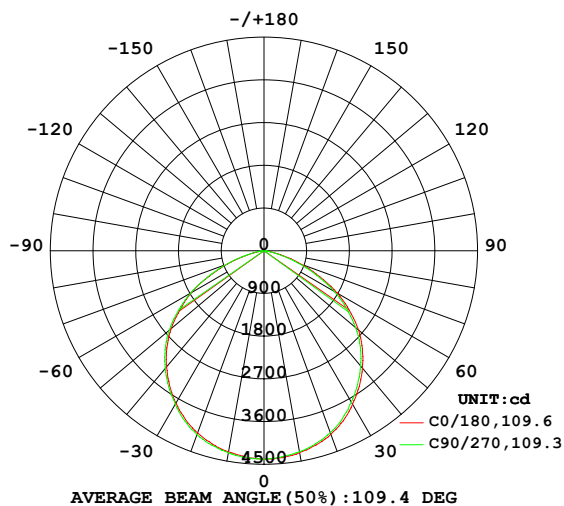


LUMINAIRE PHOTOMETRIC TEST REPORT

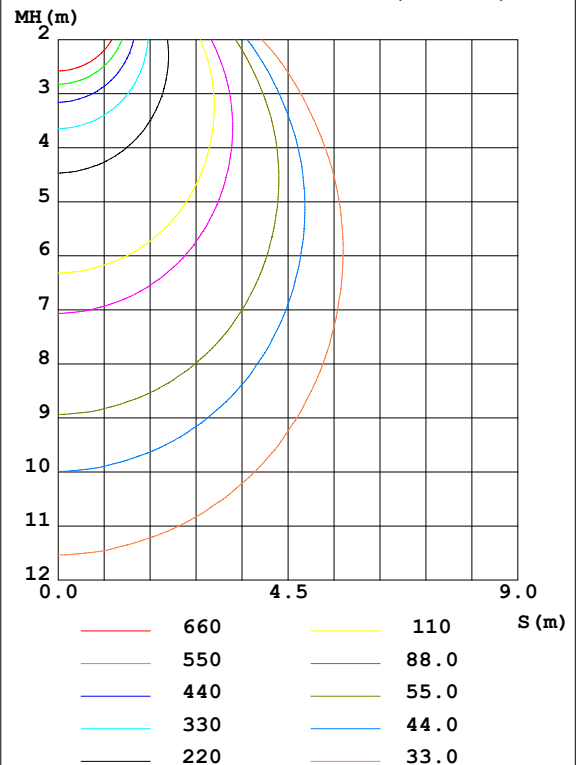
Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED HIGHBAY	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.98 lm/W			
MODEL	ERS-UFO-75D-A1	I _{max} (cd)	4395	S/MH (C0/180)	1.26
NOMINAL POWER (W)	75	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	11582	η UP, DN (C0-180)	0.1, 50.4
NOMINAL FLUX (lm)	11582	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240	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: 24.8DEG
 Operators: Ben
 Test Date: 2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

