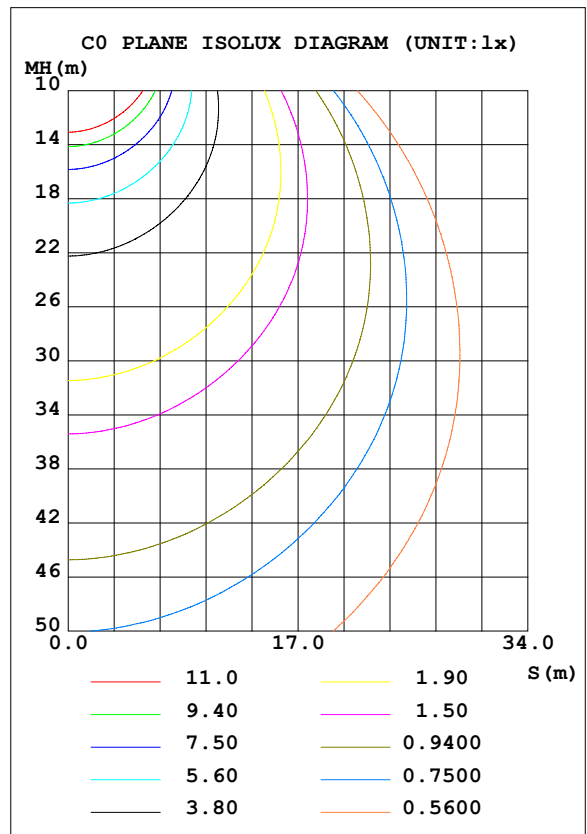
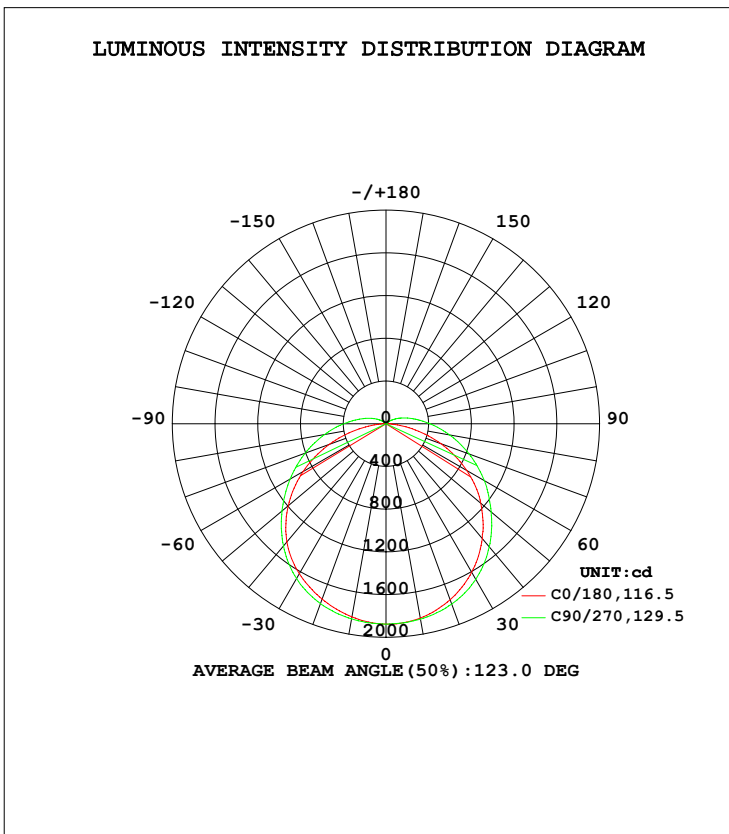


