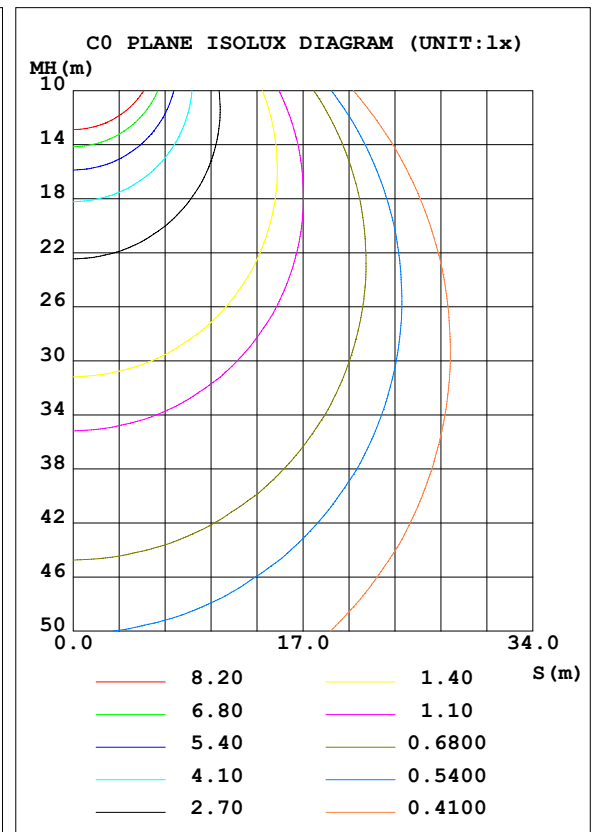
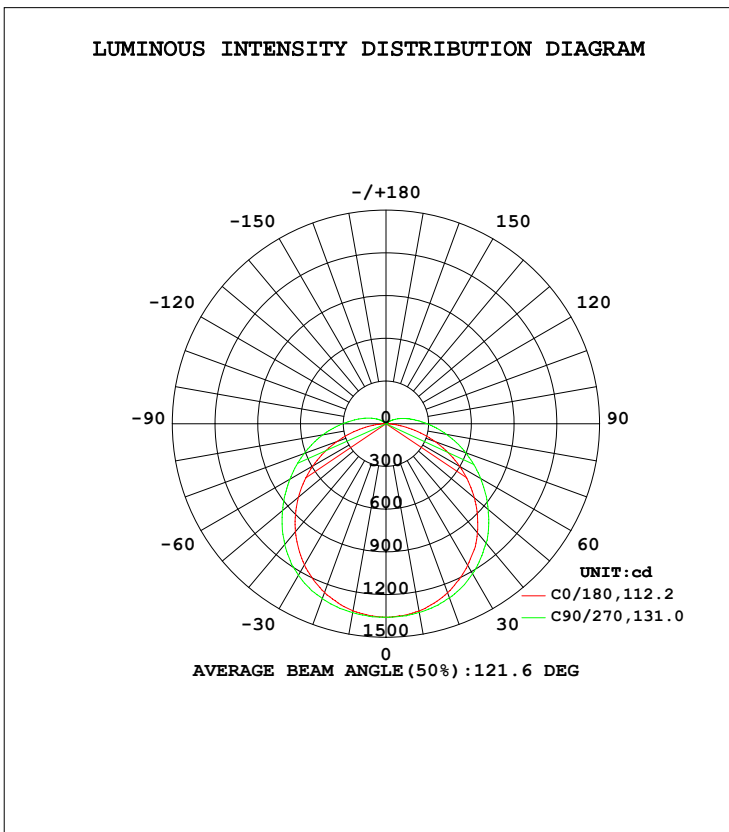


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.64 lm/W			
MODEL	ERS-TRI36WS	I _{max} (cd)	1362	S/MH (C0/180)	1.25
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	4839.3	η UP, DN (C0-180)	3.3, 47.1
NOMINAL FLUX (lm)	4839.34	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.0, 46.6
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: East
 Test Date: 2020-07-28