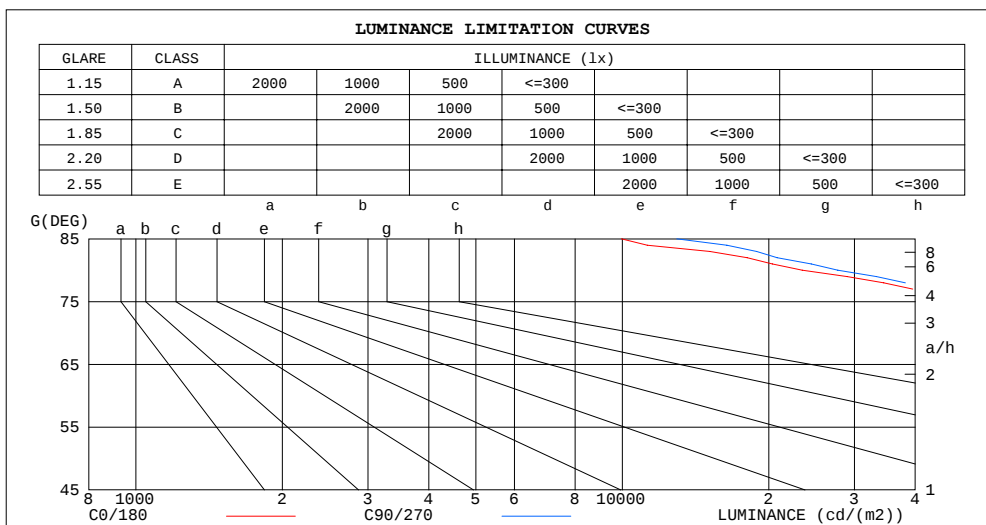
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4304	4314	4324	4332	4320	4314	4300	4295	0- 10	415.2	415.2	3.58, 3.58
20	4087	4105	4125	4135	4117	4101	4085	4072	10- 20	1193	1608	13.9, 13.9
30	3708	3712	3739	3751	3735	3704	3682	3677	20- 30	1811	3419	29.5, 29.5
40	3196	3227	3239	3253	3226	3199	3170	3172	30- 40	2172	5591	48.3, 48.3
50	2553	2586	2609	2628	2603	2560	2523	2521	40- 50	2245	7836	67.7, 67.7
60	1770	1778	1789	1791	1775	1730	1706	1725	50- 60	1944	9780	84.4, 84.4
70	817.6	827.0	841.9	868.5	848.9	806.0	769.7	786.7	60- 70	1274	11054	95.4, 95.4
80	127.8	137.4	151.3	164.7	147.3	136.8	123.3	120.0	70- 80	464.6	11519	99.5, 99.5
90	1.613	4.232	4.721	4.588	1.910	0.9732	0.5443	0.6884	80- 90	48.31	11567	99.9, 99.9
100	0.9907	0.9641	0.9424	0.9477	0.3974	0.4045	0.4107	0.4150	90-100	0.6808	11568	99.9, 99.9
110	1.334	1.307	1.287	1.291	0.7254	0.7365	0.7512	0.7544	100-110	0.8975	11569	99.9, 99.9
120	1.819	1.794	1.770	1.771	1.219	1.231	1.251	1.263	110-120	1.234	11570	99.9, 99.9
130	2.851	2.827	2.799	2.793	1.864	1.877	1.890	1.904	120-130	1.693	11572	99.9, 99.9
140	4.750	4.730	4.696	4.694	2.553	2.572	2.586	2.584	130-140	2.272	11574	99.9, 99.9
150	7.260	7.244	7.209	7.211	3.234	3.260	3.254	3.262	140-150	2.795	11577	100, 100
160	8.977	8.953	8.929	8.938	4.130	4.146	4.190	4.130	150-160	2.740	11579	100, 100
170	8.238	8.231	8.233	8.172	4.830	4.835	4.879	4.825	160-170	1.878	11581	100, 100
180	6.812	6.776	6.809	6.745	6.835	6.823	6.813	6.805	170-180	0.6263	11582	100, 100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 6.8 %									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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	9959	12939
80	23441	27741
75	50117	53222
70	76127	78384
65	96049	97869
60	112735	113930
55	120006	122538
50	126479	129243
45	130323	132707

