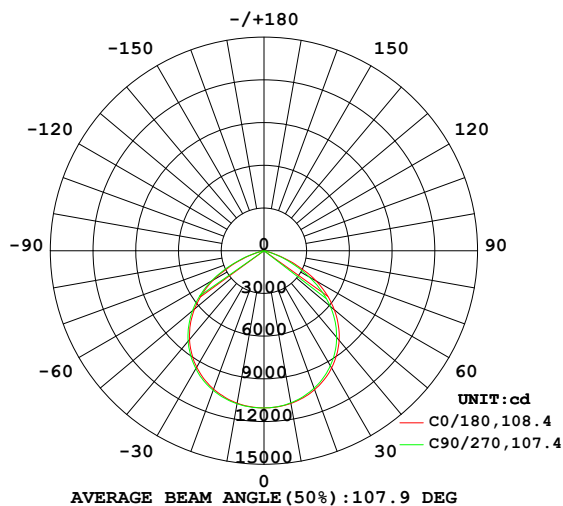


LUMINAIRE PHOTOMETRIC TEST REPORT

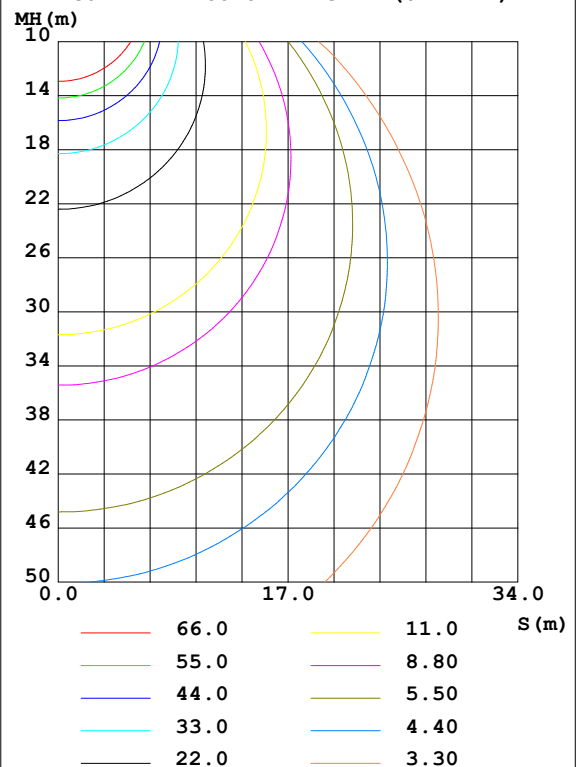
Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.01 lm/W			
MODEL	ERS-F200W	I _{max} (cd)	11044	S/MH (C0/180)	1.28
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	27876	η UP,DN (C0-180)	0.1,51.1
NOMINAL FLUX (lm)	27876.1	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,48.8
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Ben
 Test Date:2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 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	1087	1089	1091	1091	1090	1086	1084	1084	0- 10	1046	1046	3.75, 3.75
20	1035	1040	1044	1044	1039	1033	1028	1029	10- 20	3011	4057	14.6, 14.6
30	945.1	952.2	956.5	959.2	950.5	941.2	931.6	934.3	20- 30	4591	8647	31, 31
40	814.4	823.2	828.9	833.2	820.8	805.6	793.6	797.0	30- 40	5536	14183	50.9, 50.9
50	638.0	648.9	655.6	660.5	645.2	623.0	607.8	614.5	40- 50	5631	19814	71.1, 71.1
60	410.8	423.5	427.4	440.1	421.4	393.5	365.9	383.1	50- 60	4703	24517	87.9, 87.9
70	137.7	163.8	162.4	175.5	148.0	140.5	117.5	126.3	60- 70	2715	27232	97.7, 97.7
80	9.366	11.54	11.43	12.98	10.46	9.339	7.431	8.441	70- 80	577.6	27810	99.8, 99.8
90	0.3458	0.0993	0.0914	0.1090	0.0356	0.0364	0.0365	0.0373	80- 90	36.19	27846	99.9, 99.9
100	0.2098	0.2028	0.1908	0.1991	0.0780	0.0816	0.0837	0.0840	90-100	1.137	27847	99.9, 99.9
110	0.2762	0.2780	0.2749	0.2742	0.1306	0.1396	0.1444	0.1433	100-110	1.843	27849	99.9, 99.9
120	0.3884	0.3856	0.3884	0.3785	0.2198	0.2168	0.2256	0.2235	110-120	2.482	27851	99.9, 99.9
130	0.6004	0.6042	0.6174	0.6018	0.3513	0.3413	0.3417	0.3452	120-130	3.403	27855	99.9, 99.9
140	0.9748	1.038	1.051	1.014	0.5127	0.5163	0.5078	0.5183	130-140	4.692	27859	99.9, 99.9
150	1.425	1.583	1.591	1.541	0.6494	0.6587	0.6703	0.6713	140-150	5.890	27865	100, 100
160	1.802	1.873	1.900	1.885	0.8786	0.8639	0.8457	0.8451	150-160	5.750	27871	100, 100
170	1.681	1.720	1.722	1.711	1.046	0.9982	0.9541	0.9946	160-170	3.908	27875	100, 100
180	1.414	1.373	1.309	1.402	1.423	1.410	1.333	1.352	170-180	1.300	27876	100, 100
DEG	LUMINOUS INTENSITY: ×10cd									UNIT: lm		

