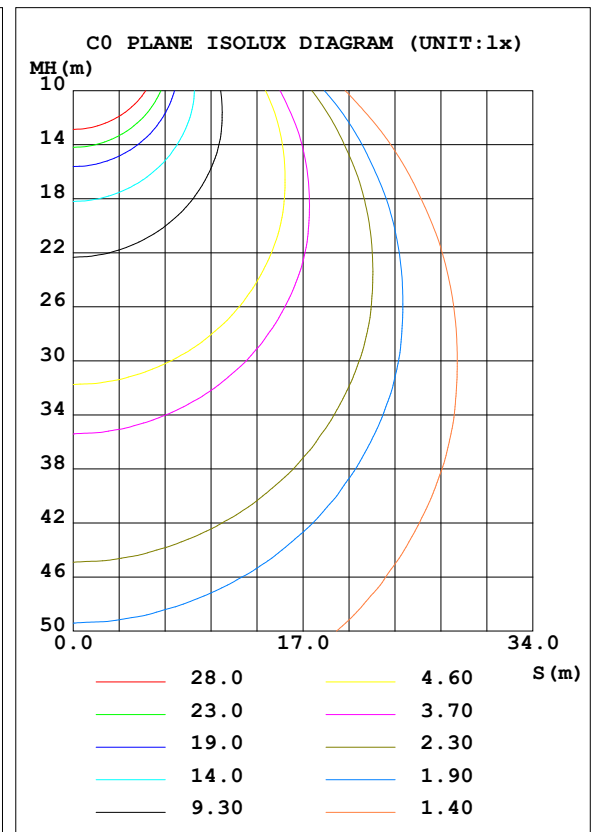
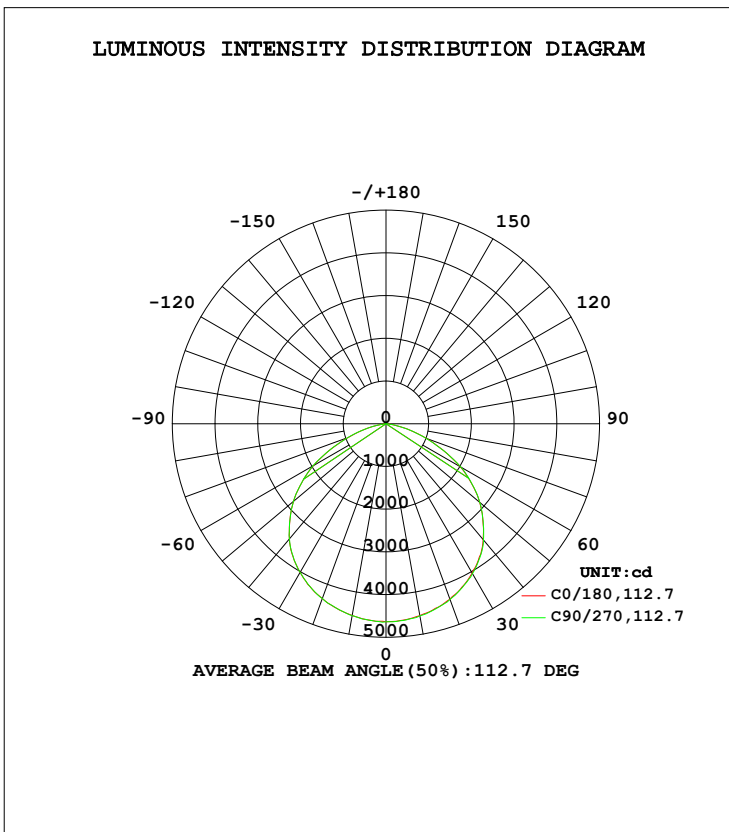


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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: 211.48 lm/W			
MODEL	ERS-UFO-60C-A1	I _{max} (cd)	4645	S/MH (C0/180)	1.29
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	12795	η UP, DN (C0-180)	0.1,49.7
NOMINAL FLUX (lm)	12794.8	CIE CLASS	DIRECT	η. UP, DN (C180-360)	0.0,50.2
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