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.83 lm/W			
MODEL	ERS-TRI48WS	I <sub>max</sub> (cd)	1882	S/MH (C0/180)	1.27
NOMINAL POWER (W)	48	LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	6764.2	η UP, DN (C0-180)	3.1, 46.5
NOMINAL FLUX (lm)	6764.19	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.2, 47.2
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	1836	1856	1856	1830	1848	1848	1858	1869	0- 10	177.8	177.8	2.63,2.63
20	1747	1786	1793	1738	1755	1769	1797	1803	10- 20	513.6	691.4	10.2,10.2
30	1622	1663	1674	1605	1605	1643	1682	1680	20- 30	791.8	1483	21.9,21.9
40	1443	1487	1493	1431	1404	1467	1505	1499	30- 40	978.1	2461	36.4,36.4
50	1195	1256	1271	1214	1159	1242	1286	1267	40- 50	1046	3507	51.8,51.8
60	896.4	996.9	1037	970.2	872.2	1000	1063	1018	50- 60	993.6	4501	66.5,66.5
70	563.1	735.9	804.1	719.6	547.1	743.2	828.4	756.8	60- 70	838.1	5339	78.9,78.9
80	225.7	498.2	583.5	489.0	220.0	502.8	605.0	514.5	70- 80	615.7	5954	88,88
90	27.54	298.4	396.4	296.5	24.33	305.7	412.9	315.4	80- 90	385.4	6340	93.7,93.7
100	16.56	162.5	253.0	164.4	14.68	168.9	265.9	176.4	90-100	220.6	6560	97,97
110	8.555	75.37	151.0	78.60	7.606	79.77	160.0	84.14	100-110	117.4	6678	98.7,98.7
120	3.896	23.63	77.52	26.07	3.469	25.91	82.41	28.36	110-120	54.09	6732	99.5,99.5
130	2.091	7.284	27.43	7.322	1.602	7.036	29.83	7.630	120-130	19.33	6751	99.8,99.8
140	2.694	6.245	9.203	6.369	1.632	5.387	8.824	6.003	130-140	5.812	6757	99.9,99.9
150	3.647	5.711	7.969	5.954	1.761	3.720	6.461	4.846	140-150	3.380	6760	99.9,99.9
160	4.868	5.315	6.669	5.641	2.389	3.009	4.430	4.016	150-160	2.237	6763	100,100
170	4.785	4.341	4.661	4.473	3.005	3.513	3.224	3.290	160-170	1.214	6764	100,100
180	3.880	3.627	3.699	3.724	3.876	4.203	4.053	3.679	170-180	0.3653	6764	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 12.1 %									UNIT:lm		

Conical surface Flux(90deg): 2983.6 lm

%lum = 44.1%  
%lamp = 44.1%

Conical surface Flux(120deg): 4500.6 lm

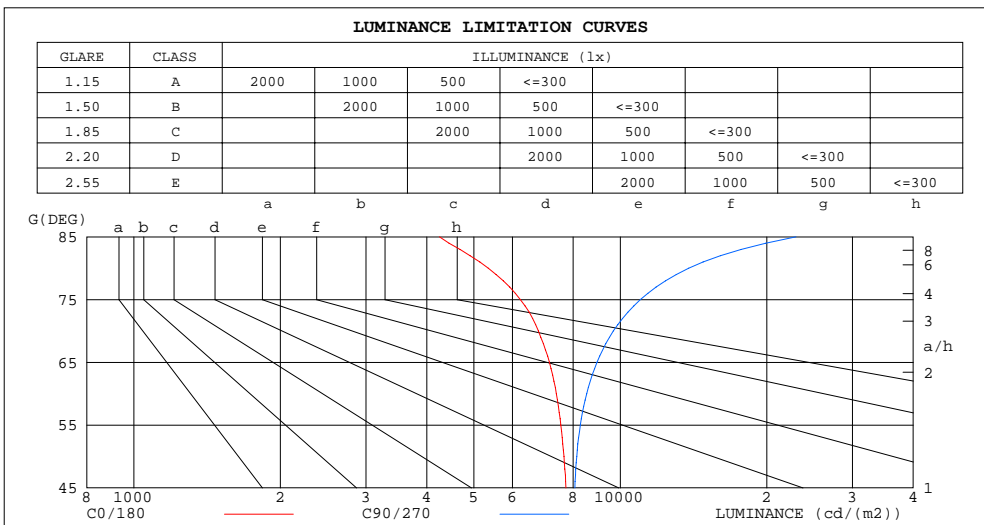
%lum = 66.5%  
%lamp = 66.5%

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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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	4247	22966
80	5354	13823
75	6228	10995
70	6783	9672
65	7148	8955
60	7387	8529
55	7545	8276
50	7658	8137
45	7727	8062