Conical surface Flux(90deg): 17047 lm

%lum = 61.2%

%lamp = 61.2%

Conical surface Flux(120deg): 24517 lm

%lum = 87.9%

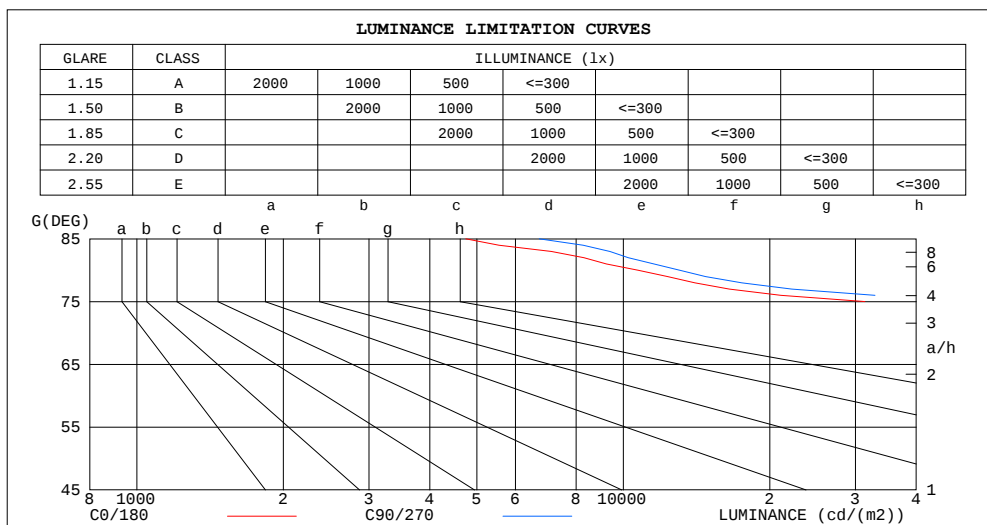
%lamp = 87.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Ben
 Test Date: 2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.503m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