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 24.9DEG
 Operators: East
 Test Date: 2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [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	4558	4555	4560	4561	4562	4568	4566	4565	0- 10	438.9	438.9	3.43,3.43
20	4356	4354	4355	4365	4370	4377	4377	4366	10- 20	1265	1704	13.3,13.3
30	4020	4013	4021	4033	4037	4053	4052	4035	20- 30	1945	3649	28.5,28.5
40	3520	3506	3517	3536	3541	3560	3554	3532	30- 40	2382	6030	47.1,47.1
50	2827	2814	2828	2856	2864	2877	2868	2841	40- 50	2467	8498	66.4,66.4
60	1967	1959	1974	2005	2009	2022	2015	1974	50- 60	2173	10670	83.4,83.4
70	944.2	934.8	949.8	991.1	1005	1022	1002	967.2	60- 70	1452	12123	94.7,94.7
80	184.1	170.4	185.3	216.1	228.0	234.0	213.4	195.6	70- 80	598.0	12721	99.4,99.4
90	2.734	1.290	2.741	3.160	2.708	2.706	2.394	1.817	80- 90	59.94	12781	99.9,99.9
100	1.129	1.150	1.136	1.104	0.4702	0.4699	0.4742	0.4832	90-100	0.8195	12782	99.9,99.9
110	1.399	1.424	1.444	1.392	0.7690	0.7730	0.7739	0.7922	100-110	1.005	12783	99.9,99.9
120	1.860	1.852	1.858	1.813	1.204	1.147	1.185	1.166	110-120	1.270	12784	99.9,99.9
130	2.730	2.747	2.818	2.751	1.747	1.652	1.641	1.664	120-130	1.636	12785	99.9,99.9
140	4.285	4.515	4.613	4.464	2.396	2.323	2.270	2.339	130-140	2.132	12788	99.9,99.9
150	6.107	6.778	6.856	6.584	2.878	2.895	2.949	2.932	140-150	2.572	12790	100,100
160	7.722	7.940	7.936	7.928	3.747	3.725	3.599	3.573	150-160	2.454	12793	100,100
170	7.139	7.046	7.083	7.018	4.388	4.076	3.986	4.106	160-170	1.640	12794	100,100
180	6.070	5.589	5.315	5.701	6.090	5.785	5.366	5.489	170-180	0.5334	12795	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7275.9 lm

%lum = 56.9%
%lamp = 56.9%

Conical surface Flux(120deg): 10670 lm

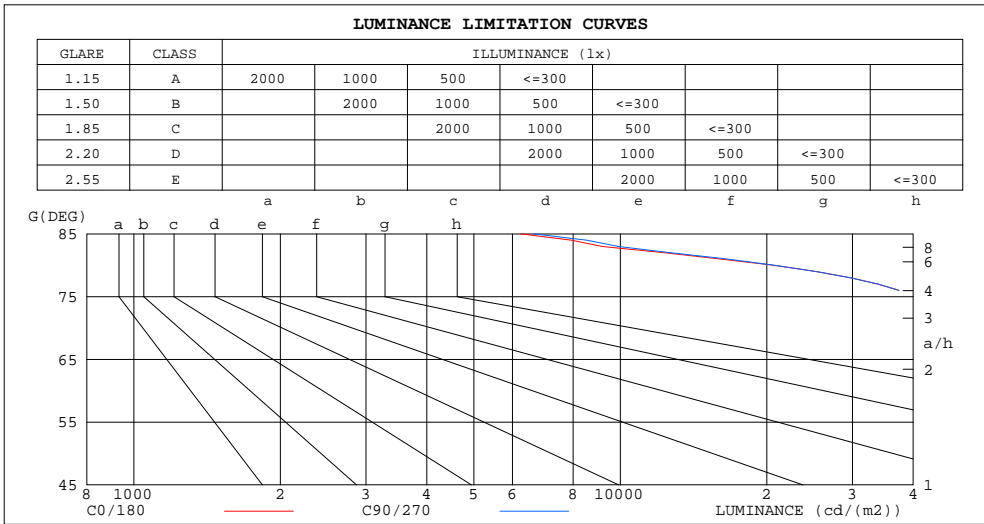
%lum = 83.4%
%lamp = 83.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.9DEG
Operators:East
Test Date:2020-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.492m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6241	6633
80	20623	20718
75	40402	40483
70	53712	53924
65	66447	66813
60	76520	76649
55	81675	81667
50	85563	85442
45	87574	87345

