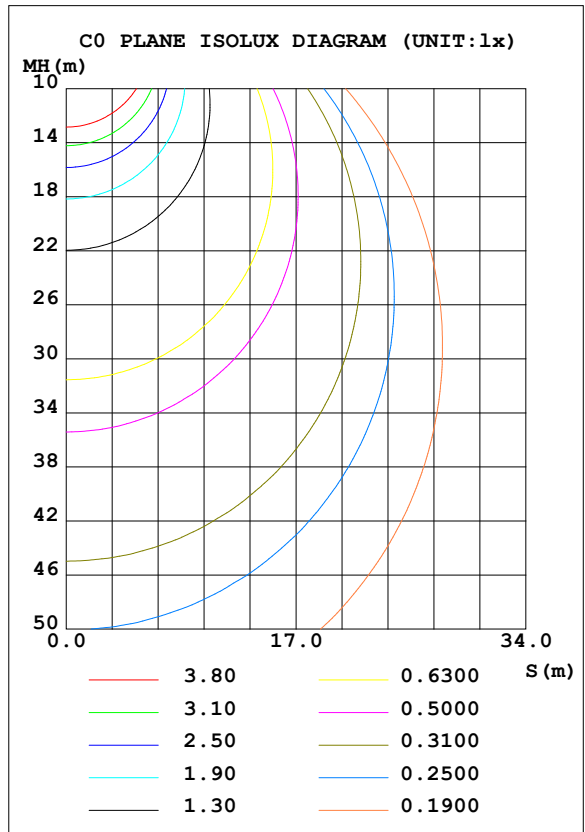
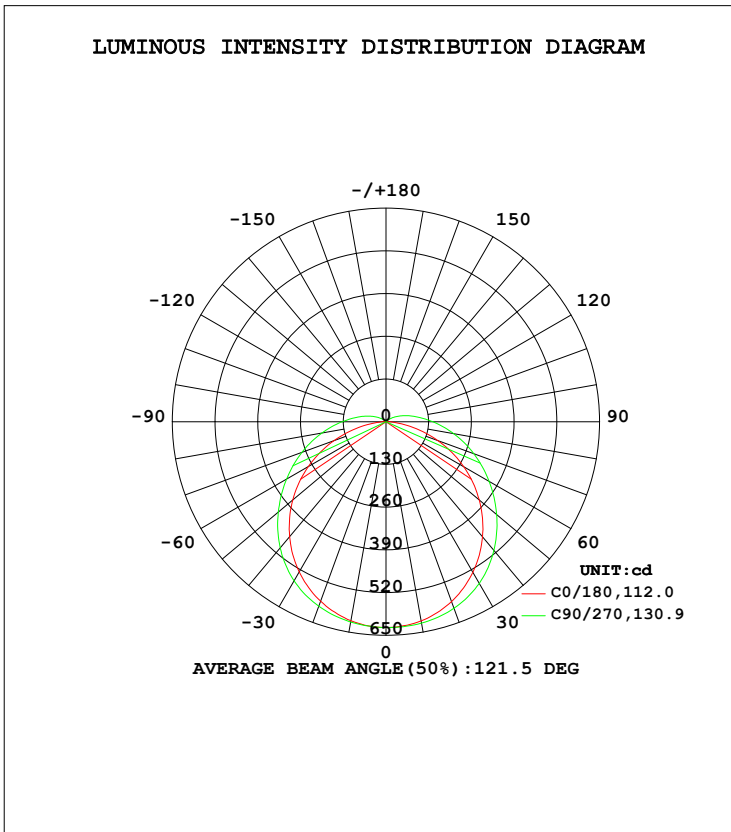