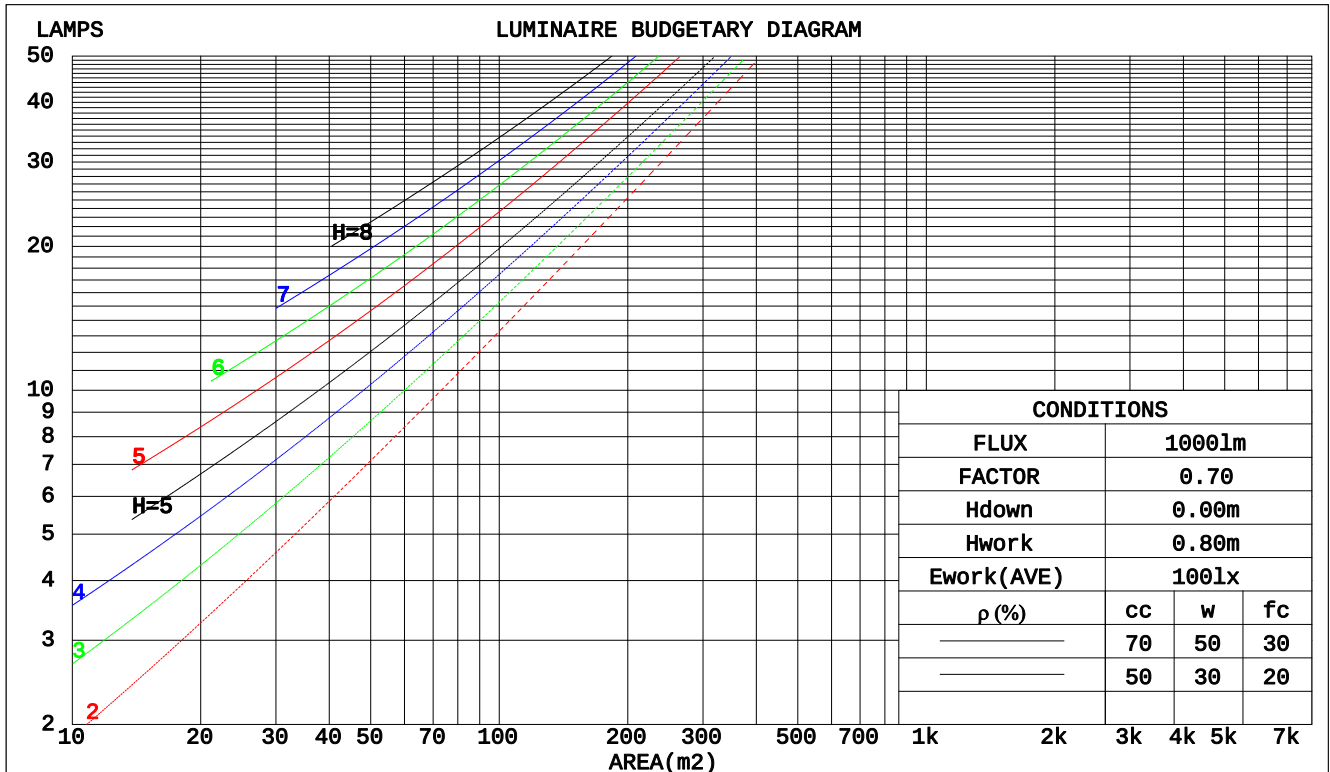
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.00
1.0	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.86	.82	.78	.83	.79	.77	.75
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.74	.70	.66	.64
4.0	.74	.66	.60	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.62	.55	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.56	.49	.45	.54	.49	.44	.42
7.0	.55	.46	.40	.54	.46	.40	.52	.45	.40	.51	.44	.40	.50	.44	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.35	.33
9.0	.46	.38	.32	.45	.38	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.42	.35	.29	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm					
NAME: LED Flood Light			TYPE:N/A		WEIGHT:N/A
SPEC.:N/A			DIM.: N/A		SERIAL No.:N/A
MFR.: ERS			SUR.:N/A		Shielding Angle:N/A