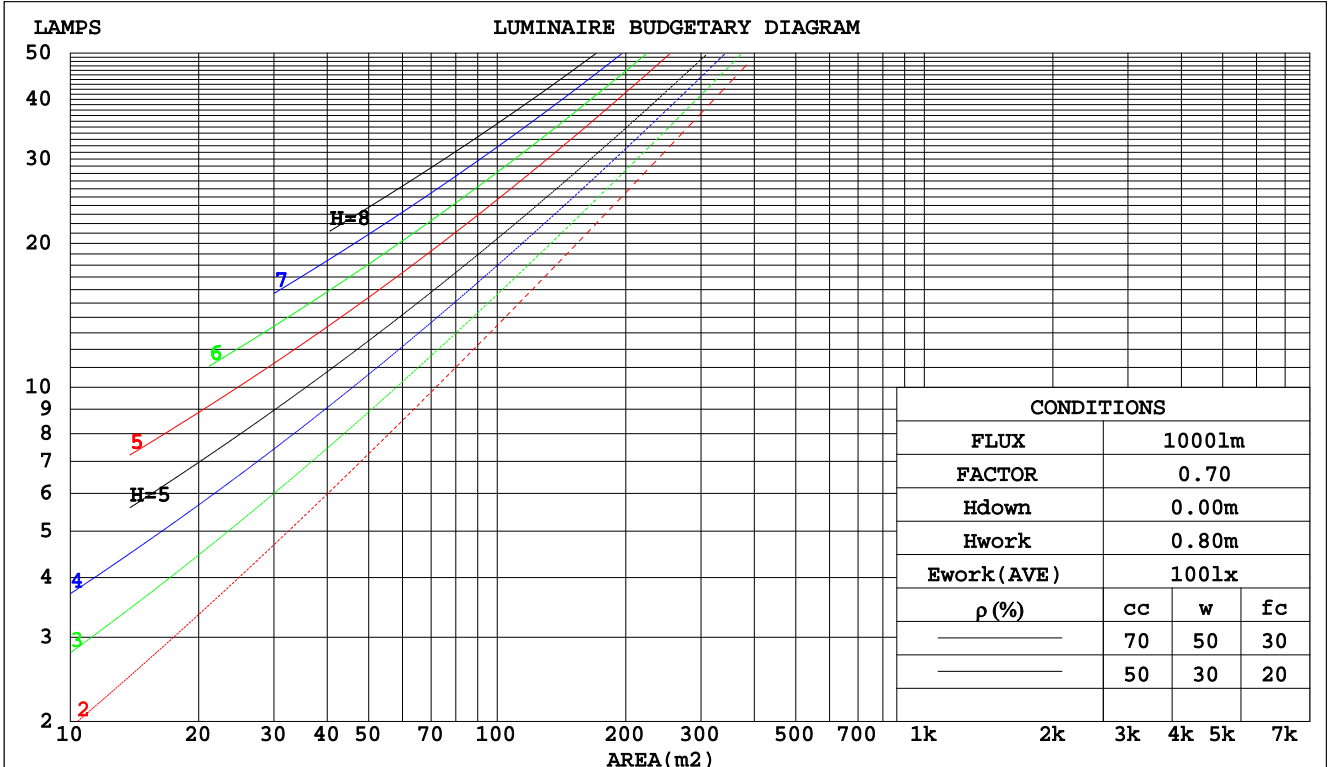
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.92	.86	.81	.90	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.66	.74	.69	.64	.72	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.42	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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