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	1334	1341	1347	1342	1335	1341	1346	1340	0- 10	128.9	128.9	2.66,2.66
20	1261	1286	1307	1288	1263	1284	1301	1282	10- 20	372.1	500.9	10.4,10.4
30	1145	1191	1230	1196	1148	1187	1216	1185	20- 30	572.1	1073	22.2,22.2
40	989.5	1058	1107	1063	999.5	1057	1094	1056	30- 40	703.5	1777	36.7,36.7
50	803.3	890.4	948.9	895.4	810.0	885.0	937.7	883.9	40- 50	749.0	2526	52.2,52.2
60	592.4	705.7	779.7	710.9	596.5	698.1	767.8	698.4	50- 60	705.6	3231	66.8,66.8
70	368.7	522.5	611.1	527.6	367.7	512.8	596.3	514.1	60- 70	592.4	3824	79,79
80	147.6	356.6	450.4	361.4	145.8	343.9	431.1	345.7	70- 80	436.2	4260	88,88
90	20.09	216.8	304.7	221.3	17.36	206.8	289.7	209.3	80- 90	274.6	4534	93.7,93.7
100	12.65	120.3	194.8	123.9	10.99	112.6	185.0	114.9	90-100	158.1	4692	97,97
110	4.072	57.16	116.3	59.71	3.616	52.09	108.4	53.73	100-110	83.96	4776	98.7,98.7
120	2.361	18.96	60.50	20.36	2.046	15.89	54.55	16.73	110-120	38.76	4815	99.5,99.5
130	1.770	6.138	22.03	6.236	1.374	5.748	17.97	5.923	120-130	13.93	4829	99.8,99.8
140	2.234	5.327	7.661	5.467	1.453	4.545	6.905	4.814	130-140	4.516	4833	99.9,99.9
150	2.826	4.899	6.590	5.008	1.656	3.326	5.249	4.038	140-150	2.837	4836	99.9,99.9
160	3.179	4.291	5.310	4.294	1.970	2.392	3.775	3.446	150-160	1.817	4838	100,100
170	3.015	3.399	3.777	3.312	2.169	2.190	2.704	2.715	160-170	0.9296	4839	100,100
180	2.754	2.720	2.572	2.543	2.754	2.728	2.729	2.724	170-180	0.2665	4839	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 12.0 %									UNIT:lm		

Conical surface Flux(90deg): 2151.2 lm

%lum = 44.5%
 %lamp = 44.5%

Conical surface Flux(120deg): 3231.1 lm

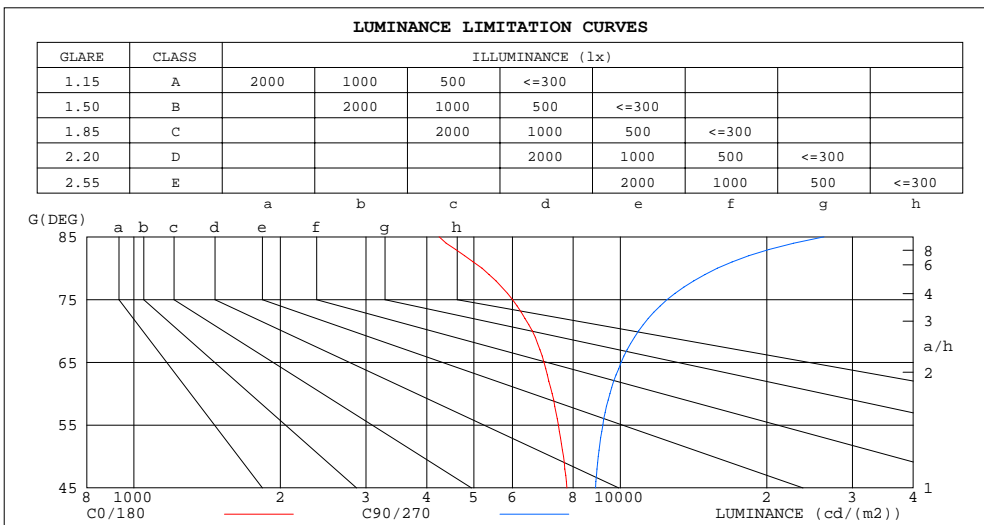
%lum = 66.8%
 %lamp = 66.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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	4240	26218
80	5196	15828
75	6001	12477
70	6591	10904
65	6970	10042
60	7243	9517
55	7457	9206
50	7640	9010
45	7767	8890