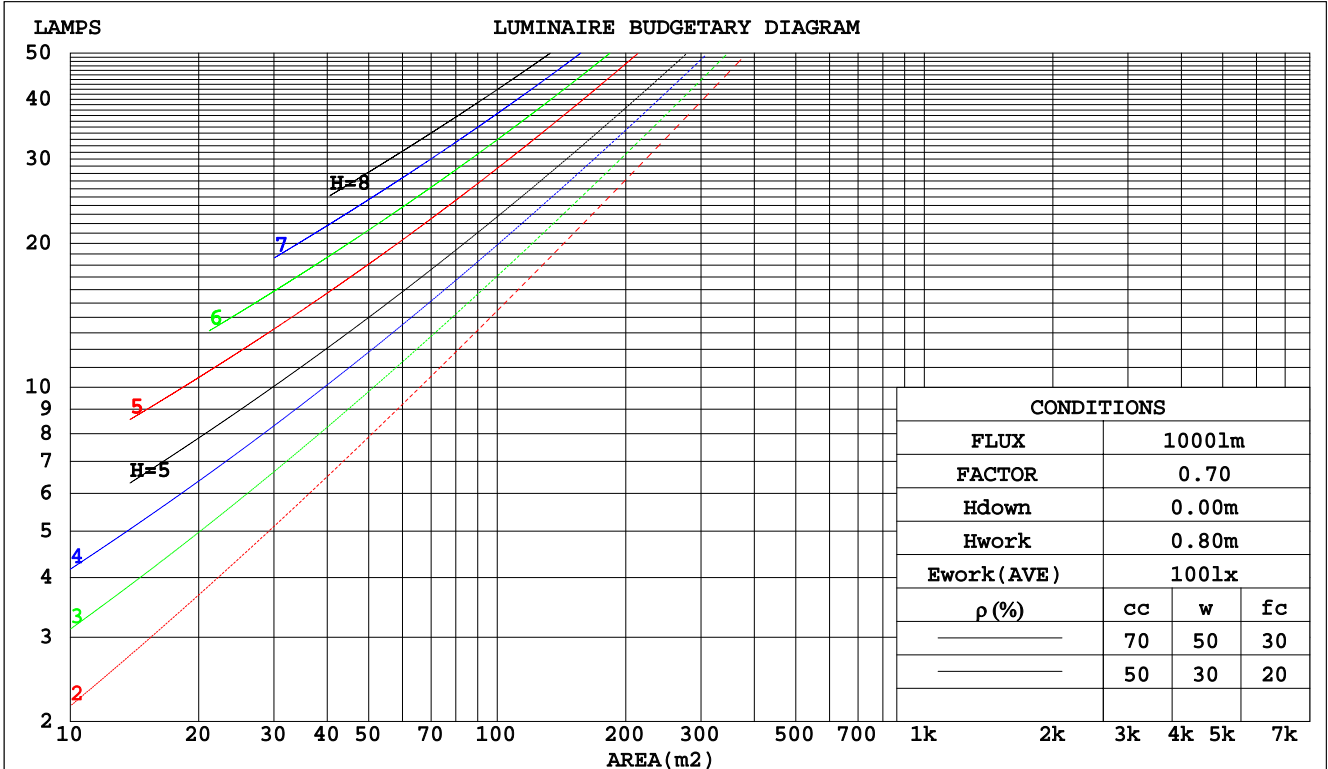
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.8DEG  
 Operators: Ben  
 Test Date: 2020-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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	.81	.79	.77	.74
2.0	.86	.78	.72	.83	.76	.70	.79	.73	.68	.74	.69	.65	.70	.66	.63	.60
3.0	.75	.66	.59	.73	.64	.58	.69	.62	.56	.65	.59	.54	.61	.57	.52	.50
4.0	.66	.56	.49	.64	.55	.48	.61	.53	.47	.57	.51	.46	.55	.49	.44	.42
5.0	.58	.49	.42	.57	.48	.41	.54	.46	.40	.51	.45	.39	.49	.43	.38	.36
6.0	.52	.43	.36	.51	.42	.36	.49	.41	.35	.46	.40	.34	.44	.38	.34	.31
7.0	.47	.38	.32	.46	.38	.32	.44	.36	.31	.42	.35	.30	.40	.34	.30	.27
8.0	.43	.34	.28	.42	.34	.28	.40	.33	.27	.39	.32	.27	.37	.31	.26	.24
9.0	.40	.31	.25	.39	.31	.25	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.36	.28	.23	.36	.28	.23	.34	.27	.22	.33	.26	.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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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	.363	.207	.065	.354	.202	.064	.337	.193	.062	.321	.185	.059	.307	.178	.057	
2.0	.323	.177	.054	.315	.173	.053	.300	.167	.052	.285	.160	.050	.272	.154	.049	
3.0	.291	.155	.046	.283	.152	.046	.270	.146	.044	.257	.141	.043	.245	.136	.042	
4.0	.264	.137	.040	.257	.135	.040	.245	.130	.039	.234	.125	.038	.223	.121	.037	
5.0	.241	.123	.036	.235	.121	.035	.224	.117	.034	.214	.113	.034	.204	.109	.033	
6.0	.222	.111	.032	.216	.109	.031	.207	.106	.031	.197	.103	.030	.189	.099	.029	
7.0	.205	.101	.029	.200	.100	.028	.191	.097	.028	.183	.094	.027	.175	.091	.027	
8.0	.191	.093	.026	.186	.092	.026	.178	.089	.025	.171	.086	.025	.163	.084	.024	
9.0	.178	.086	.024	.174	.085	.024	.167	.082	.023	.160	.080	.023	.153	.078	.022	
10.0	.167	.080	.022	.163	.079	.022	.156	.077	.022	.150	.075	.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	.238	.238	.238	.204	.204	.204	.139	.139	.139	.080	.080	.080	.026	.026	.026	
1.0	.232	.204	.178	.199	.175	.153	.136	.120	.106	.078	.070	.062	.025	.022	.020	