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.260	.148	.047	.253	.144	.046	.240	.138	.044	.228	.132	.042	.217	.126	.041	
2.0	.256	.140	.043	.250	.137	.042	.238	.132	.041	.228	.128	.040	.218	.123	.039	
3.0	.243	.129	.039	.238	.127	.038	.228	.123	.038	.219	.120	.037	.210	.116	.036	
4.0	.229	.119	.035	.224	.117	.035	.215	.114	.034	.207	.111	.034	.199	.108	.033	
5.0	.215	.110	.032	.211	.108	.032	.203	.106	.031	.195	.103	.031	.188	.101	.030	
6.0	.202	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028	
7.0	.189	.094	.027	.186	.093	.026	.179	.091	.026	.174	.089	.026	.168	.087	.026	
8.0	.178	.087	.024	.175	.086	.024	.169	.085	.024	.164	.083	.024	.159	.082	.024	
9.0	.168	.081	.023	.165	.080	.023	.160	.079	.022	.155	.078	.022	.150	.076	.022	
10.0	.158	.076	.021	.156	.075	.021	.151	.074	.021	.147	.073	.021	.143	.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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.178	.157	.139	.152	.135	.120	.104	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.168	.133	.103	.144	.114	.089	.099	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.160	.115	.079	.137	.099	.068	.094	.069	.048	.054	.040	.028	.017	.013	.009	
4.0	.153	.101	.062	.131	.088	.054	.090	.061	.038	.052	.036	.022	.017	.012	.007	
5.0	.146	.091	.050	.125	.079	.044	.086	.055	.031	.050	.032	.018	.016	.011	.006	
6.0	.139	.082	.042	.119	.071	.036	.082	.050	.026	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.035	.114	.065	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.127	.070	.031	.109	.060	.027	.075	.042	.019	.044	.025	.011	.014	.008	.004	
9.0	.121	.065	.027	.104	.056	.023	.072	.039	.017	.042	.023	.010	.014	.008	.003	
10.0	.116	.060	.024	.100	.053	.021	.069	.037	.015	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm										
NAME: LED Flood Light					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: ERS					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	31.0	32.5	31.3	32.7	32.9	31.2	32.6	31.4	32.8	33.0
3H	31.6	32.9	31.9	33.1	33.4	31.8	33.1	32.1	33.4	33.6
4H	31.6	32.8	31.9	33.1	33.3	31.8	33.1	32.1	33.3	33.6
6H	31.5	32.6	31.8	32.9	33.2	31.7	32.9	32.1	33.2	33.4
8H	31.4	32.5	31.8	32.8	33.1	31.7	32.8	32.0	33.1	33.4
12H	31.4	32.4	31.7	32.7	33.0	31.6	32.7	32.0	33.0	33.3
4H 2H	31.4	32.7	31.8	32.9	33.2	31.6	32.8	31.9	33.0	33.3
3H	32.1	33.1	32.4	33.4	33.7	32.3	33.4	32.6	33.6	33.9
4H	32.1	33.0	32.4	33.4	33.7	32.3	33.3	32.7	33.6	33.9
6H	32.0	32.8	32.4	33.2	33.6	32.2	33.1	32.6	33.4	33.8
8H	32.0	32.7	32.4	33.1	33.5	32.2	33.0	32.6	33.3	33.7
12H	31.9	32.6	32.3	33.0	33.4	32.2	32.9	32.6	33.3	33.7
8H 4H	32.0	32.8	32.4	33.2	33.6	32.2	33.0	32.7	33.4	33.8
6H	32.0	32.6	32.4	33.0	33.4	32.2	32.8	32.6	33.2	33.7
8H	31.9	32.5	32.4	32.9	33.4	32.2	32.7	32.6	33.1	33.6
12H	31.9	32.4	32.4	32.8	33.3	32.1	32.6	32.6	33.0	33.5
12H 4H	32.0	32.7	32.4	33.1	33.5	32.2	32.9	32.6	33.3	33.7
6H	31.9	32.5	32.4	32.9	33.4	32.1	32.7	32.6	33.1	33.6
8H	31.9	32.4	32.4	32.8	33.3	32.1	32.6	32.6	33.0	33.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.7					+ 0.4 / - 0.6				
2.0H	+ 0.7 / - 0.6					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 27876 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.6)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

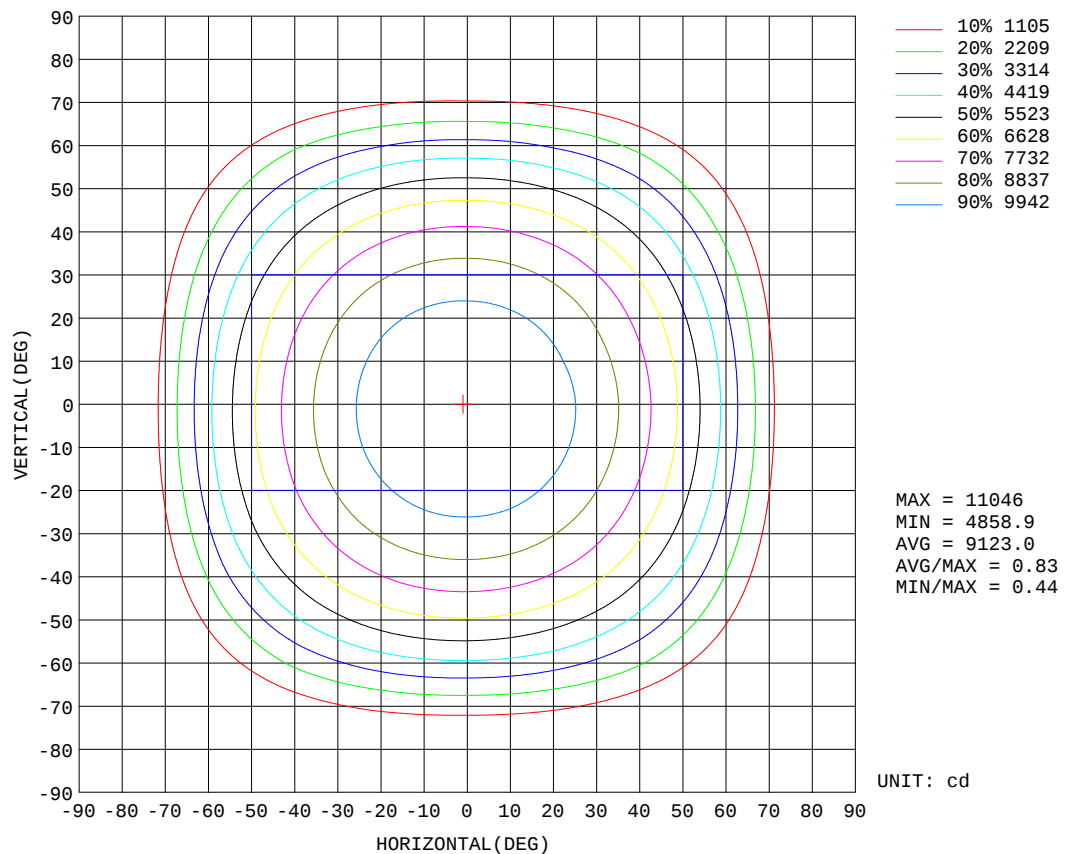
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	43	60	49	43	59	49	42	36
0.80	71	60	53	70	60	53	68	59	53	46
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	77	88	81	75	69
2.00	99	91	86	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	98	93	99	95	91	83
4.00	108	104	100	106	102	98	102	99	96	87
5.00	110	106	103	108	104	101	104	101	98	90
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:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