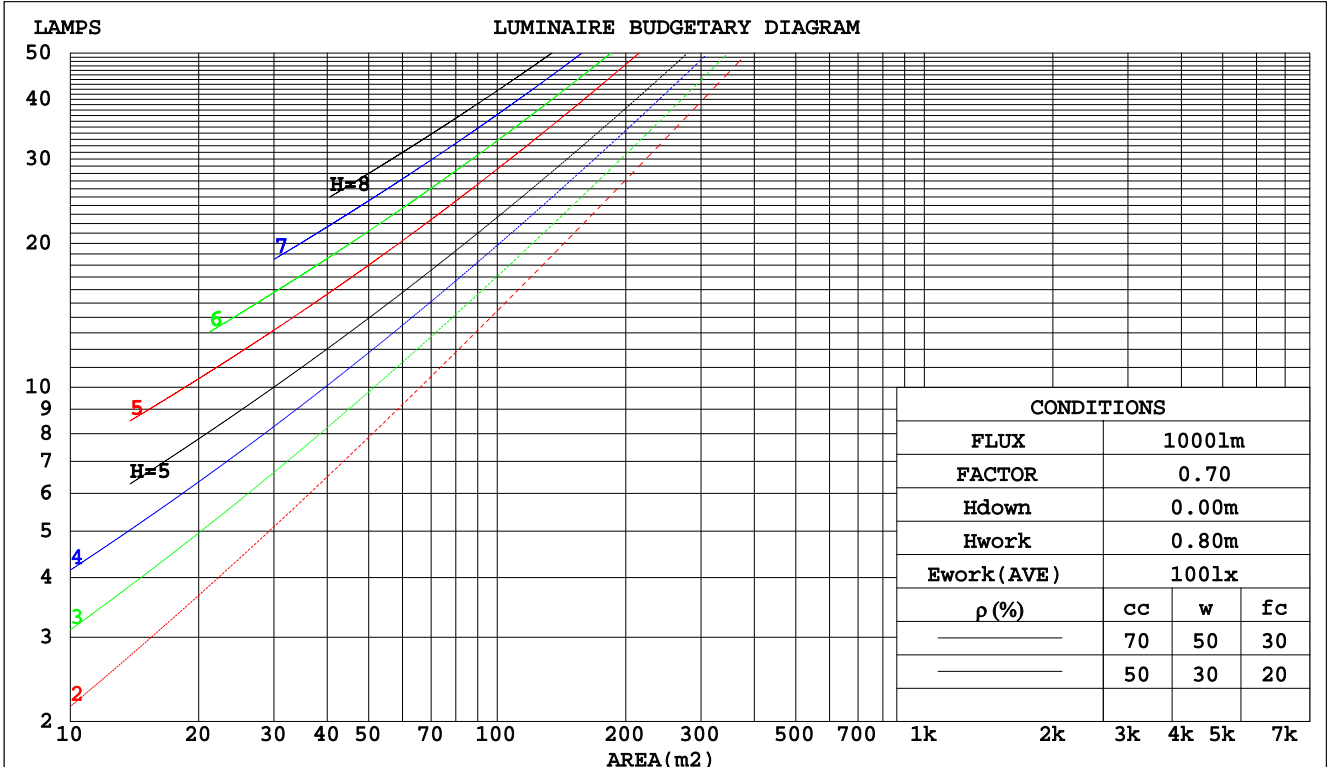
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: East
 Test Date: 2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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	.64	.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	.46	.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	.38	.32	.46	.38	.32	.44	.37	.31	.42	.35	.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: East
 Test Date: 2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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	.062	.320	.185	.059	.306	.177	.057	
2.0	.322	.176	.054	.314	.173	.053	.298	.166	.052	.284	.159	.050	.271	.153	.048	
3.0	.290	.154	.046	.283	.151	.046	.269	.146	.044	.256	.140	.043	.244	.135	.042	
4.0	.263	.137	.040	.256	.134	.040	.244	.130	.039	.233	.125	.038	.222	.121	.037	
5.0	.240	.122	.035	.235	.120	.035	.224	.116	.034	.213	.113	.033	.204	.109	.033	
6.0	.221	.111	.032	.216	.109	.031	.206	.106	.031	.197	.102	.030	.188	.099	.029	
7.0	.205	.101	.029	.200	.100	.028	.191	.097	.028	.182	.094	.027	.175	.091	.027	
8.0	.190	.093	.026	.186	.092	.026	.178	.089	.025	.170	.086	.025	.163	.084	.024	
9.0	.178	.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	.232	.204	.179	.199	.175	.154	.136	.121	.106	.078	.070	.062	.025	.022	.020	
2.0	.225	.181	.143	.193	.155	.124	.132	.108	.086	.076	.063	.051	.024	.020	.016	
3.0	.217	.163	.121	.186	.141	.104	.128	.098	.073	.074	.057	.043	.024	.019	.014	
4.0	.209	.151	.105	.180	.130	.092	.124	.091	.065	.072	.053	.038	.023	.017	.013	
5.0	.202	.140	.095	.173	.121	.083	.119	.085	.058	.069	.050	.035	.022	.016	.011	