2.0	.225	.180	.143	.193	.155	.123	.132	.107	.086	.076	.062	.050	.024	.020	.016	
3.0	.217	.163	.120	.186	.141	.104	.128	.098	.073	.074	.057	.043	.024	.019	.014	
4.0	.209	.150	.105	.180	.130	.091	.124	.091	.064	.071	.053	.038	.023	.017	.013	
5.0	.202	.140	.095	.173	.121	.082	.119	.085	.058	.069	.050	.035	.022	.016	.011	
6.0	.194	.132	.087	.167	.114	.076	.115	.080	.054	.067	.047	.032	.022	.015	.011	
7.0	.187	.125	.082	.161	.109	.071	.111	.076	.051	.065	.045	.030	.021	.015	.010	
8.0	.180	.120	.078	.155	.104	.068	.108	.073	.048	.063	.043	.029	.020	.014	.009	
9.0	.174	.115	.074	.150	.099	.065	.104	.070	.046	.061	.041	.027	.020	.014	.009	
10.0	.168	.110	.072	.145	.096	.063	.101	.067	.044	.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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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	19.4	20.9	19.8	21.3	21.6	20.0	21.5	20.4	21.8	22.2
3H	21.0	22.4	21.4	22.8	23.1	22.2	23.5	22.5	23.9	24.3
4H	21.7	23.0	22.1	23.4	23.8	23.3	24.6	23.7	25.0	25.4
6H	22.1	23.4	22.5	23.8	24.2	24.5	25.7	24.9	26.1	26.5
8H	22.3	23.5	22.7	23.9	24.3	25.1	26.3	25.5	26.7	27.1
12H	22.3	23.5	22.8	23.9	24.3	25.8	27.0	26.3	27.4	27.9
4H 2H	20.2	21.6	20.6	21.9	22.3	20.7	22.0	21.1	22.4	22.8
3H	22.1	23.2	22.5	23.6	24.1	23.0	24.2	23.5	24.6	25.1
4H	22.9	23.9	23.3	24.4	24.9	24.3	25.4	24.8	25.9	26.3
6H	23.5	24.5	24.0	24.9	25.4	25.7	26.7	26.2	27.2	27.7
8H	23.7	24.6	24.2	25.1	25.6	26.5	27.4	27.0	27.9	28.4
12H	23.9	24.7	24.4	25.2	25.7	27.3	28.2	27.9	28.7	29.2
8H 4H	23.5	24.4	24.0	24.9	25.4	24.7	25.6	25.2	26.1	26.6
6H	24.4	25.2	25.0	25.7	26.3	26.4	27.2	26.9	27.7	28.2
8H	24.8	25.5	25.4	26.0	26.6	27.4	28.0	27.9	28.6	29.2
12H	25.1	25.7	25.7	26.3	26.9	28.5	29.0	29.0	29.6	30.2
12H 4H	23.7	24.5	24.2	25.0	25.5	24.8	25.6	25.3	26.1	26.6
6H	24.7	25.4	25.3	26.0	26.5	26.5	27.2	27.1	27.7	28.3
8H	25.3	25.9	25.8	26.4	27.0	27.6	28.2	28.2	28.7	29.4
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 / - 0.4				