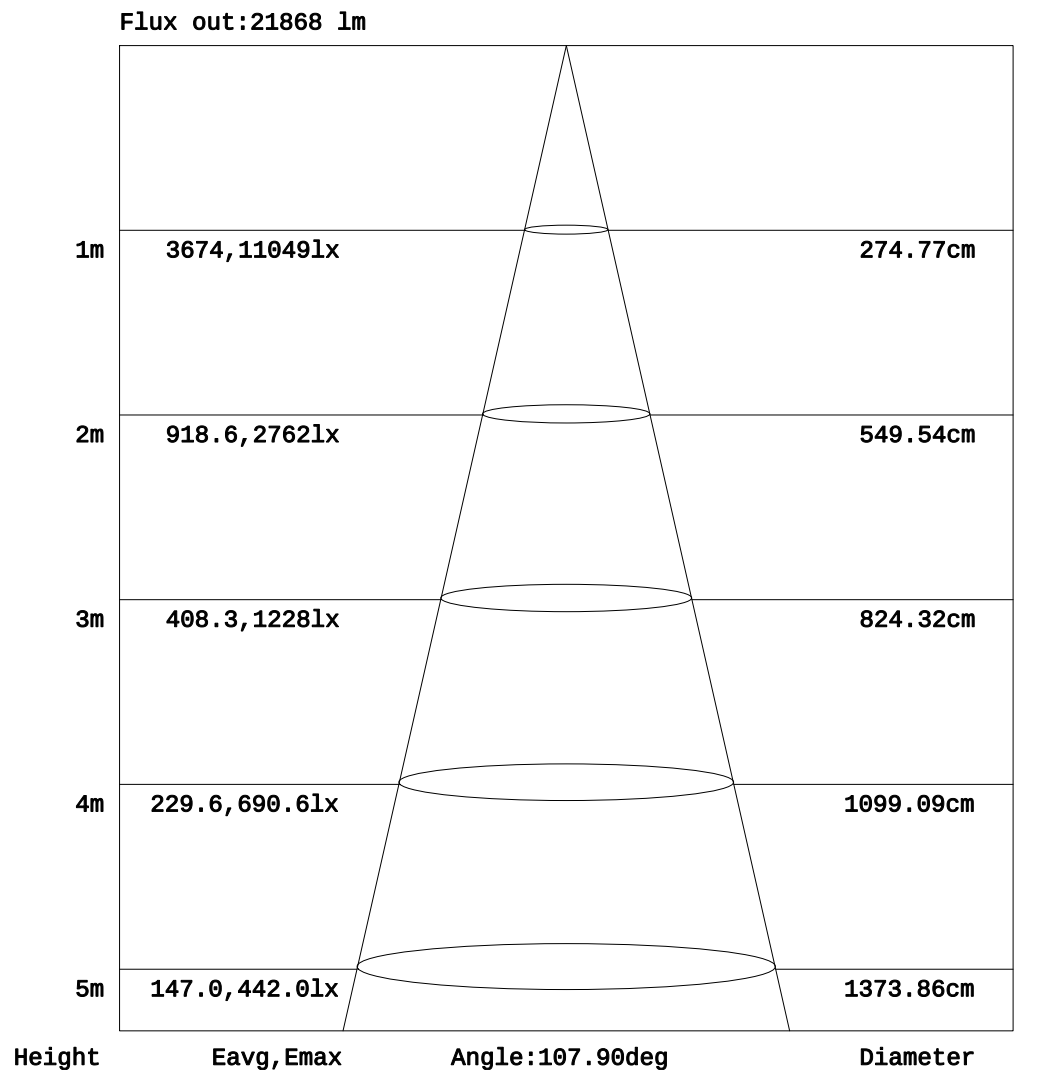


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Ben
Test Date:2020-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.503m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