6.0	.194	.132	.088	.167	.114	.076	.115	.080	.054	.067	.047	.032	.022	.015	.011	
7.0	.187	.125	.082	.161	.109	.072	.111	.076	.051	.065	.045	.030	.021	.015	.010	
8.0	.181	.120	.078	.155	.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	.168	.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:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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	19.3	20.8	19.6	21.1	21.4	20.4	21.9	20.8	22.2	22.6
3H	20.8	22.2	21.2	22.6	22.9	22.6	24.0	23.0	24.3	24.7
4H	21.4	22.8	21.8	23.1	23.5	23.8	25.1	24.2	25.5	25.9
6H	21.9	23.1	22.3	23.5	23.9	25.0	26.3	25.4	26.7	27.1
8H	22.0	23.2	22.4	23.6	24.0	25.7	26.9	26.1	27.3	27.7
12H	22.1	23.2	22.5	23.6	24.1	26.4	27.6	26.9	28.0	28.5
4H 2H	20.2	21.5	20.6	21.9	22.2	21.0	22.3	21.4	22.7	23.1
3H	21.9	23.1	22.4	23.5	23.9	23.4	24.6	23.9	25.0	25.5
4H	22.7	23.8	23.2	24.2	24.7	24.8	25.9	25.3	26.3	26.8
6H	23.3	24.3	23.8	24.7	25.2	26.2	27.2	26.7	27.7	28.2
8H	23.5	24.4	24.0	24.9	25.4	27.0	27.9	27.5	28.4	28.9
12H	23.7	24.5	24.2	25.0	25.5	27.9	28.8	28.4	29.3	29.8
8H 4H	23.4	24.3	23.9	24.8	25.3	25.1	26.0	25.7	26.5	27.0
6H	24.3	25.1	24.9	25.6	26.2	26.9	27.6	27.4	28.2	28.7
8H	24.7	25.4	25.3	25.9	26.5	27.9	28.5	28.4	29.1	29.7
12H	25.0	25.6	25.6	26.2	26.8	29.0	29.6	29.6	30.1	30.8
12H 4H	23.6	24.4	24.1	24.9	25.5	25.2	26.0	25.7	26.5	27.0
6H	24.7	25.4	25.2	25.9	26.5	27.0	27.7	27.6	28.2	28.8
8H	25.2	25.8	25.8	26.3	27.0	28.1	28.7	28.7	29.2	29.8
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 Corrected 4839 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