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	.282	.160	.051	.275	.157	.050	.262	.150	.048	.249	.144	.046	.238	.138	.045	
2.0	.273	.150	.046	.267	.147	.045	.255	.142	.044	.245	.137	.043	.235	.133	.042	
3.0	.257	.137	.041	.252	.135	.041	.241	.131	.040	.232	.127	.039	.223	.123	.038	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.217	.117	.035	.210	.114	.035	
5.0	.223	.114	.033	.219	.112	.033	.211	.110	.032	.203	.107	.032	.196	.105	.032	
6.0	.208	.104	.030	.205	.103	.030	.197	.101	.029	.191	.099	.029	.184	.097	.029	
7.0	.195	.096	.027	.191	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.161	.077	.021	.159	.077	.021	.154	.076	.021	.150	.074	.021	.146	.073	.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	.179	.157	.137	.153	.135	.118	.105	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.171	.133	.101	.146	.114	.087	.100	.079	.061	.058	.046	.036	.019	.015	.012	
3.0	.163	.115	.077	.140	.099	.067	.096	.069	.047	.055	.040	.028	.018	.013	.009	
4.0	.155	.102	.061	.133	.088	.053	.092	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.148	.091	.049	.127	.079	.043	.088	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.141	.083	.041	.121	.072	.035	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.035	.116	.066	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.111	.061	.026	.077	.043	.019	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.073	.040	.016	.043	.023	.010	.014	.008	.003	
10.0	.117	.061	.024	.101	.053	.021	.070	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm										
NAME: highbay					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	28.2	29.7	28.4	29.9	30.1	28.2	29.7	28.4	29.9	30.1
3H	29.2	30.5	29.5	30.8	31.0	29.2	30.5	29.5	30.8	31.0
4H	29.4	30.7	29.7	31.0	31.2	29.4	30.7	29.8	31.0	31.2
6H	29.5	30.7	29.8	31.0	31.2	29.5	30.7	29.8	31.0	31.3
8H	29.4	30.6	29.8	30.9	31.2	29.5	30.6	29.8	30.9	31.2
12H	29.4	30.5	29.7	30.8	31.1	29.4	30.5	29.8	30.8	31.1
4H 2H	28.7	29.9	29.0	30.2	30.5	28.7	29.9	29.0	30.2	30.5
3H	29.8	30.9	30.1	31.2	31.5	29.8	30.9	30.1	31.2	31.5
4H	30.1	31.1	30.5	31.4	31.8	30.1	31.1	30.5	31.5	31.8
6H	30.2	31.1	30.6	31.5	31.8	30.2	31.1	30.6	31.5	31.8
8H	30.2	31.0	30.6	31.4	31.8	30.2	31.0	30.6	31.4	31.8
12H	30.1	30.9	30.6	31.3	31.7	30.2	30.9	30.6	31.3	31.7
8H 4H	30.2	31.0	30.6	31.4	31.8	30.2	31.0	30.6	31.4	31.8
6H	30.3	31.0	30.7	31.4	31.8	30.3	31.0	30.8	31.4	31.8
8H	30.3	30.9	30.8	31.3	31.8	30.3	30.9	30.8	31.3	31.8
12H	30.3	30.8	30.7	31.2	31.7	30.3	30.8	30.8	31.2	31.7
12H 4H	30.1	30.9	30.6	31.3	31.7	30.2	30.9	30.6	31.3	31.7
6H	30.3	30.9	30.7	31.3	31.8	30.3	30.9	30.8	31.3	31.8
8H	30.3	30.8	30.7	31.2	31.7	30.3	30.8	30.8	31.3	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.5 / - 0.5					+ 0.4 / - 0.5				

CIE Pub.117 Corrected 12795 lm Total Lamp Luminous Flux. (8log(F/F0) = 8.9)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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

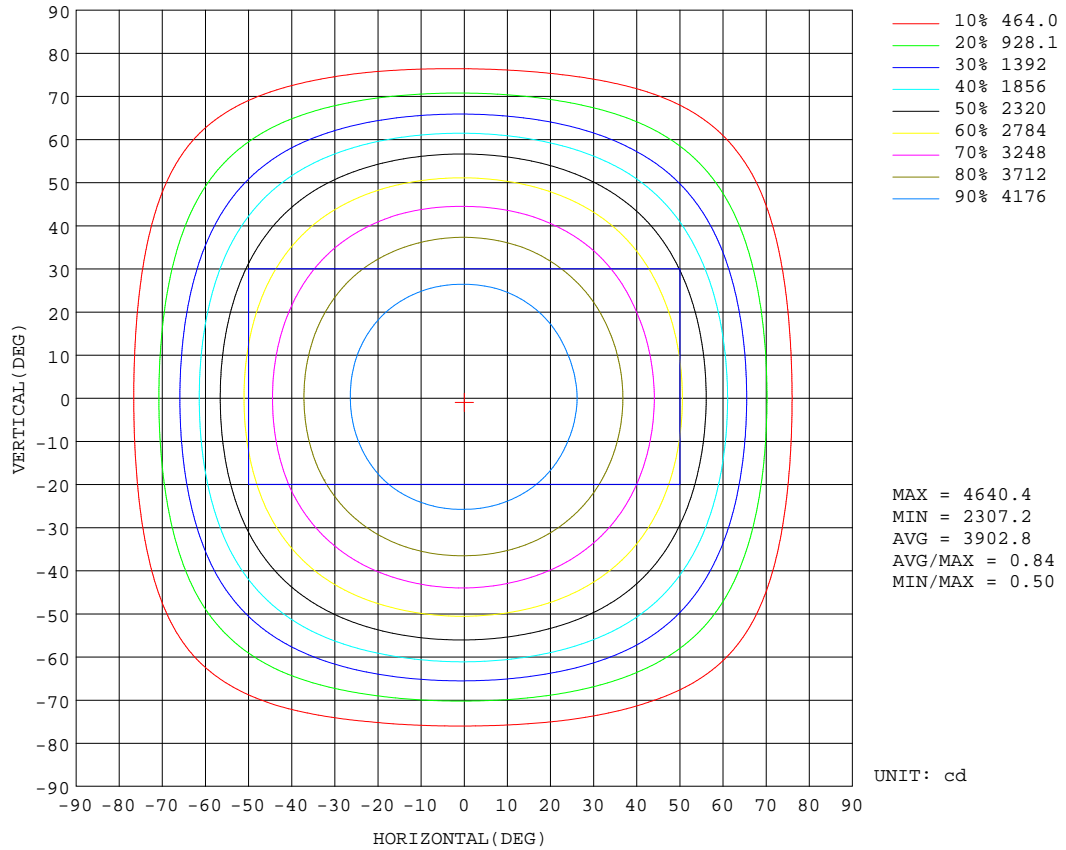
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	40	58	47	40	57	46	40	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	78	67	60	77	66	60	74	68	59	52
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	81	74	88	80	73	85	78	72	65
2.00	97	89	83	95	88	82	91	85	80	73
2.50	100	93	88	98	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	107	102	98	105	100	97	101	97	94	85
5.00	110	105	102	107	103	100	103	100	97	88
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: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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