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.42 lm/W			
MODEL	ERS-TRI16WS	I _{max} (cd)	626.7	S/MH (C0/180)	1.25
NOMINAL POWER (W)	16	LOR (%)	100.0	S/MH (C90/270)	1.35
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	2226.3	η UP, DN (C0-180)	3.1, 46.4
NOMINAL FLUX (lm)	2226.34	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.3, 47.3
LAMPS INSIDE	1	η up (%)	6.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	240	η down (%)	93.7	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [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	614.8	616.4	619.1	617.2	615.0	619.2	622.3	619.2	0- 10	59.38	59.38	2.67,2.67
20	581.3	589.4	597.8	589.9	582.4	594.1	603.9	593.9	10- 20	171.5	230.8	10.4,10.4
30	527.9	544.5	559.3	545.3	529.0	551.4	567.8	550.8	20- 30	263.6	494.4	22.2,22.2
40	456.5	482.1	500.7	481.9	457.0	490.2	510.9	488.7	30- 40	323.8	818.2	36.8,36.8
50	370.3	404.9	427.8	403.6	370.8	413.4	439.6	411.5	40- 50	344.0	1162	52.2,52.2
60	273.0	319.9	349.7	318.2	273.2	328.4	362.4	326.6	50- 60	324.4	1487	66.8,66.8
70	168.4	235.3	272.3	234.1	168.3	243.9	284.4	242.1	60- 70	272.3	1759	79,79
80	66.75	157.9	198.0	157.3	66.09	165.6	208.9	164.3	70- 80	200.3	1959	88,88
90	9.715	95.00	133.6	95.13	7.553	100.7	142.7	100.0	80- 90	126.2	2085	93.7,93.7
100	6.005	51.90	85.39	52.59	4.866	56.21	91.30	56.00	90-100	72.92	2158	96.9,96.9
110	1.922	23.85	50.30	24.55	1.629	27.07	54.58	26.91	100-110	38.89	2197	98.7,98.7
120	1.066	7.287	25.12	7.805	1.007	9.097	28.17	9.009	110-120	17.95	2215	99.5,99.5
130	0.7617	2.635	8.358	2.683	0.7681	2.779	10.03	2.685	120-130	6.435	2222	99.8,99.8
140	0.9723	2.308	3.304	2.382	0.8324	2.231	3.217	2.200	130-140	2.055	2224	99.9,99.9
150	1.311	2.160	2.854	2.186	0.8910	1.693	2.494	1.903	140-150	1.296	2225	99.9,99.9
160	1.486	1.928	2.318	1.904	1.013	1.248	1.858	1.675	150-160	0.8414	2226	100,100
170	1.408	1.545	1.675	1.466	1.109	1.162	1.348	1.350	160-170	0.4366	2226	100,100
180	1.312	1.312	1.272	1.301	1.318	1.332	1.292	1.295	170-180	0.1274	2226	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 990.27 lm

%lum = 44.5%
 %lamp = 44.5%

Conical surface Flux(120deg): 1486.6 lm

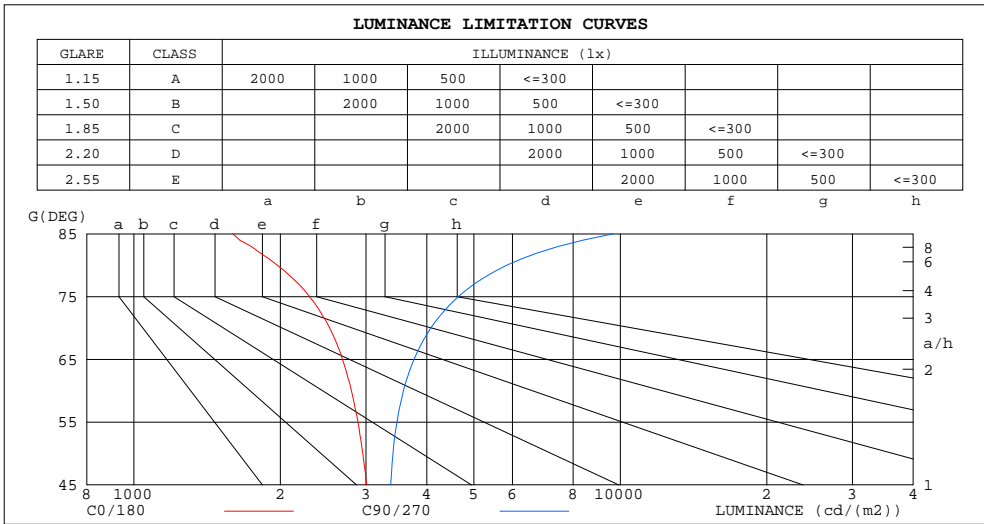
%lum = 66.8%
 %lamp = 66.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1598	9656
80	1972	5842
75	2297	4646
70	2526	4077
65	2683	3765
60	2801	3582
55	2889	3474
50	2955	3409
45	3010	3373