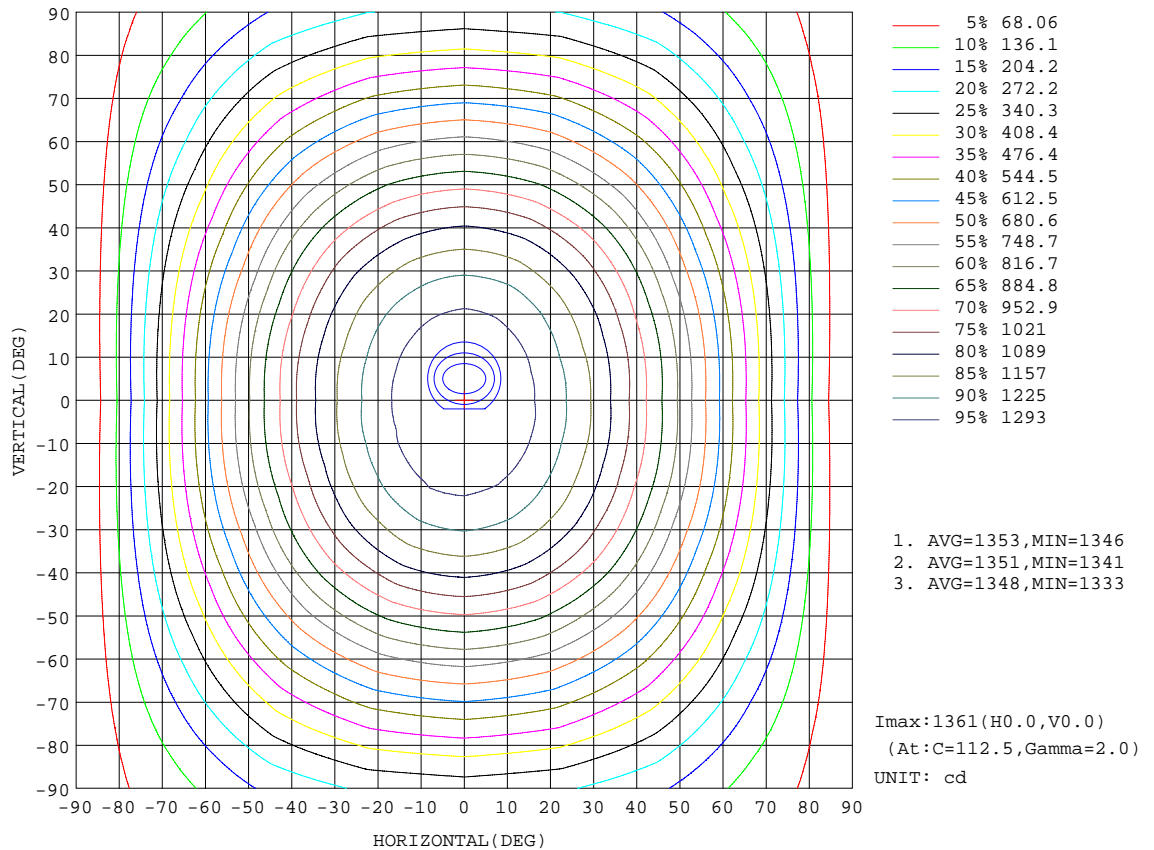
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	33	52	40	33	51	40	33	26
0.80	62	50	42	61	49	42	59	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:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