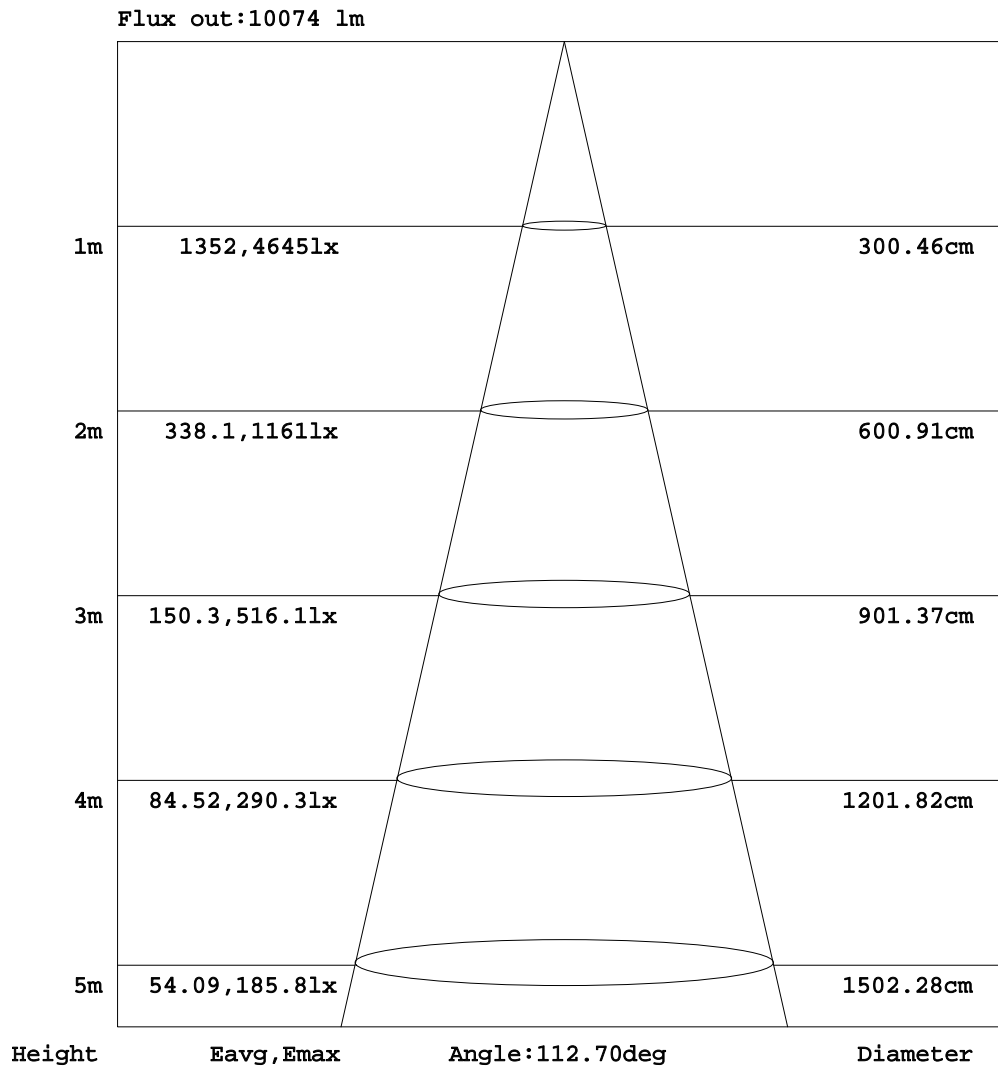


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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