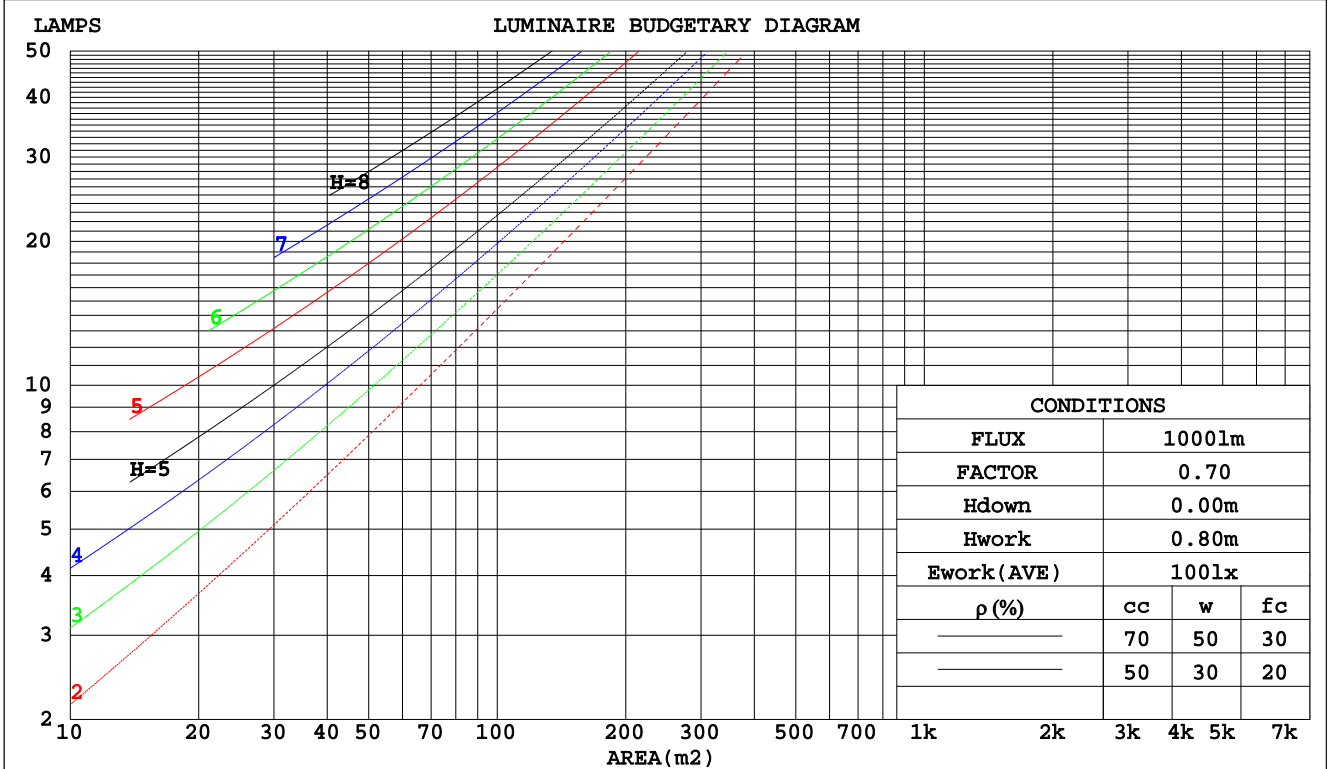
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