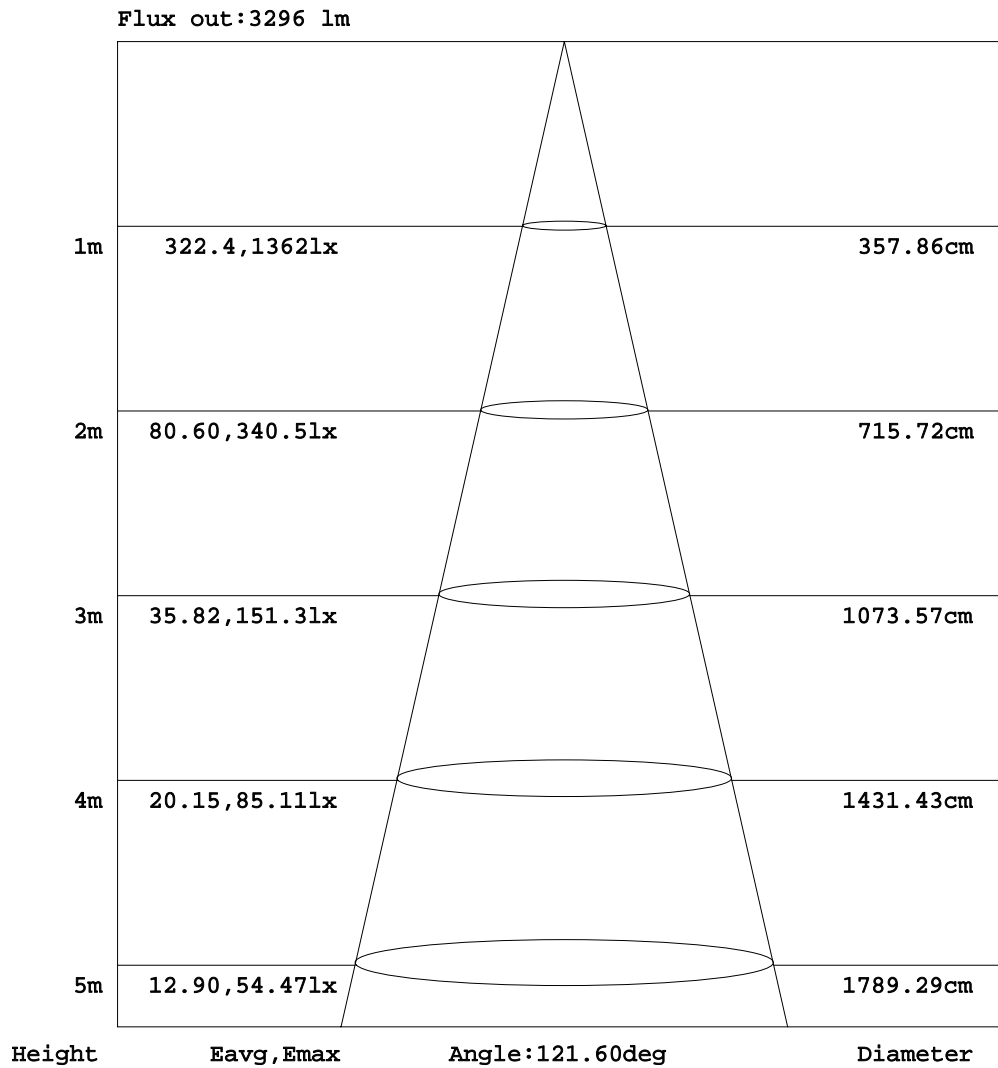


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



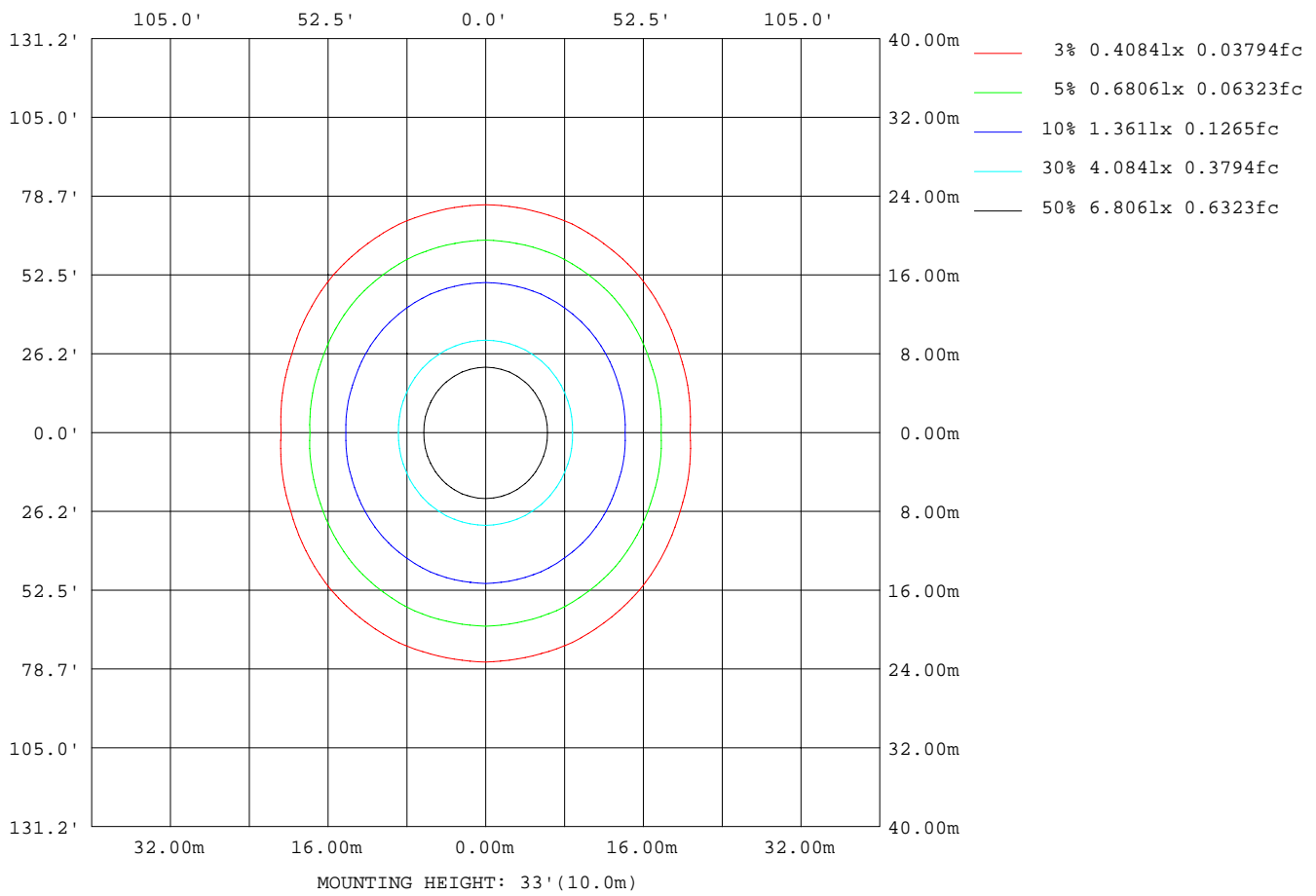
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: East
 Test Date: 2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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:East
 Test Date:2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