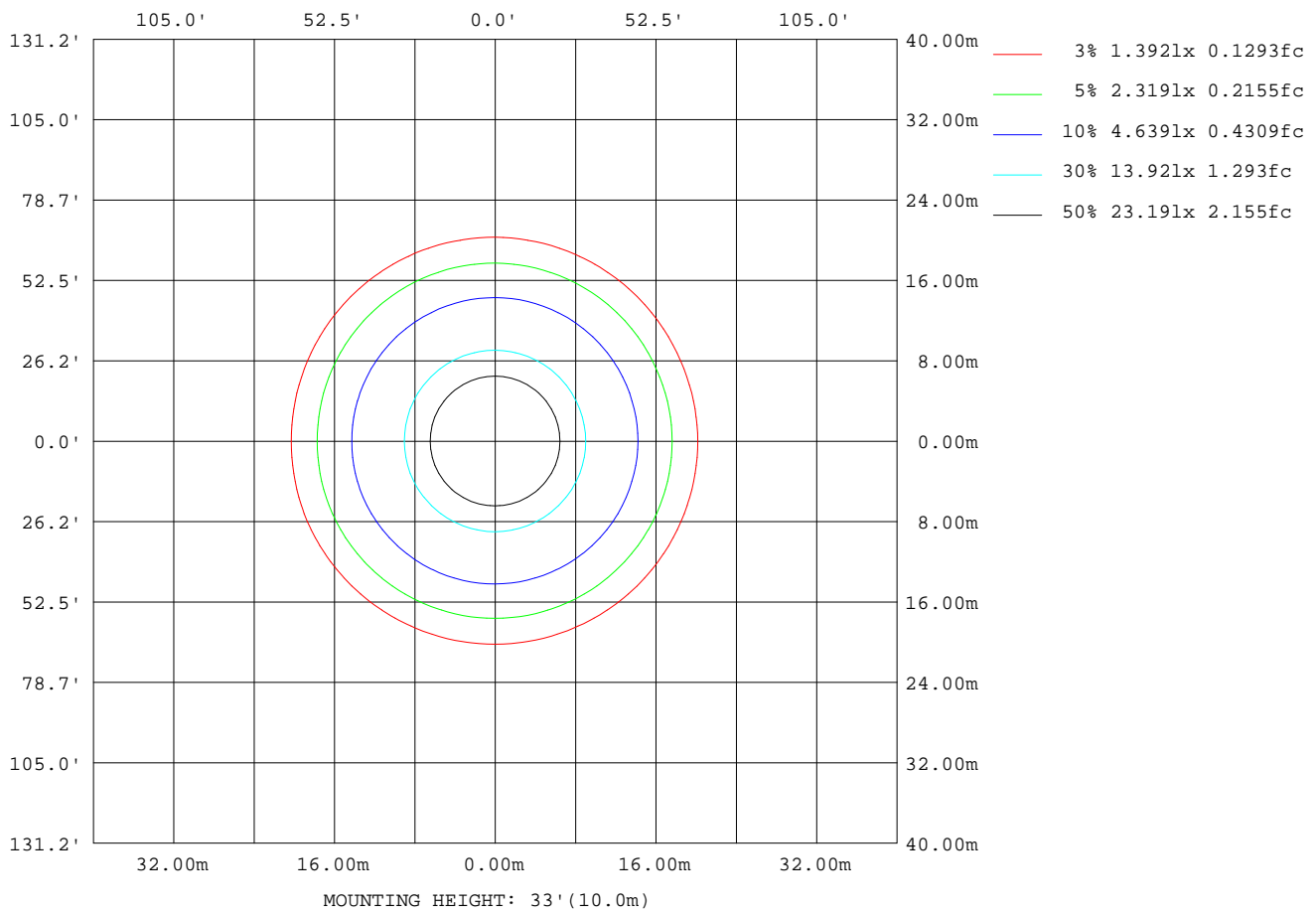
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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