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	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.86	.83	.80	.82	.79	.77	.74
2.0	.86	.78	.72	.83	.76	.70	.79	.73	.68	.74	.70	.65	.70	.66	.63	.60
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.54	.62	.57	.53	.50
4.0	.66	.57	.49	.64	.55	.49	.61	.53	.47	.58	.51	.46	.55	.49	.45	.42
5.0	.59	.49	.42	.57	.48	.42	.54	.47	.41	.52	.45	.40	.49	.43	.39	.36
6.0	.53	.43	.37	.51	.43	.36	.49	.41	.35	.46	.40	.35	.44	.38	.34	.31
7.0	.48	.39	.32	.46	.38	.32	.44	.37	.31	.42	.36	.30	.40	.34	.30	.28
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.22
10.0	.37	.28	.23	.36	.28	.23	.34	.27	.22	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding 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	.362	.206	.065	.353	.201	.064	.336	.193	.061	.320	.184	.059	.305	.177	.057	
2.0	.322	.176	.054	.314	.173	.053	.298	.166	.052	.284	.159	.050	.271	.153	.048	
3.0	.290	.154	.046	.282	.151	.046	.269	.146	.044	.256	.140	.043	.244	.135	.042	
4.0	.263	.137	.040	.256	.134	.040	.244	.129	.039	.233	.125	.038	.222	.121	.037	
5.0	.240	.122	.035	.234	.120	.035	.223	.116	.034	.213	.112	.033	.204	.109	.033	
6.0	.221	.111	.032	.216	.109	.031	.206	.106	.031	.197	.102	.030	.188	.099	.029	
7.0	.204	.101	.029	.200	.100	.028	.191	.096	.028	.182	.094	.027	.175	.091	.027	
8.0	.190	.093	.026	.186	.091	.026	.178	.089	.025	.170	.086	.025	.163	.084	.024	
9.0	.177	.086	.024	.174	.085	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022	
10.0	.166	.080	.022	.163	.079	.022	.156	.076	.022	.150	.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	.239	.239	.239	.204	.204	.204	.139	.139	.139	.080	.080	.080	.026	.026	.026	
1.0	.233	.204	.179	.199	.175	.154	.136	.121	.106	.078	.070	.062	.025	.022	.020	
2.0	.225	.181	.143	.193	.156	.124	.132	.108	.086	.076	.063	.051	.024	.020	.017	
3.0	.217	.164	.121	.186	.141	.105	.128	.098	.073	.074	.057	.043	.024	.019	.014	
4.0	.210	.151	.106	.180	.130	.092	.124	.091	.065	.072	.053	.038	.023	.017	.013	
5.0	.202	.141	.095	.173	.122	.083	.119	.085	.059	.069	.050	.035	.022	.016	.011	
6.0	.195	.132	.088	.167	.115	.076	.115	.080	.054	.067	.047	.032	.022	.015	.011	
7.0	.187	.126	.082	.161	.109	.072	.111	.076	.051	.065	.045	.030	.021	.015	.010	
8.0	.181	.120	.078	.156	.104	.068	.108	.073	.048	.063	.043	.029	.020	.014	.010	
9.0	.174	.115	.075	.150	.100	.065	.104	.070	.046	.061	.041	.028	.020	.014	.009	
10.0	.169	.111	.072	.145	.096	.063	.101	.068	.045	.059	.040	.027	.019	.013	.009	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm										
NAME: LED Waterproof Luminaires					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ERS					SUR.:			Shielding 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	13.2	14.7	13.5	15.0	15.3	14.2	15.7	14.5	16.0	16.3
3H	14.7	16.1	15.1	16.4	16.8	16.4	17.7	16.7	18.1	18.5
4H	15.3	16.6	15.7	17.0	17.4	17.5	18.8	17.9	19.2	19.6
6H	15.7	17.0	16.1	17.3	17.8	18.7	20.0	19.1	20.3	20.8
8H	15.8	17.0	16.3	17.4	17.9	19.4	20.6	19.8	21.0	21.4
12H	15.9	17.1	16.3	17.5	17.9	20.1	21.3	20.5	21.7	22.1
4H 2H	14.0	15.3	14.4	15.7	16.1	14.8	16.1	15.2	16.5	16.9
3H	15.8	16.9	16.2	17.3	17.8	17.2	18.4	17.6	18.8	19.2
4H	16.5	17.6	17.0	18.0	18.5	18.5	19.6	19.0	20.0	20.5
6H	17.1	18.1	17.6	18.5	19.0	19.9	20.9	20.4	21.4	21.9
8H	17.3	18.2	17.8	18.7	19.2	20.7	21.6	21.2	22.1	22.6
12H	17.5	18.3	18.0	18.8	19.3	21.6	22.4	22.1	22.9	23.4
8H 4H	17.2	18.1	17.7	18.6	19.1	18.9	19.8	19.4	20.2	20.8
6H	18.1	18.8	18.6	19.4	19.9	20.6	21.3	21.1	21.8	22.4
8H	18.5	19.1	19.0	19.7	20.3	21.5	22.2	22.1	22.7	23.3
12H	18.8	19.3	19.3	19.9	20.5	22.6	23.2	23.2	23.8	24.4
12H 4H	17.4	18.2	17.9	18.7	19.3	18.9	19.7	19.4	20.2	20.8
6H	18.4	19.1	19.0	19.6	20.2	20.7	21.4	21.2	21.9	22.5
8H	18.9	19.5	19.5	20.1	20.7	21.7	22.3	22.3	22.9	23.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 2226 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