CIE Pub.117 Corrected 6764 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.6)

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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

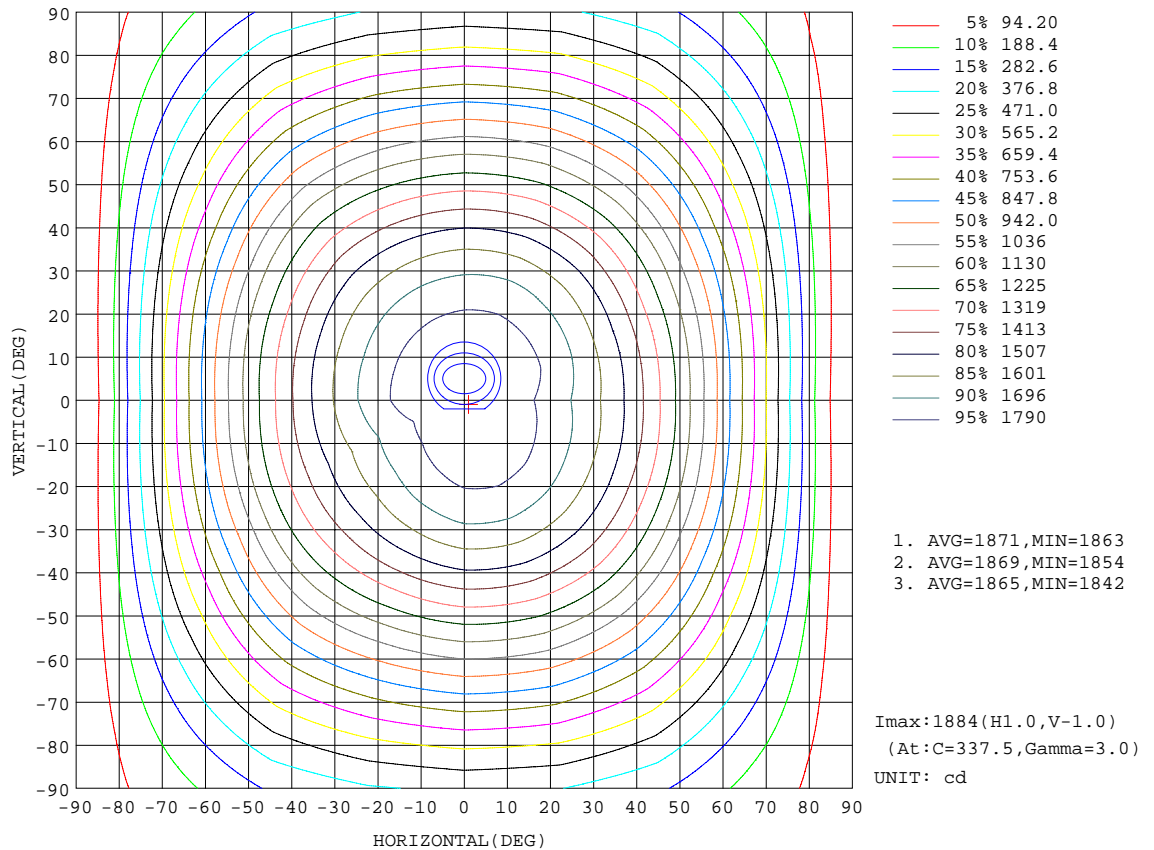
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	40	33	52	40	33	50	40	33	26
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	50	66	59	49	41
1.25	77	65	57	75	64	57	72	63	56	48
1.50	82	71	63	80	70	62	77	68	61	52
2.00	89	79	72	87	78	71	83	75	69	60
2.50	94	84	77	91	83	76	86	79	74	64
3.00	97	89	82	95	87	81	90	83	78	68
4.00	102	95	89	99	92	87	93	88	84	73
5.00	104	98	93	101	96	91	96	91	87	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



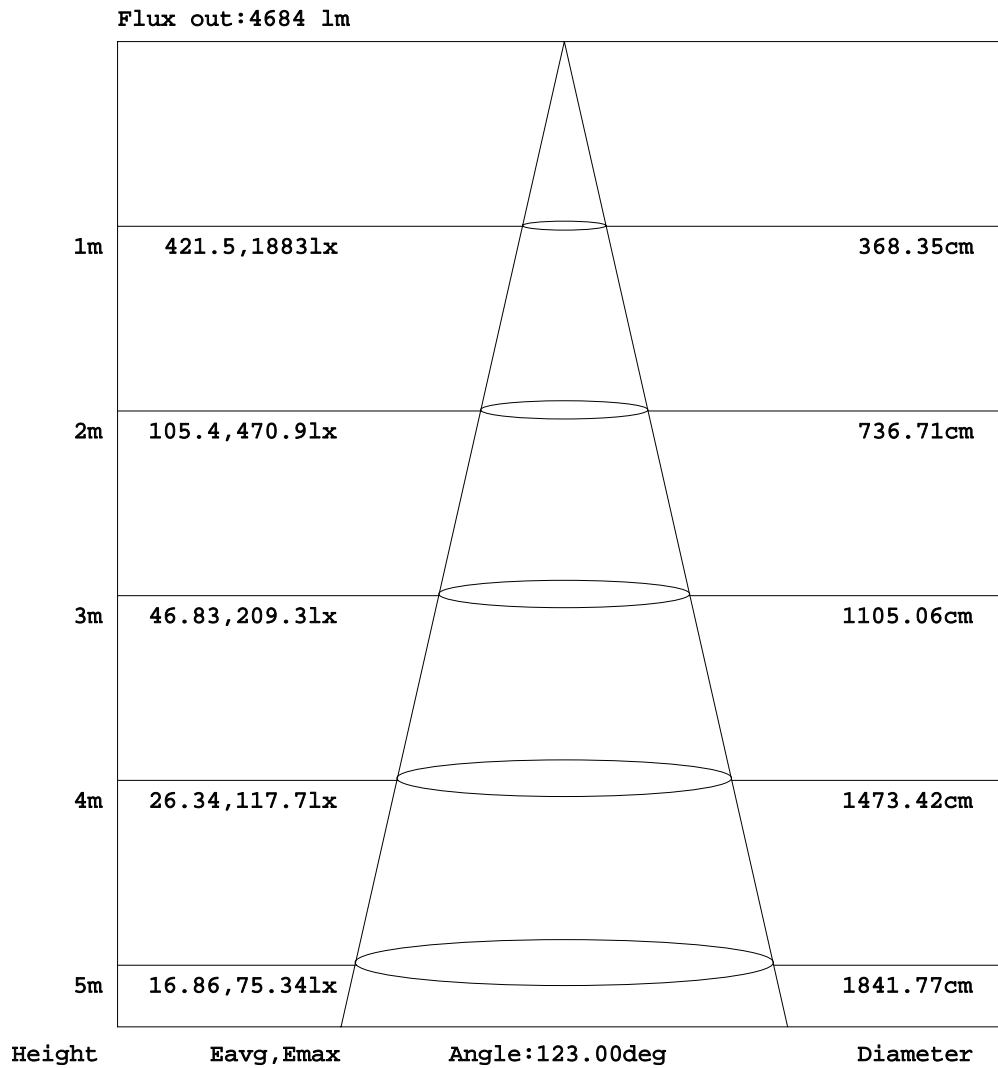
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.8DEG  
 Operators:Ben  
 Test Date:2020-08-05