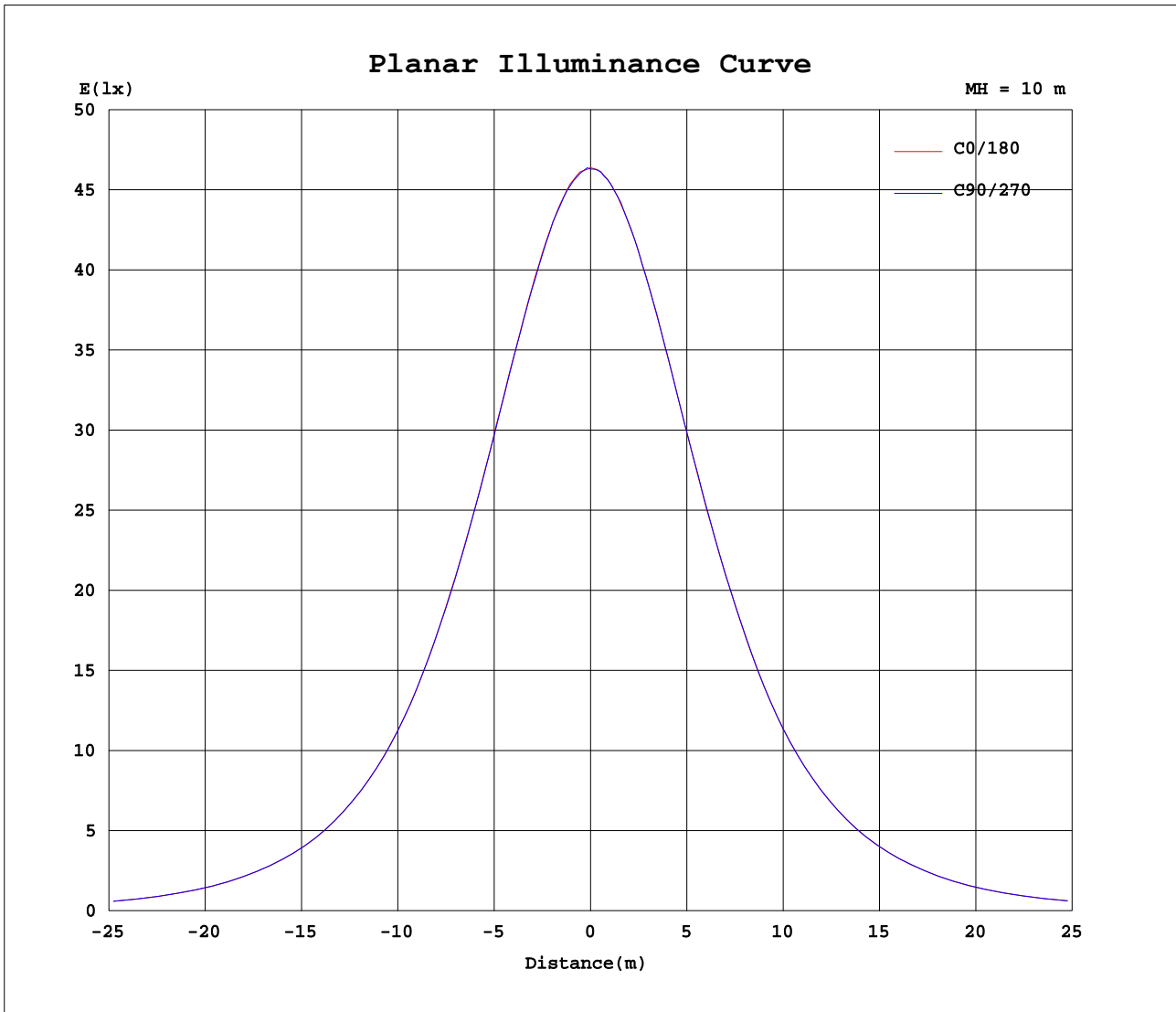
AvgL	cd/m2
L_0~180 (65) av	67324
L_0~180 (75) av	42082
L_0~180 (85) av	6689
L_90~270 (65) av	67604
L_90~270 (75) av	41774
L_90~270 (85) av	6634
L_45 (65) av	67453
L_45 (75) av	42180
L_45 (85) av	6109