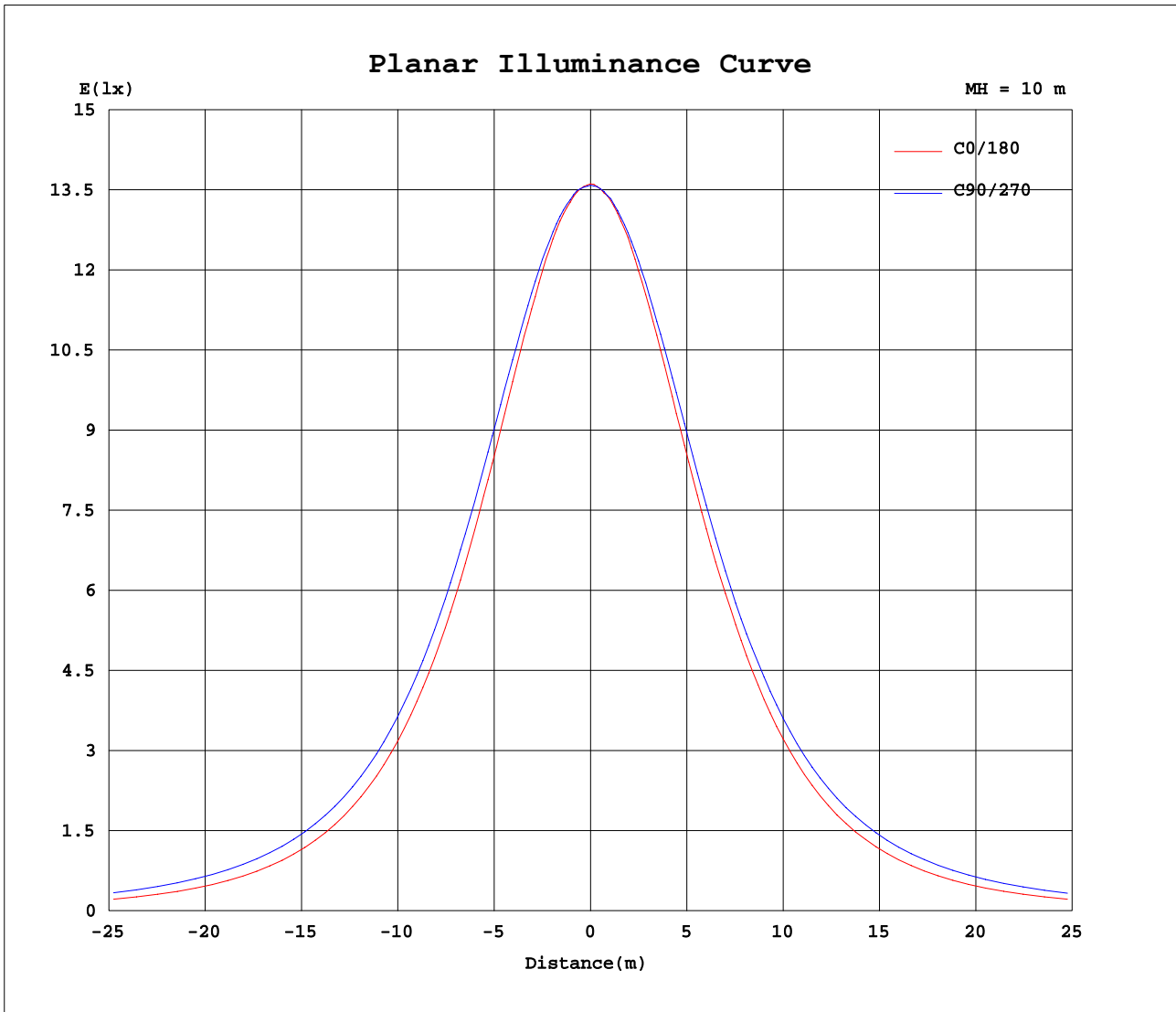
AvgL	cd/m2
L_0~180 (65) av	6971
L_0~180 (75) av	5980
L_0~180 (85) av	4127
L_90~270 (65) av	9943
L_90~270 (75) av	12286
L_90~270 (85) av	25601
L_45 (65) av	8815
L_45 (75) av	10230
L_45 (85) av	19437

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-28

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: East
 Test Date: 2020-07-28