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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:



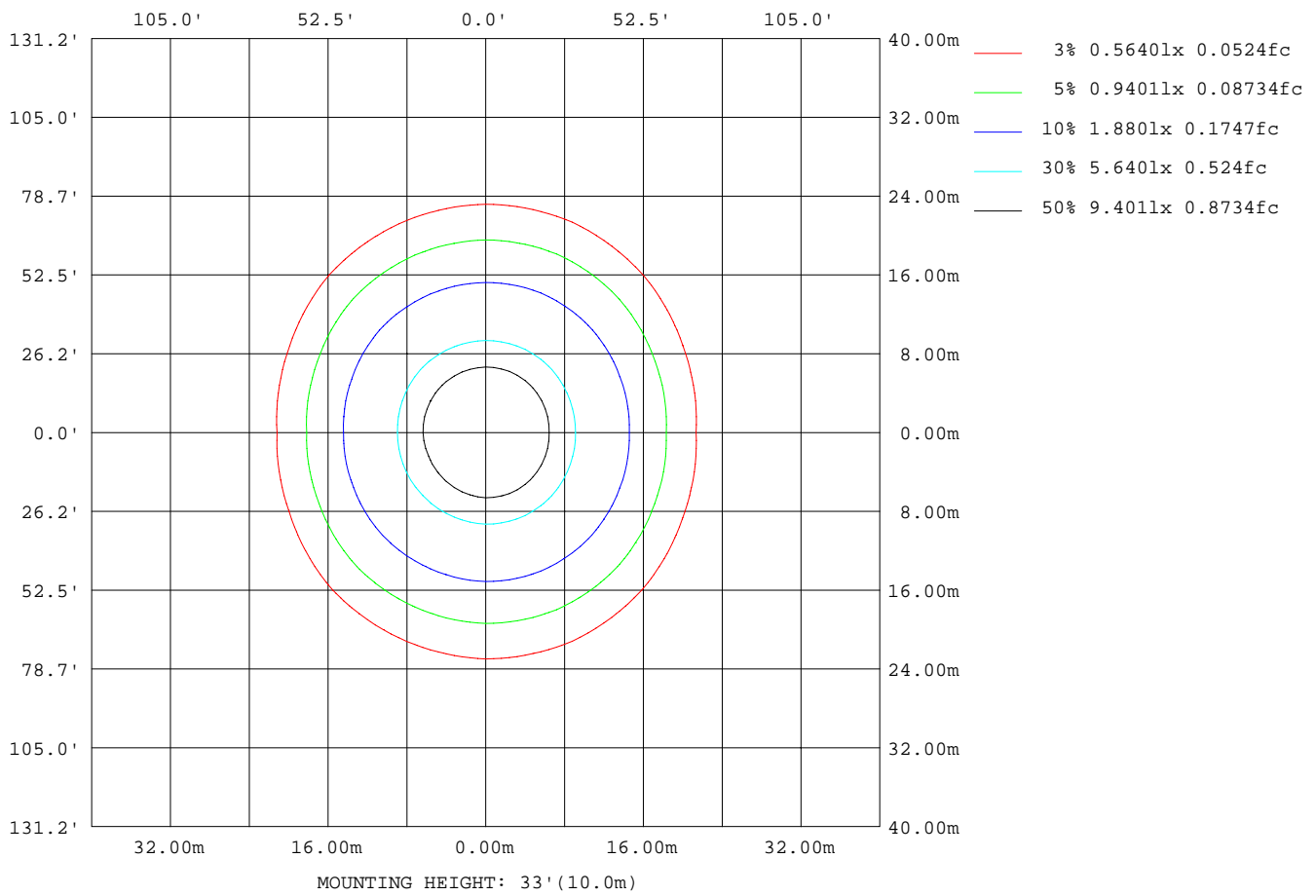
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 lm		
NAME: LED Waterproof Luminaires	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ERS	SUR.:	Shielding Angle:

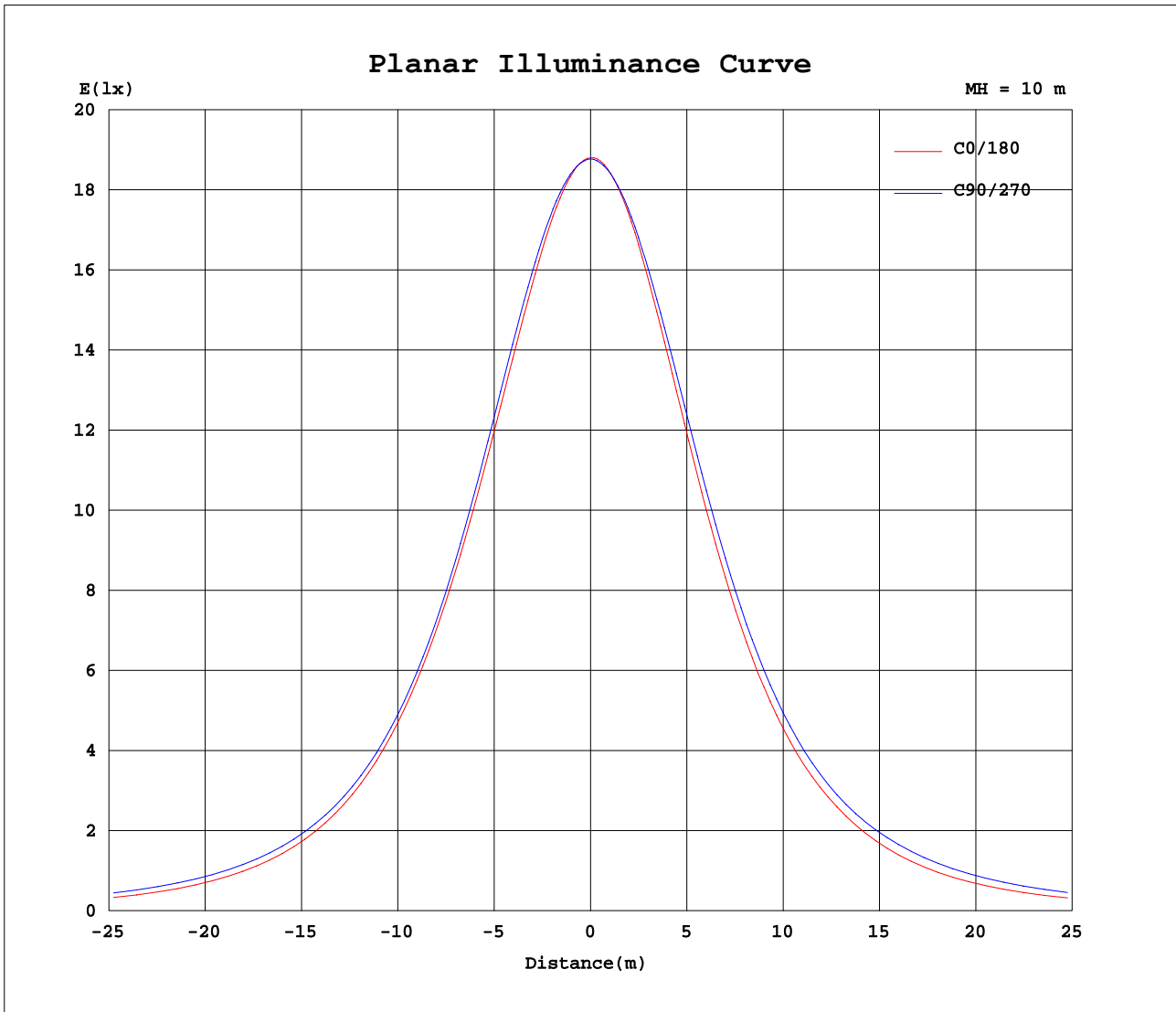
AvgL	cd/m2
L_0~180 (65) av	7034
L_0~180 (75) av	6125
L_0~180 (85) av	4164
L_90~270 (65) av	9072
L_90~270 (75) av	11167
L_90~270 (85) av	23350
L_45 (65) av	8431
L_45 (75) av	9780
L_45 (85) av	18644