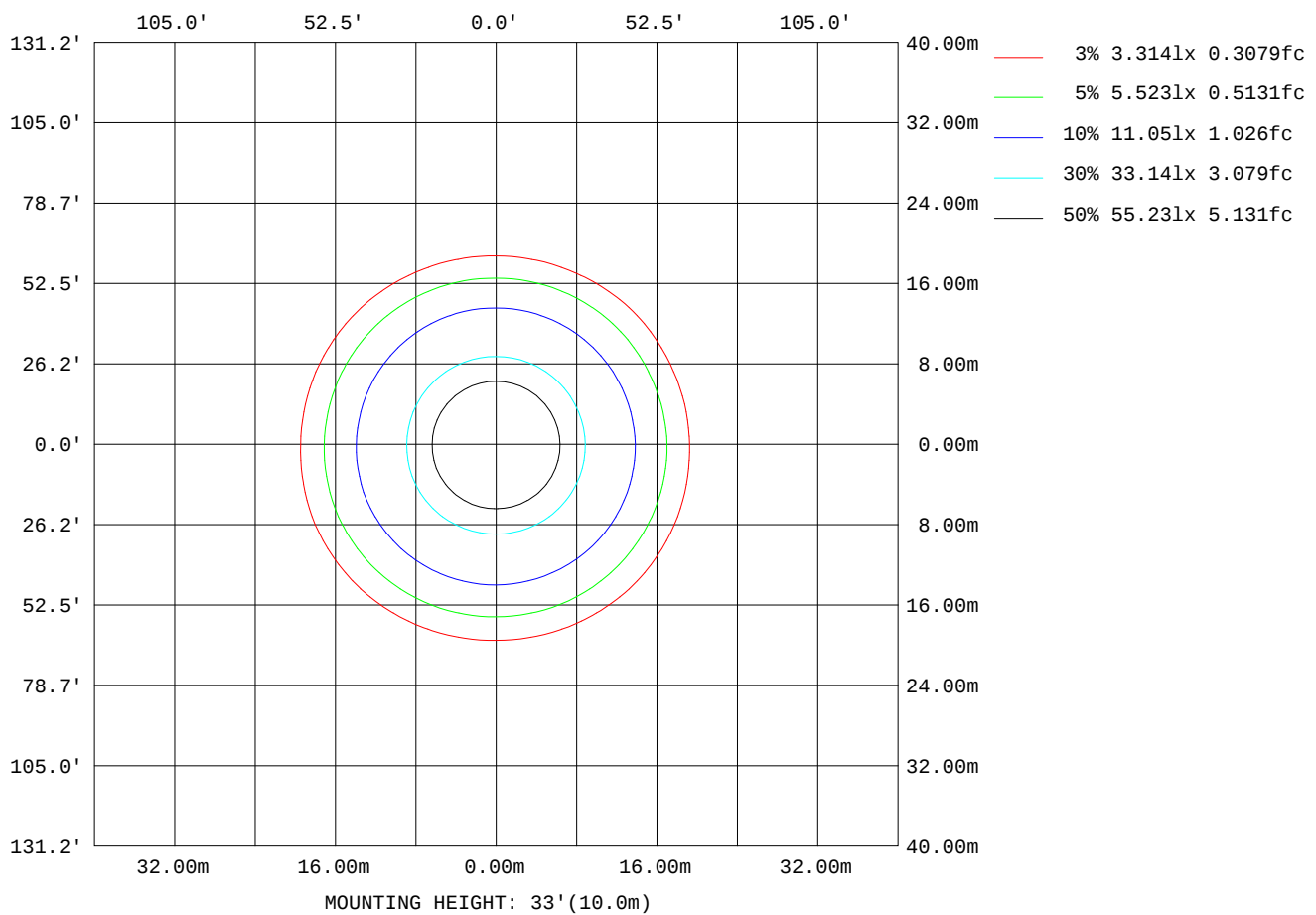
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Ben
 Test Date:2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.503m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Ben
Test Date: 2020-11-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 47%
Test Distance: 2.503m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