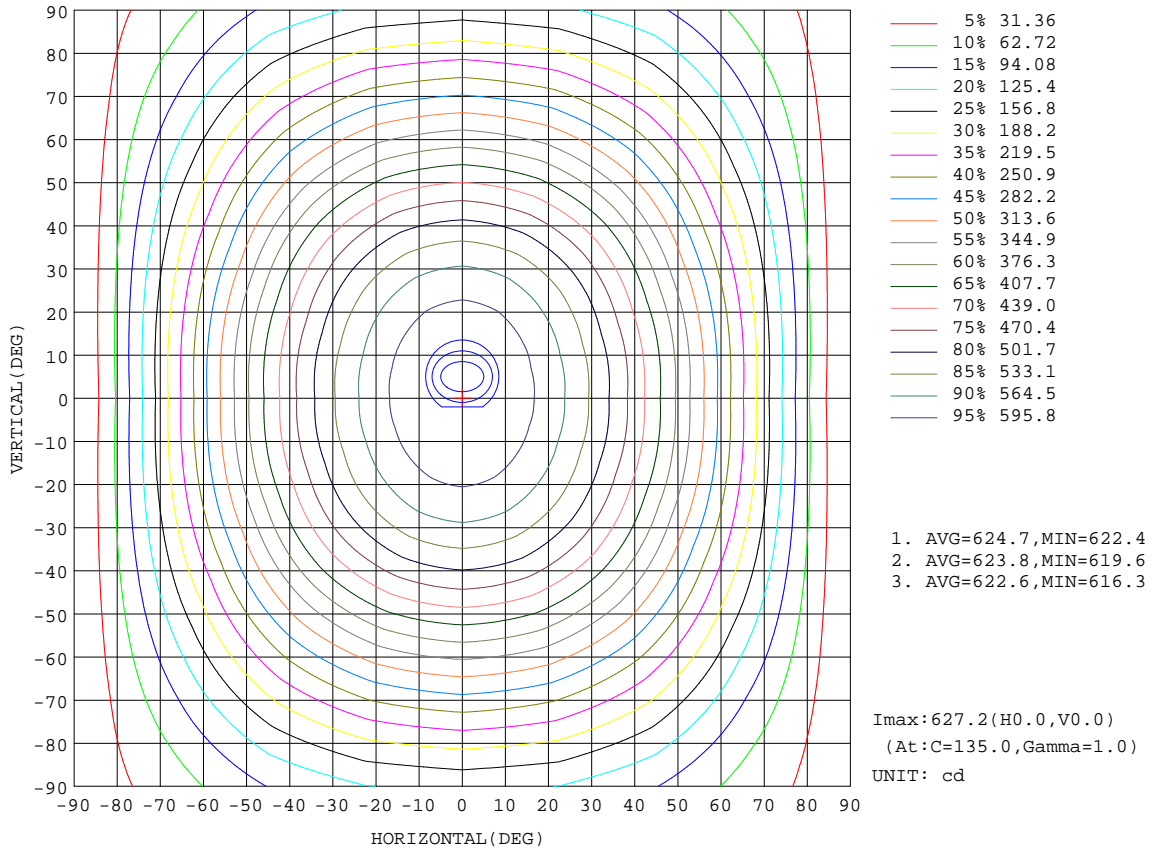
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	33	52	40	33	51	40	33	27
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	50	66	59	49	41
1.25	77	66	58	76	65	57	72	63	56	48
1.50	82	71	63	80	70	63	77	68	61	53
2.00	89	79	72	87	78	71	83	75	69	60
2.50	94	84	77	91	83	76	87	80	74	64
3.00	97	89	82	95	87	81	90	83	78	68
4.00	102	95	89	99	92	87	94	88	84	73
5.00	104	98	93	101	96	91	96	91	88	76
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:24.8DEG
 Operators:Ben
 Test Date:2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

