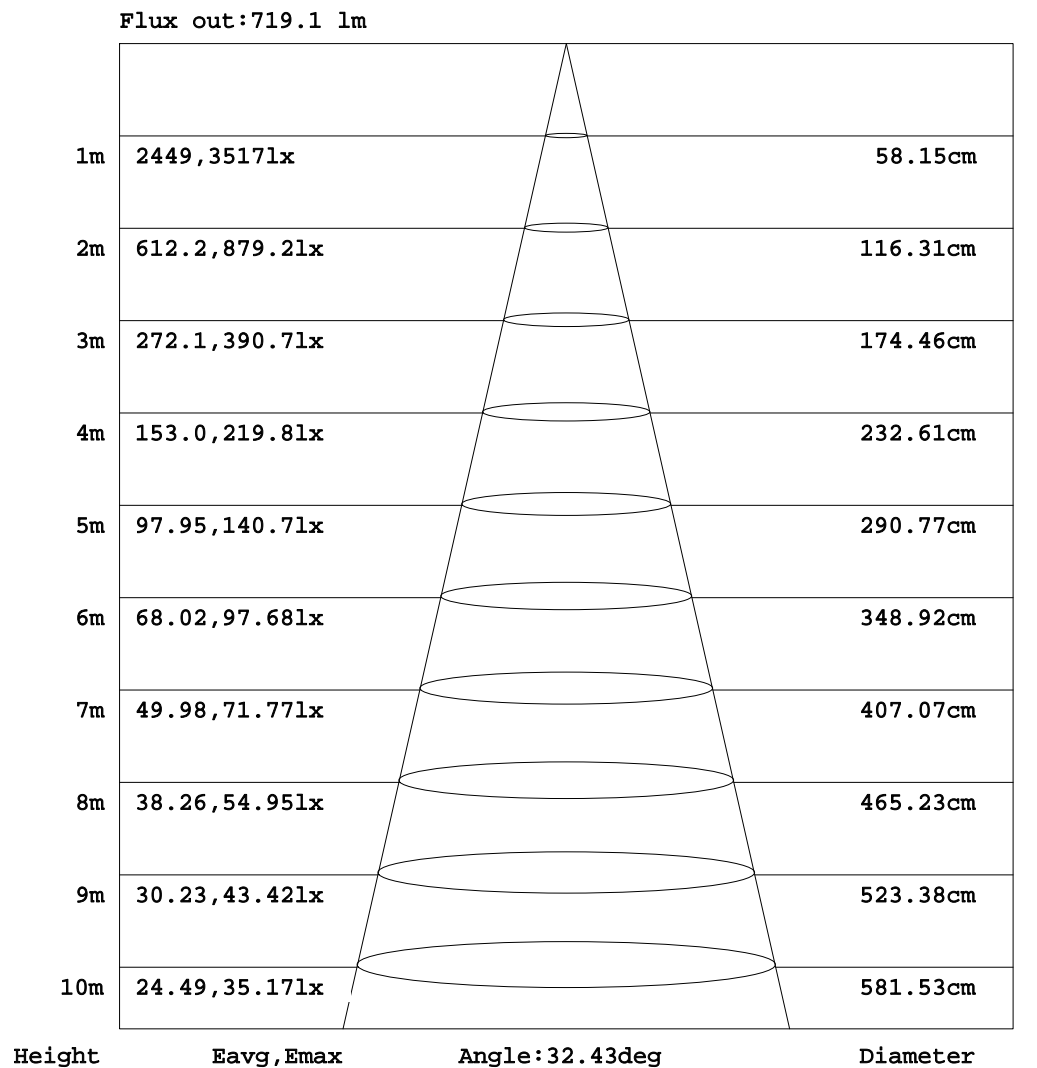


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

### AAI Figure

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A



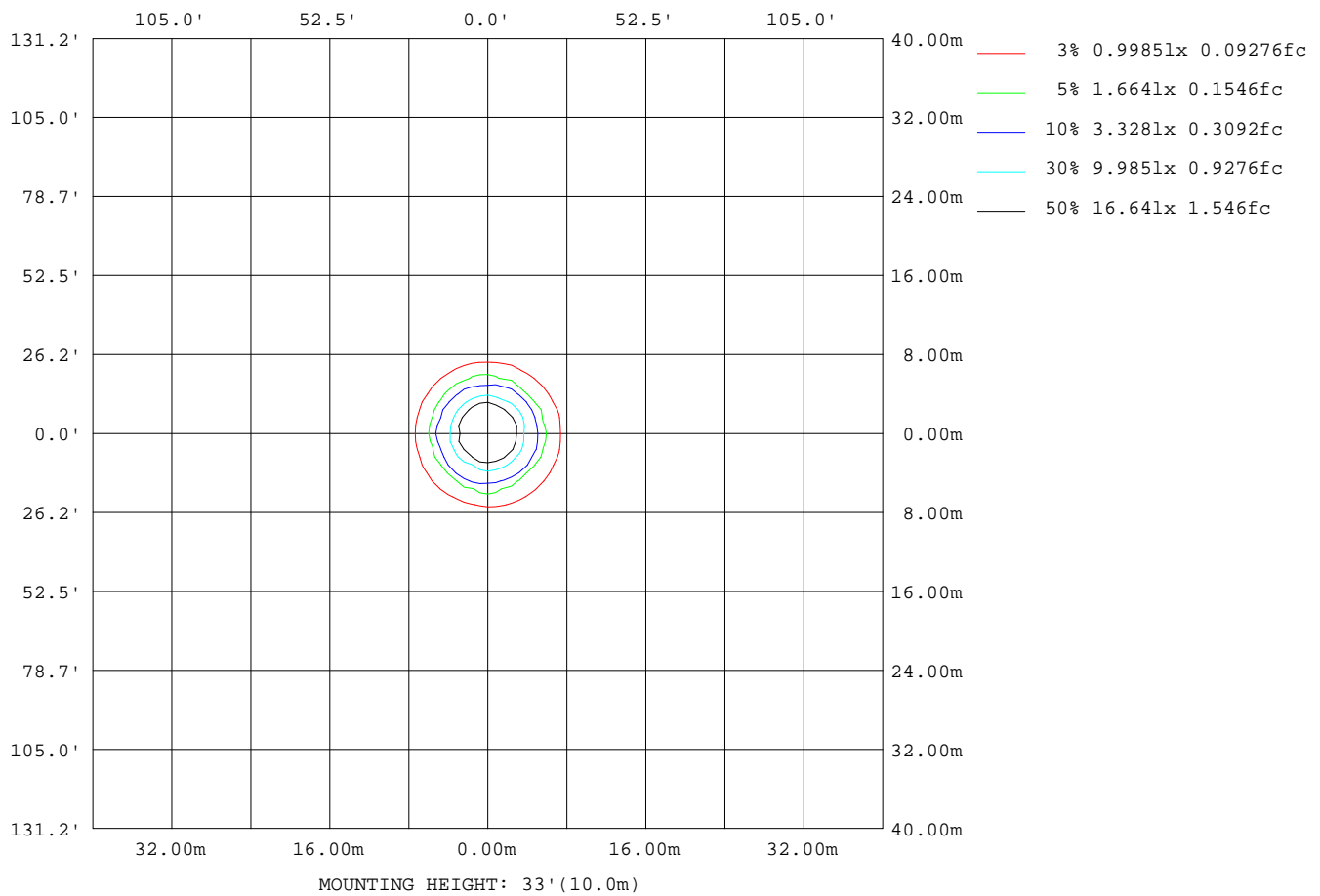
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Water  
Test Date: 2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 35%  
Test Distance: 2.503m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: N/A	DIM.: N/A	SERIAL No.: N/A
MFR.: Maxim	SUR.: N/A	Shielding Angle: N/A