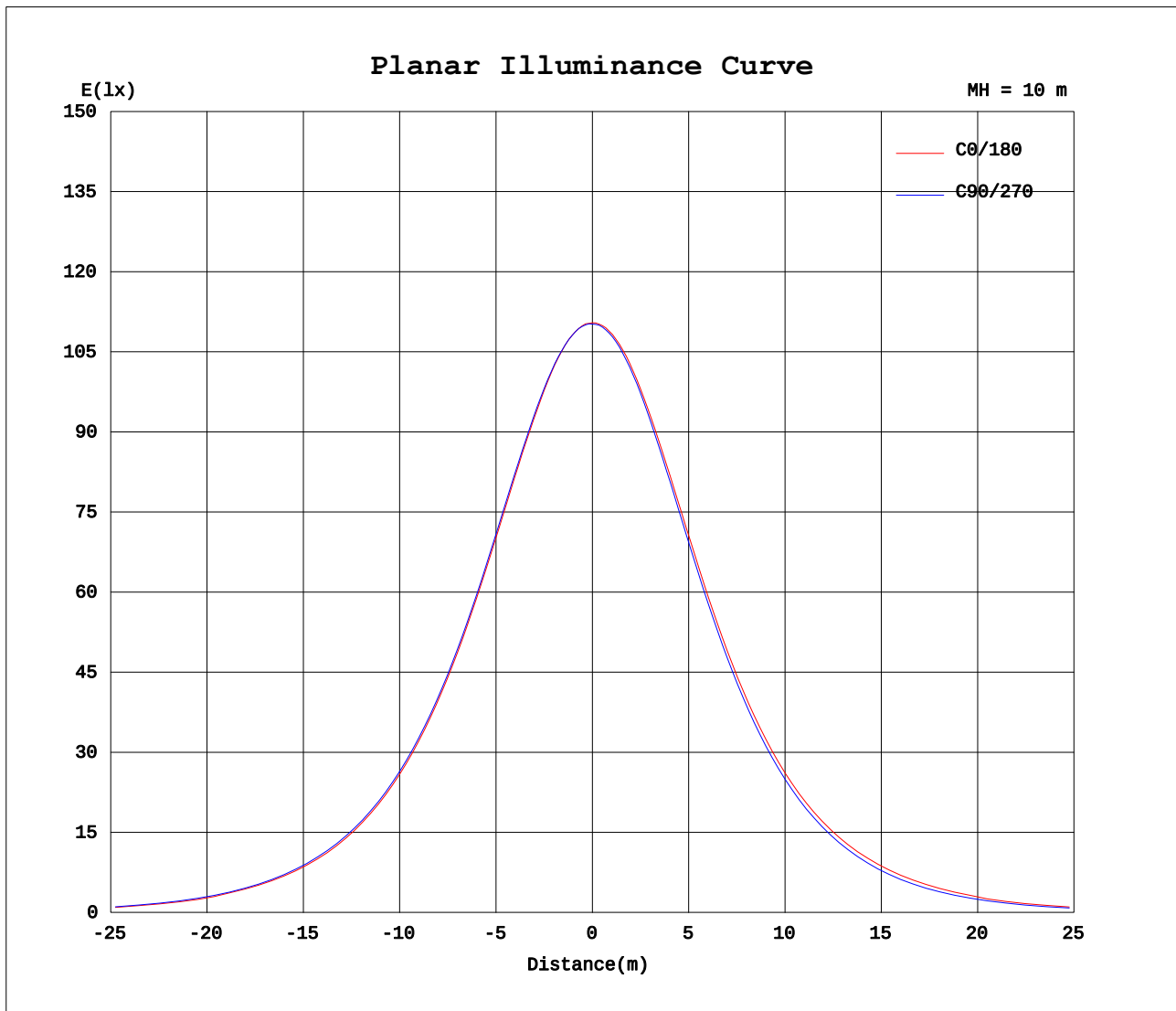
AvgL	cd/m2
L_0~180 (65) av	127759
L_0~180 (75) av	31198
L_0~180 (85) av	4900
L_90~270 (65) av	123467
L_90~270 (75) av	31301
L_90~270 (85) av	5101
L_45 (65) av	132139
L_45 (75) av	32240
L_45 (85) av	5524

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Ben
 Test Date:2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.503m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Ben
Test Date: 2020-11-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 47%
Test Distance: 2.503m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.9051A P:199.1W PF:0.9561 Lamp Flux:27876.1x1 lm		
NAME: LED Flood Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: x10cd