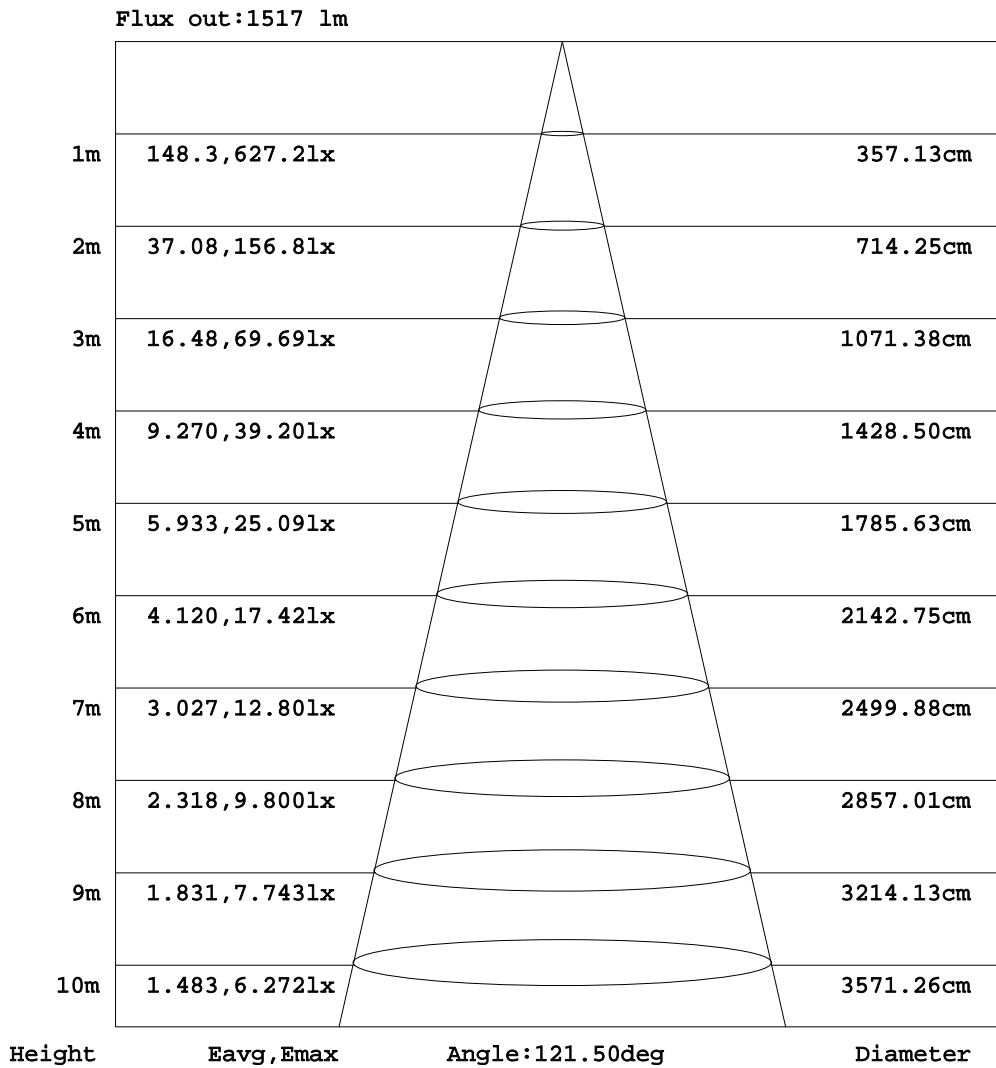


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

AAI Figure

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



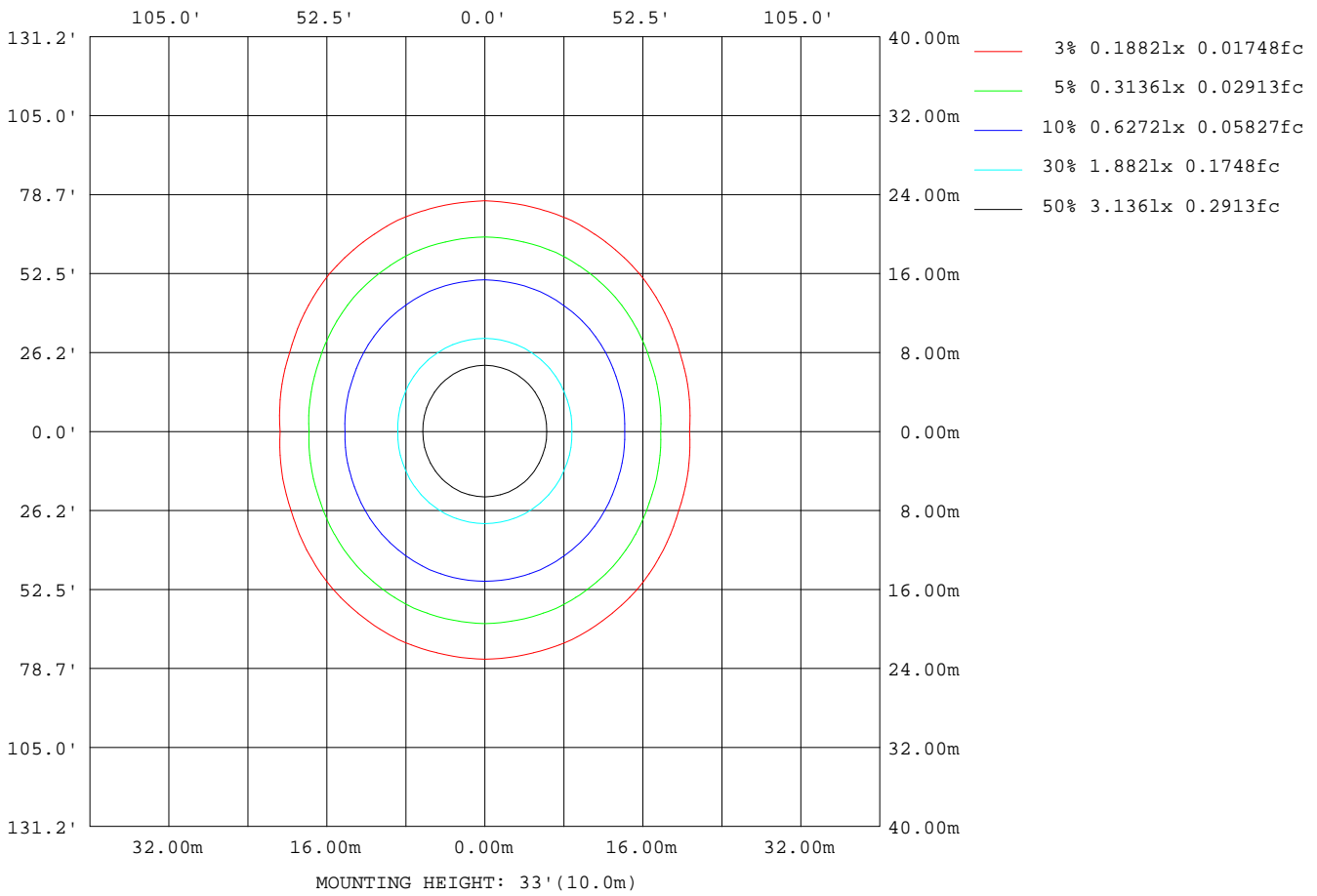
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