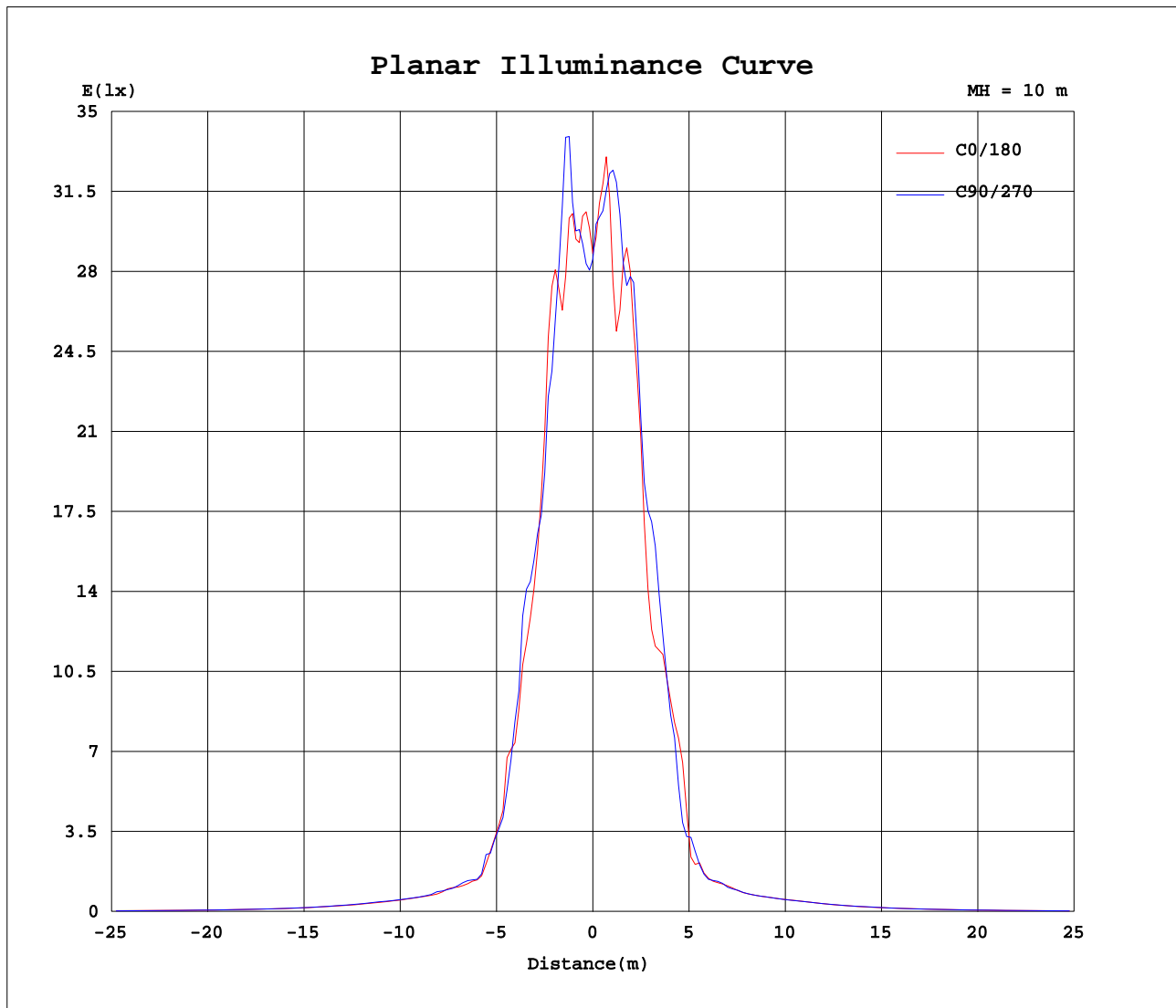
AvgL	cd/m2
L_0~180(65)av	1127
L_0~180(75)av	1387
L_0~180(85)av	2998
L_90~270(65)av	1100
L_90~270(75)av	1309
L_90~270(85)av	2939
L_45(65)av	1131
L_45(75)av	1343
L_45(85)av	3015