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	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103	1103			
5	1099	1099	1099	1100	1102	1101	1101	1102	1100	1099	1099	1098	1099	1098	1097	1098			
10	1087	1087	1089	1090	1091	1091	1091	1091	1090	1087	1086	1085	1084	1083	1084	1085			
15	1065	1066	1068	1071	1072	1072	1072	1072	1068	1066	1064	1062	1061	1060	1061	1062			
20	1035	1036	1040	1042	1044	1044	1044	1043	1039	1035	1033	1030	1028	1028	1029	1030			
25	994	997	1000	1003	1006	1006	1006	1006	1000	995	992	988	985	984	986	989			
30	945	948	952	955	956	958	959	958	950	946	941	936	932	932	934	937			
35	884	888	893	896	898	899	901	899	891	884	879	872	869	869	871	876			
40	814	819	823	825	829	831	833	830	821	812	806	798	794	794	797	804			
45	732	738	741	745	748	752	752	751	739	732	720	713	707	707	712	719			
50	638	642	649	652	656	660	660	659	645	635	623	615	608	609	614	623			
55	530	536	542	545	550	555	557	556	540	527	514	502	494	496	505	514			
60	411	417	424	427	427	435	440	437	421	408	394	377	366	370	383	393			
65	267	280	297	292	289	298	310	306	278	275	267	246	237	240	253	249			
70	138	148	164	161	162	166	176	168	148	146	140	128	117	122	126	129			
75	40.9	47.5	51.6	52.5	55.2	55.7	56.8	54.9	40.5	38.4	31.9	28.2	26.5	26.1	27.9	31.7			
80	9.37	10.6	11.5	12.0	11.4	12.6	13.0	12.3	10.5	10.2	9.34	8.45	7.43	7.98	8.44	8.87			
85	2.08	2.39	2.61	2.92	2.96	3.47	3.39	3.18	2.22	2.36	1.99	1.74	1.53	1.60	1.72	2.04			
90	0.35	0.37	0.10	0.09	0.09	0.09	0.11	0.35	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
95	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.15	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06			
100	0.21	0.21	0.20	0.19	0.19	0.19	0.20	0.20	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
105	0.24	0.24	0.24	0.24	0.23	0.23	0.24	0.24	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11			
110	0.28	0.27	0.28	0.28	0.27	0.27	0.27	0.27	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14			
115	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18			
120	0.39	0.38	0.39	0.39	0.39	0.39	0.38	0.38	0.22	0.21	0.22	0.23	0.23	0.22	0.22	0.22			
125	0.48	0.47	0.48	0.48	0.49	0.48	0.47	0.47	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.27			
130	0.60	0.61	0.60	0.61	0.62	0.61	0.60	0.59	0.35	0.35	0.34	0.35	0.34	0.36	0.35	0.36			
135	0.76	0.78	0.79	0.78	0.80	0.80	0.77	0.75	0.43	0.43	0.42	0.43	0.43	0.43	0.43	0.45			
140	0.97	1.00	1.04	1.04	1.05	1.04	1.01	0.97	0.51	0.49	0.52	0.51	0.51	0.51	0.52	0.53			
145	1.22	1.27	1.34	1.36	1.37	1.35	1.30	1.23	0.57	0.56	0.59	0.61	0.61	0.61	0.60	0.61			
150	1.42	1.51	1.58	1.60	1.59	1.60	1.54	1.47	0.65	0.63	0.66	0.67	0.67	0.68	0.67	0.70			
155	1.66	1.73	1.77	1.79	1.81	1.79	1.75	1.70	0.75	0.72	0.78	0.77	0.76	0.79	0.76	0.82			
160	1.80	1.83	1.87	1.93	1.90	1.92	1.88	1.81	0.88	0.86	0.86	0.85	0.85	0.84	0.85	0.91			
165	1.79	1.81	1.86	1.87	1.89	1.87	1.87	1.78	0.97	0.96	0.92	0.93	0.91	0.91	0.92	0.99			
170	1.68	1.69	1.72	1.72	1.72	1.71	1.71	1.68	1.05	1.04	1.00	0.98	0.95	0.96	0.99	1.05			
175	1.64	1.62	1.61	1.55	1.53	1.56	1.59	1.60	1.23	1.23	1.19	1.13	1.12	1.08	1.16	1.21			
180	1.41	1.40	1.37	1.33	1.31	1.35	1.40	1.41	1.42	1.43	1.41	1.38	1.33	1.32	1.35	1.42			

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