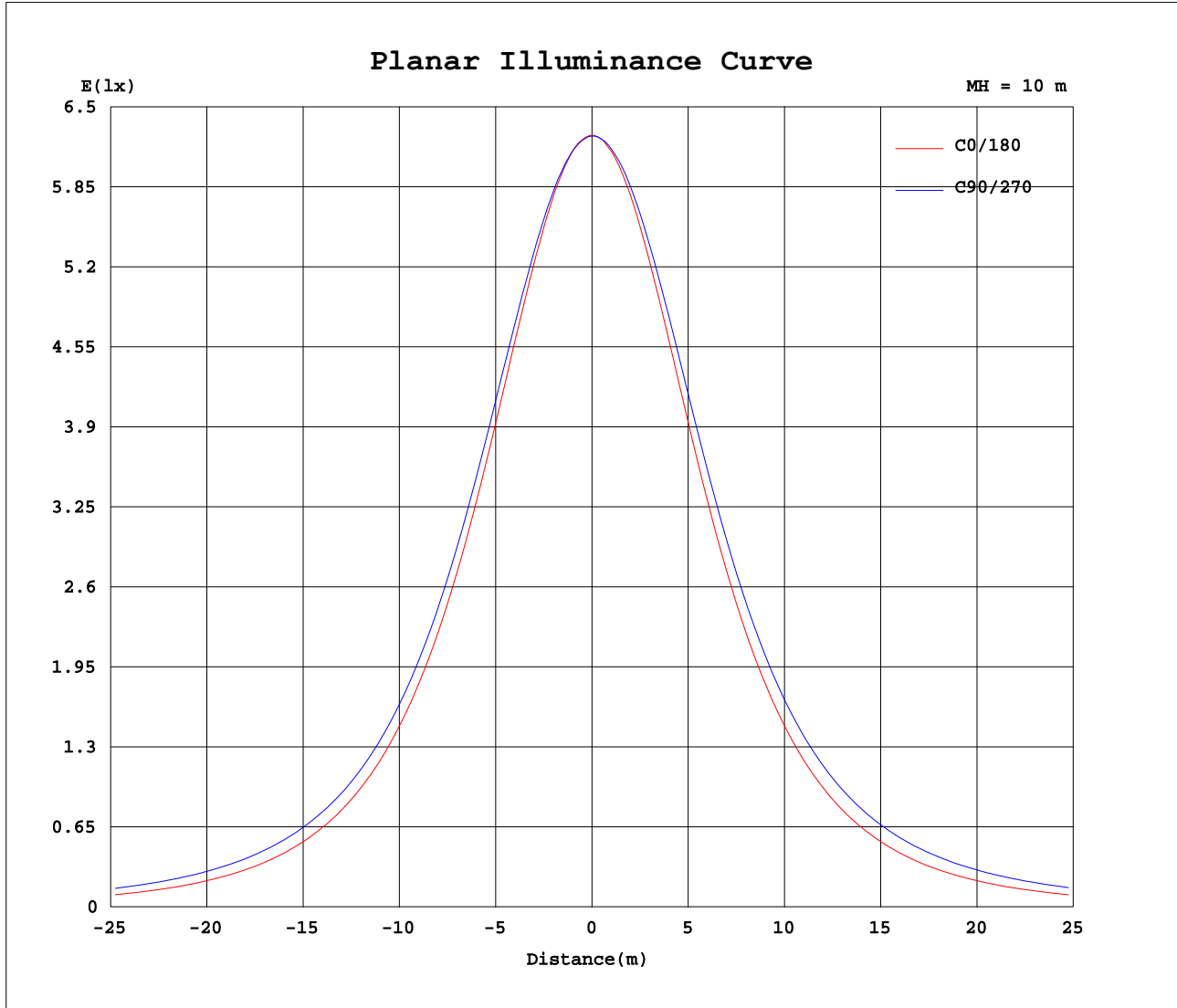
AvgL	cd/m2
L_0~180 (65) av	2682
L_0~180 (75) av	2290
L_0~180 (85) av	1571
L_90~270 (65) av	3842
L_90~270 (75) av	4760
L_90~270 (85) av	9947
L_45 (65) av	3401
L_45 (75) av	3935
L_45 (85) av	7481

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-08-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.01V I:0.0703A P:15.310W PF:0.9080 Freq:50.00Hz Lamp Flux:2226.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