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.2DEG  
Operators:Water  
Test Date:2023-08-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:35%  
Test Distance:2.503m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.2DEG  
Operators: Water  
Test Date: 2023-08-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 35%  
Test Distance: 2.503m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.2037A P:20.440W PF:0.8356 Freq:60.00Hz Lamp Flux:1757.89x1 lm																	
NAME: LED Luminaire									TYPE: N/A						WEIGHT: N/A		
SPEC.: N/A									DIM.: N/A						SERIAL No.: N/A		
MFR.: Maxim									SUR.: N/A						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	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861	2861			
5	2957	3049	3046	2770	3019	3172	3414	3316	3139	3238	3552	3343	3274	3340	3068	3028			
10	2837	2726	3383	3313	2953	2983	3179	2894	3022	2966	3159	2543	2875	2947	3123	3123			
15	2007	2138	2281	2187	1930	2264	1758	2316	1873	2332	1900	2402	2088	2293	2281	2309			
20	1294	1387	1289	1333	1563	1071	1368	1262	1347	1312	1411	1362	1460	1263	1465	1516			
25	590	608	585	608	554	711	623	567	871	650	745	615	524	674	607	568			
30	240	266	218	242	254	245	234	238	258	275	258	305	253	224	236	234			
35	193	205	211	207	207	198	210	207	203	206	198	198	194	198	205	195			
40	158	161	155	159	165	159	158	158	159	161	162	163	161	157	157	157			
45	142	146	141	143	147	143	142	147	148	149	148	148	148	145	148	147			
50	124	129	125	126	133	126	124	139	131	134	130	130	132	130	131	128			
55	102	103	103	102	108	102	102	107	104	109	108	108	109	104	104	106			
60	81.4	82.1	81.4	81.1	83.4	81.2	82.1	86.2	84.9	87.9	87.5	84.5	83.8	81.7	82.4	84.4			
65	67.9	66.2	63.8	66.3	65.6	67.1	67.9	67.4	67.2	69.8	75.1	71.2	66.2	65.1	64.4	68.6			
70	61.3	54.3	53.8	55.8	52.9	57.3	59.7	54.4	53.8	56.1	62.0	63.6	56.6	53.2	51.2	57.0			
75	55.0	46.6	49.1	53.6	45.6	48.9	50.8	47.2	46.8	47.5	52.8	55.2	50.5	45.4	44.4	50.5			
80	44.7	38.4	46.7	47.6	39.6	38.9	39.7	40.2	41.0	38.9	44.8	45.8	42.6	39.1	39.7	42.8			
85	36.8	32.9	39.5	40.1	34.6	31.6	33.9	33.4	37.3	33.6	39.6	38.7	38.0	34.5	36.0	36.9			
90	31.3	28.8	34.6	33.3	28.8	26.9	27.7	27.9	33.2	29.2	34.5	34.1	33.6	31.3	31.4	32.0			
95	16.9	15.4	27.9	32.5	28.5	27.6	25.1	18.8	25.2	22.5	30.6	32.1	33.1	31.4	27.7	18.2			
100	20.5	16.9	22.4	27.7	27.1	26.4	19.3	14.9	15.9	12.3	22.2	29.3	32.2	27.1	17.8	19.4			
105	29.1	20.5	17.7	21.0	20.1	21.8	15.0	21.7	28.2	16.2	19.3	21.8	22.9	19.2	15.7	21.7			
110	28.1	18.9	18.8	20.7	14.6	17.0	18.3	20.5	26.4	14.5	19.8	20.4	17.6	19.6	16.2	20.0			
115	17.0	10.8	16.2	12.4	9.36	13.0	12.6	12.6	14.6	10.5	14.9	14.1	10.6	12.8	13.6	12.0			
120	11.1	10.5	13.4	9.54	9.59	9.21	10.2	7.38	9.26	7.97	9.33	11.4	9.55	9.98	9.98	8.39			
125	8.88	8.77	8.79	6.44	6.81	7.03	9.29	5.73	6.86	7.36	8.54	6.98	6.05	5.78	7.48	7.22			
130	6.56	5.88	7.09	4.75	5.82	6.14	8.10	5.55	6.29	5.35	7.06	4.72	4.70	4.52	6.29	5.75			
135	5.82	5.65	5.72	4.19	5.36	4.99	6.03	5.85	4.98	5.33	5.81	3.79	3.73	3.84	5.45	5.52			
140	3.86	4.93	4.67	4.06	4.87	4.54	4.52	4.66	3.37	3.95	4.16	3.40	3.63	3.54	3.94	4.02			
145	3.93	3.91	4.04	4.21	4.50	4.13	3.89	3.84	2.34	2.80	2.66	3.00	3.10	3.27	2.94	2.77			
150	2.28	3.69	4.14	4.26	4.55	4.22	4.33	3.23	2.00	1.81	2.67	2.52	2.56	2.66	2.54	2.87			
155	3.56	4.10	4.93	4.69	4.84	4.80	4.49	3.80	1.49	2.06	2.52	2.60	2.54	2.63	2.56	2.36			
160	3.68	3.89	4.59	4.94	4.81	4.82	4.55	3.99	2.04	2.49	2.28	2.74	2.69	2.68	2.54	2.20			
165	3.45	3.98	4.03	4.48	4.45	4.32	4.02	3.95	1.92	2.14	2.37	2.17	2.39	2.50	2.25	2.05			
170	2.96	3.18	3.37	3.47	3.53	3.33	3.27	3.28	1.60	1.67	2.04	1.93	1.91	2.07	2.00	2.01			
175	2.50	2.60	2.70	2.74	2.72	2.68	2.63	2.46	1.50	1.50	1.66	1.70	1.74	1.75	1.79	1.77			
180	1.56	1.55	1.71	1.62	1.64	1.64	1.70	1.78	1.60	1.60	1.67	1.87	1.83	1.85	1.85	1.85			

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