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 24.9DEG
 Operators: East
 Test Date: 2020-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.2807A P:60.50W PF:0.9370 Lamp Flux:12794.8x1 lm		
NAME: highbay	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: 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	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634	4634			
5	4612	4604	4612	4612	4615	4632	4619	4634	4616	4607	4617	4617	4622	4633	4607	4628			
10	4558	4560	4555	4556	4560	4563	4561	4569	4562	4570	4568	4567	4566	4567	4565	4563			
15	4471	4465	4469	4469	4473	4492	4477	4495	4474	4476	4483	4486	4486	4500	4482	4486			
20	4356	4357	4354	4354	4355	4360	4365	4376	4370	4373	4377	4375	4377	4374	4366	4366			
25	4209	4197	4200	4204	4209	4226	4220	4235	4217	4222	4229	4234	4230	4238	4216	4223			
30	4020	4018	4013	4009	4021	4028	4033	4047	4037	4049	4053	4048	4052	4045	4035	4026			
35	3797	3784	3787	3786	3792	3812	3813	3830	3811	3821	3833	3835	3828	3830	3810	3806			
40	3520	3513	3506	3506	3517	3525	3536	3554	3541	3552	3560	3560	3554	3545	3532	3520			
45	3183	3169	3166	3173	3181	3199	3205	3230	3208	3210	3227	3230	3216	3217	3194	3183			
50	2827	2818	2814	2819	2828	2837	2856	2874	2864	2873	2877	2880	2868	2859	2841	2826			
55	2408	2397	2400	2397	2412	2429	2440	2466	2448	2452	2468	2463	2458	2445	2422	2416			
60	1967	1961	1959	1962	1974	1980	2005	2018	2009	2017	2022	2025	2015	1993	1974	1955			
65	1443	1430	1446	1444	1454	1465	1477	1503	1484	1489	1501	1497	1486	1469	1442	1438			
70	944	937	935	945	950	964	991	1008	1005	1013	1022	1016	1002	982	967	953			
75	537	532	522	538	540	547	575	589	583	597	595	594	573	562	555	534			
80	184	179	170	178	185	193	216	230	228	236	234	229	213	204	196	191			
85	28.0	26.7	18.5	27.6	29.8	33.0	33.8	40.5	32.0	32.4	32.8	31.4	29.7	27.8	24.4	20.6			
90	2.73	1.38	1.29	1.34	2.74	3.10	3.16	3.59	2.71	2.78	2.71	2.56	2.39	2.12	1.82	1.47			
95	0.91	0.91	0.92	0.91	0.91	0.89	0.88	0.87	0.35	0.34	0.34	0.34	0.35	0.35	0.36	0.36			
100	1.13	1.14	1.15	1.15	1.14	1.12	1.10	1.09	0.47	0.47	0.47	0.47	0.47	0.48	0.48	0.49			
105	1.28	1.30	1.31	1.31	1.30	1.28	1.26	1.23	0.61	0.61	0.61	0.62	0.61	0.63	0.63	0.63			
110	1.40	1.41	1.42	1.46	1.44	1.42	1.39	1.35	0.77	0.76	0.77	0.77	0.77	0.80	0.79	0.81			
115	1.57	1.57	1.58	1.61	1.61	1.58	1.56	1.54	0.96	0.94	0.95	0.95	0.98	0.99	0.97	0.99			
120	1.86	1.84	1.85	1.87	1.86	1.83	1.81	1.80	1.20	1.14	1.15	1.16	1.18	1.20	1.17	1.19			
125	2.22	2.22	2.23	2.27	2.25	2.22	2.19	2.17	1.46	1.39	1.39	1.39	1.41	1.39	1.43	1.43			
130	2.73	2.79	2.75	2.84	2.82	2.78	2.75	2.71	1.75	1.70	1.65	1.64	1.64	1.70	1.66	1.72			
135	3.39	3.48	3.46	3.54	3.60	3.55	3.46	3.39	2.10	2.04	1.95	1.99	1.99	2.03	1.99	2.08			
140	4.28	4.40	4.52	4.51	4.61	4.60	4.46	4.26	2.40	2.26	2.32	2.31	2.27	2.28	2.34	2.39			
145	5.29	5.51	5.80	5.83	5.89	5.87	5.62	5.32	2.61	2.48	2.62	2.73	2.70	2.69	2.66	2.71			
150	6.11	6.54	6.78	6.90	6.86	6.85	6.58	6.23	2.88	2.81	2.90	2.93	2.95	2.96	2.93	3.05			
155	7.09	7.47	7.51	7.61	7.65	7.61	7.39	7.07	3.26	3.10	3.31	3.30	3.28	3.36	3.29	3.56			
160	7.72	7.86	7.94	8.11	7.94	8.07	7.93	7.46	3.75	3.62	3.73	3.56	3.60	3.59	3.57	3.95			
165	7.67	7.69	7.70	7.83	7.88	7.82	7.70	7.39	4.07	3.99	3.85	3.84	3.77	3.77	3.82	4.28			
170	7.14	7.06	7.05	7.06	7.08	7.00	7.02	6.92	4.39	4.34	4.08	4.03	3.99	4.00	4.11	4.47			
175	6.87	6.72	6.63	6.41	6.23	6.40	6.50	6.63	5.02	4.99	4.80	4.57	4.56	4.36	4.62	4.97			
180	6.07	5.74	5.59	5.33	5.32	5.48	5.70	5.88	6.09	6.06	5.79	5.62	5.37	5.40	5.49	5.76			

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