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	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626			
5	623	623	623	624	624	624	624	624	623	624	625	626	626	625	625	624			
10	615	615	616	618	619	618	617	616	615	617	619	622	622	621	619	617			
15	600	602	605	609	610	608	606	603	602	604	609	614	615	613	609	604			
20	581	583	589	595	598	595	590	584	582	587	594	601	604	601	594	586			
25	557	560	569	578	581	577	570	561	558	564	575	585	588	584	575	563			
30	528	532	544	555	559	555	545	533	529	537	551	564	568	563	551	536			
35	494	500	515	528	532	528	516	501	495	505	523	537	542	536	522	503			
40	456	464	482	497	501	495	482	465	457	468	490	506	511	505	489	467			
45	415	424	445	461	466	459	444	424	416	429	453	471	476	469	452	428			
50	370	381	405	422	428	421	404	381	371	386	413	434	440	432	412	385			
55	323	335	363	383	389	381	361	335	323	341	371	394	401	392	369	339			
60	273	288	320	343	350	341	318	287	273	293	328	355	362	352	327	292			
65	221	240	277	303	311	301	275	239	221	245	286	314	323	312	284	244			
70	168	193	235	264	272	262	234	192	168	197	244	275	284	273	242	197			
75	116	147	195	226	235	224	194	148	116	152	204	237	246	235	202	152			
80	66.7	106	158	189	198	188	157	107	66.1	109	166	199	209	198	164	111			
85	27.1	71.7	124	155	164	154	124	72.7	26.3	74.6	131	164	174	163	130	75.4			
90	9.71	46.0	95.0	125	134	124	95.1	47.0	7.55	48.1	101	133	143	132	100	49.1			
95	7.64	28.1	71.1	98.8	107	98.7	71.6	28.9	6.14	30.1	76.1	105	115	105	75.7	31.0			
100	6.00	16.5	51.9	77.3	85.4	77.3	52.6	16.9	4.87	17.8	56.2	83.0	91.3	82.6	56.0	18.6			
105	2.78	8.66	36.1	58.8	66.4	59.0	36.9	8.88	2.56	9.42	40.0	63.8	71.6	63.4	39.9	10.3			
110	1.92	4.15	23.8	43.1	50.3	43.5	24.6	3.90	1.63	4.24	27.1	47.7	54.6	47.3	26.9	4.69			
115	1.44	3.06	14.4	30.3	36.4	30.7	15.0	2.77	1.27	2.91	16.9	34.0	40.2	33.8	16.8	3.18			
120	1.07	2.33	7.29	20.0	25.1	20.3	7.80	2.22	1.01	2.33	9.10	22.9	28.2	22.7	9.01	2.41			
125	0.84	1.80	3.16	11.6	15.8	11.9	3.26	1.82	0.83	1.90	3.93	13.9	18.1	13.7	3.83	1.92			
130	0.76	1.47	2.64	5.45	8.36	5.66	2.68	1.57	0.77	1.60	2.78	6.85	10.0	6.77	2.68	1.56			
135	0.84	1.37	2.43	3.31	3.78	3.27	2.50	1.50	0.79	1.43	2.49	3.41	4.44	3.35	2.41	1.42			
140	0.97	1.38	2.31	3.06	3.30	3.04	2.38	1.51	0.83	1.31	2.23	2.94	3.22	2.94	2.20	1.29			
145	1.16	1.43	2.24	2.88	3.09	2.86	2.30	1.55	0.88	1.20	1.97	2.59	2.84	2.64	2.04	1.27			
150	1.31	1.49	2.16	2.67	2.85	2.67	2.19	1.58	0.89	1.10	1.69	2.24	2.49	2.37	1.90	1.27			
155	1.43	1.54	2.04	2.46	2.61	2.46	2.07	1.60	0.96	1.03	1.42	1.93	2.18	2.14	1.80	1.32			
160	1.49	1.56	1.93	2.21	2.32	2.21	1.90	1.57	1.01	1.05	1.25	1.63	1.86	1.88	1.68	1.34			
165	1.46	1.50	1.73	1.92	1.99	1.91	1.65	1.49	1.05	1.07	1.16	1.33	1.58	1.61	1.50	1.29			
170	1.41	1.42	1.54	1.65	1.68	1.60	1.47	1.44	1.11	1.12	1.16	1.21	1.35	1.39	1.35	1.23			
175	1.37	1.39	1.39	1.43	1.42	1.36	1.38	1.41	1.20	1.20	1.20	1.22	1.23	1.31	1.29	1.21			
180	1.31	1.35	1.31	1.29	1.27	1.25	1.30	1.32	1.32	1.32	1.33	1.33	1.29	1.26	1.29	1.29			

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