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:240.1V I:0.1462A P:34.41W PF:0.9801 Lamp Flux:4839.34x1 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	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359	1359			
5	1351	1352	1356	1358	1357	1358	1358	1353	1353	1351	1355	1356	1355	1357	1354	1351			
10	1334	1337	1341	1346	1347	1347	1342	1339	1335	1336	1341	1344	1346	1345	1340	1335			
15	1303	1306	1317	1329	1332	1332	1319	1309	1305	1307	1317	1326	1328	1326	1316	1304			
20	1261	1269	1286	1300	1307	1303	1288	1273	1263	1270	1284	1297	1301	1296	1282	1267			
25	1208	1217	1242	1266	1273	1270	1247	1223	1210	1218	1240	1259	1265	1260	1239	1215			
30	1145	1160	1191	1219	1230	1222	1196	1165	1148	1160	1187	1209	1216	1208	1185	1156			
35	1071	1089	1129	1162	1173	1166	1134	1094	1080	1094	1123	1149	1158	1150	1121	1091			
40	989	1012	1058	1093	1107	1096	1063	1019	1000	1018	1057	1084	1094	1085	1056	1015			
45	898	924	978	1017	1030	1021	982	931	909	928	975	1009	1019	1009	973	926			
50	803	833	890	933	949	937	895	840	810	834	885	925	938	924	884	832			
55	700	733	798	848	865	851	803	739	706	732	792	838	853	839	791	732			
60	592	631	706	760	780	763	711	637	596	629	698	750	768	750	698	629			
65	482	527	613	674	695	678	619	532	483	523	604	663	681	663	605	524			
70	369	427	522	588	611	591	528	434	368	419	513	577	596	576	514	422			
75	254	328	438	507	529	510	443	335	253	321	425	493	513	493	427	324			
80	148	239	357	428	450	430	361	245	146	231	344	411	431	412	346	236			
85	60.5	162	282	353	374	354	286	168	57.4	156	270	337	357	338	272	161			
90	20.1	104	217	284	305	286	221	110	17.4	98.4	207	271	290	271	209	104			
95	16.1	65.2	163	226	245	227	167	69.1	14.0	60.3	155	215	232	215	157	65.1			
100	12.7	38.3	120	177	195	179	124	41.1	11.0	34.7	113	168	185	168	115	38.3			
105	5.37	20.5	85.1	136	153	137	88.1	22.1	4.64	17.7	78.9	128	144	128	80.9	20.2			
110	4.07	9.68	57.2	101	116	103	59.7	10.1	3.62	8.10	52.1	94.1	108	94.5	53.7	9.26			
115	3.09	6.84	35.3	72.3	86.2	73.4	37.2	6.48	2.73	6.06	31.4	66.2	79.0	66.6	32.6	6.62			
120	2.36	5.24	19.0	48.8	60.5	49.7	20.4	5.13	2.05	4.78	15.9	43.5	54.6	43.7	16.7	5.15			
125	1.91	4.14	8.25	29.3	39.0	30.0	8.95	4.19	1.58	3.80	6.95	25.2	34.1	25.4	7.31	4.05			
130	1.77	3.45	6.14	14.7	22.0	15.3	6.24	3.60	1.37	3.11	5.75	12.0	18.0	12.3	5.92	3.31			
135	1.94	3.22	5.60	7.69	10.1	7.74	5.74	3.39	1.38	2.73	5.13	7.01	8.20	7.14	5.32	2.96			
140	2.23	3.24	5.33	7.01	7.66	7.04	5.47	3.40	1.45	2.47	4.54	6.20	6.90	6.38	4.81	2.77			
145	2.57	3.34	5.13	6.61	7.14	6.61	5.26	3.49	1.55	2.23	3.95	5.40	6.05	5.69	4.40	2.70			
150	2.83	3.42	4.90	6.16	6.59	6.17	5.01	3.53	1.66	2.01	3.33	4.60	5.25	5.05	4.04	2.66			
155	3.04	3.49	4.64	5.62	6.02	5.63	4.72	3.53	1.81	1.94	2.83	3.89	4.49	4.47	3.76	2.73			
160	3.18	3.48	4.29	5.06	5.31	5.06	4.29	3.47	1.97	2.02	2.39	3.22	3.77	3.86	3.45	2.74			
165	3.13	3.32	3.86	4.36	4.53	4.33	3.72	3.31	2.07	2.14	2.19	2.66	3.15	3.26	3.05	2.61			
170	3.02	3.01	3.40	3.72	3.78	3.57	3.31	3.14	2.17	2.19	2.19	2.33	2.70	2.78	2.72	2.51			
175	2.93	2.80	2.91	3.11	3.11	3.02	2.94	2.88	2.42	2.42	2.46	2.44	2.45	2.68	2.64	2.59			
180	2.75	2.72	2.72	2.68	2.57	2.73	2.54	2.67	2.75	2.75	2.73	2.73	2.73	2.69	2.72	2.76			

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