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:240.0V I:0.2106A P:48.03W PF:0.9501 Lamp Flux:6764.19x1 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	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876	1876			
5	1864	1870	1873	1873	1870	1866	1858	1855	1871	1868	1867	1870	1871	1877	1879	1880			
10	1836	1846	1856	1859	1856	1846	1830	1821	1848	1846	1848	1852	1858	1866	1869	1866			
15	1796	1812	1826	1834	1830	1813	1790	1775	1808	1808	1815	1824	1832	1845	1844	1836			
20	1747	1765	1786	1797	1793	1768	1738	1720	1755	1758	1769	1784	1797	1808	1803	1790			
25	1689	1708	1731	1747	1741	1714	1676	1657	1687	1694	1713	1731	1747	1758	1750	1729			
30	1622	1639	1663	1680	1674	1641	1605	1585	1605	1618	1643	1662	1682	1692	1680	1656			
35	1542	1557	1583	1597	1591	1557	1524	1504	1510	1528	1561	1581	1601	1610	1598	1567			
40	1443	1458	1487	1500	1493	1459	1431	1413	1404	1426	1467	1485	1505	1514	1499	1464			
45	1326	1345	1377	1390	1386	1350	1327	1306	1285	1313	1360	1378	1397	1406	1389	1348			
50	1195	1217	1256	1275	1271	1236	1214	1183	1159	1191	1242	1264	1286	1290	1267	1222			
55	1050	1079	1127	1155	1154	1119	1094	1047	1023	1064	1127	1150	1172	1175	1146	1092			
60	896	932	997	1034	1037	1000	970	905	872	922	1000	1036	1063	1060	1018	946			
65	733	781	865	913	920	883	845	758	713	774	870	916	945	939	886	795			
70	563	629	736	795	804	769	720	613	547	627	743	799	828	819	757	645			
75	391	486	612	679	692	657	599	476	380	485	619	683	714	703	632	500			
80	226	351	498	570	583	551	489	347	220	353	503	573	605	591	515	365			
85	89.8	236	391	469	487	456	385	237	86.7	239	397	471	503	488	407	251			
90	27.5	149	298	378	396	368	296	153	24.3	153	306	381	413	396	315	163			
95	21.7	90.6	223	299	318	292	223	95.5	19.2	93.6	230	303	333	315	239	101			
100	16.6	52.1	162	233	253	229	164	56.2	14.7	54.0	169	238	266	248	176	59.5			
105	12.1	25.9	114	179	198	176	117	29.2	10.8	27.7	119	183	209	191	125	31.4			
110	8.56	11.2	75.4	132	151	131	78.6	12.6	7.61	12.2	79.8	136	160	143	84.1	14.1			
115	5.83	7.63	45.9	94.1	111	94.1	48.9	7.34	5.19	7.53	49.1	96.8	118	102	52.5	7.90			
120	3.90	5.77	23.6	62.6	77.5	63.1	26.1	5.67	3.47	5.81	25.9	65.0	82.4	68.7	28.4	6.09			
125	2.17	4.48	9.77	37.1	49.9	37.8	11.1	4.58	1.84	4.54	11.4	39.3	53.3	41.7	12.5	4.78			
130	2.09	3.79	7.28	18.3	27.4	19.0	7.32	3.98	1.60	3.68	7.04	19.6	29.8	21.0	7.63	3.92			
135	2.35	3.60	6.67	9.22	12.2	9.08	6.75	3.83	1.63	3.14	6.21	8.99	14.4	9.60	6.77	3.50			
140	2.69	3.61	6.25	8.45	9.20	8.27	6.37	3.83	1.63	2.63	5.39	7.68	8.82	8.21	6.00	3.15			
145	3.13	3.95	5.93	7.98	8.58	7.79	6.08	4.00	1.67	2.24	4.55	6.59	7.63	7.23	5.38	2.95			
150	3.65	4.51	5.71	7.65	7.97	7.29	5.95	4.28	1.76	2.02	3.72	5.49	6.46	6.32	4.85	2.88			
155	4.33	5.15	5.58	7.29	7.41	6.81	5.91	4.71	2.13	2.05	3.17	4.49	5.37	5.51	4.46	2.98			
160	4.87	5.43	5.32	6.76	6.67	6.11	5.64	4.88	2.39	2.39	3.01	3.54	4.43	4.64	4.02	3.02			
165	4.99	5.35	4.85	5.94	5.66	5.15	5.01	4.73	2.72	2.89	3.28	2.96	3.84	3.87	3.57	3.09			
170	4.78	5.00	4.34	5.07	4.66	4.55	4.47	4.41	3.00	3.20	3.51	2.96	3.22	3.33	3.29	3.16			
175	4.28	4.61	3.90	4.47	3.89	3.98	4.03	3.98	3.33	3.46	3.73	3.19	3.38	3.35	3.40	3.40			
180	3.88	4.25	3.63	4.08	3.70	3.68	3.72	3.92	3.88	3.87	4.20	3.61	4.05	3.76	3.68	3.74			

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