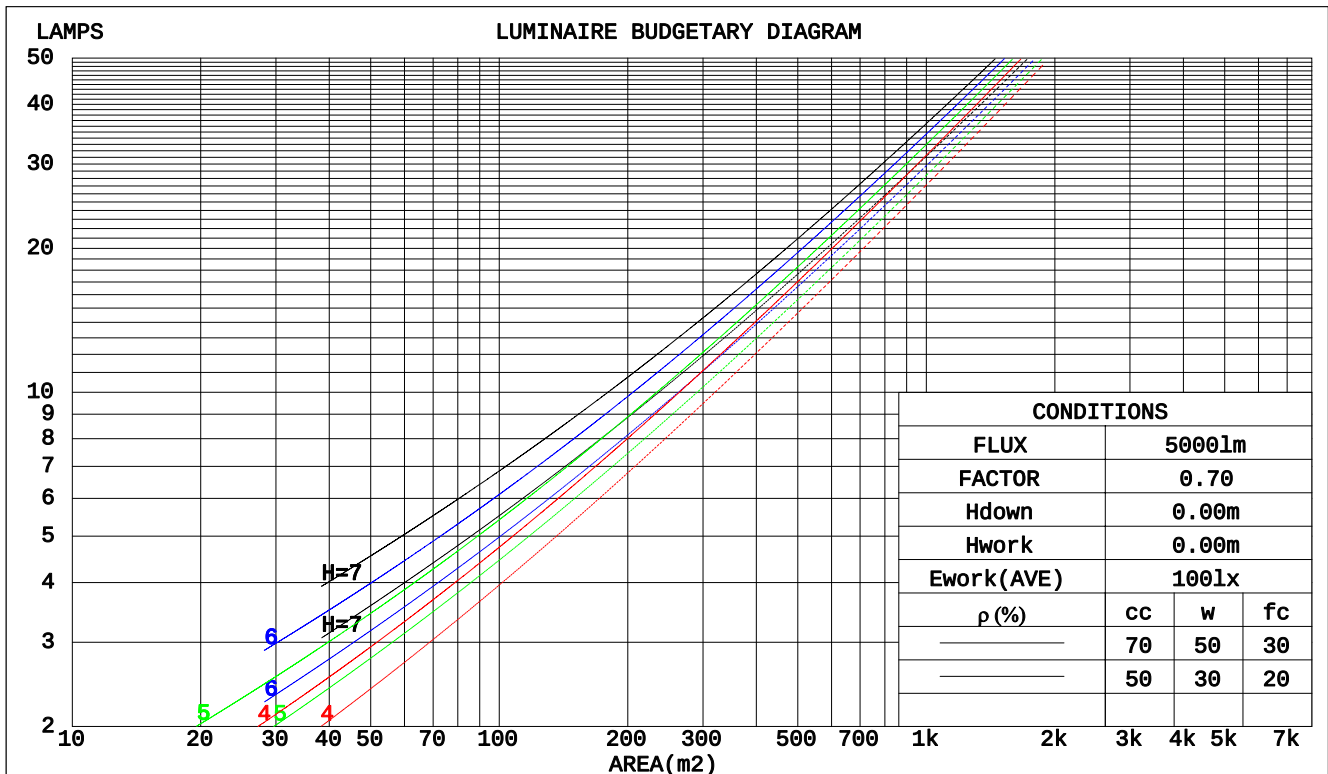
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Ben
Test Date:2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-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:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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

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						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	1.06	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.87	.83	.78	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.75	.69	.65	.72	.68	.64	.62
4.0	.73	.64	.58	.72	.64	.58	.69	.62	.57	.67	.61	.56	.65	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.55	.49	.60	.54	.49	.58	.53	.48	.46
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.39	.51	.44	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm								
NAME: LED 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	

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	.276	.157	.050	.269	.154	.049	.256	.147	.047	.244	.141	.045	.233	.135	.044	
2.0	.268	.147	.045	.262	.144	.045	.251	.139	.043	.240	.135	.042	.230	.130	.041	
3.0	.253	.135	.040	.248	.133	.040	.238	.129	.039	.228	.125	.038	.219	.121	.038	
4.0	.237	.123	.036	.232	.121	.036	.223	.118	.035	.214	.115	.035	.207	.112	.034	
5.0	.221	.113	.033	.217	.111	.032	.209	.109	.032	.201	.106	.032	.194	.104	.031	
6.0	.206	.103	.030	.202	.102	.029	.195	.100	.029	.189	.098	.029	.182	.096	.028	
7.0	.193	.095	.027	.190	.094	.027	.183	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.178	.088	.025	.172	.086	.025	.167	.084	.024	.162	.083	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.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	.021	.021	.021	
1.0	.179	.157	.138	.153	.135	.119	.105	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.170	.133	.102	.146	.114	.088	.100	.079	.061	.058	.046	.036	.018	.015	.012	
3.0	.162	.115	.078	.139	.099	.067	.095	.069	.047	.055	.040	.028	.018	.013	.009	
4.0	.155	.102	.061	.133	.088	.053	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.148	.091	.050	.127	.079	.043	.087	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.141	.083	.041	.121	.072	.036	.083	.050	.025	.048	.030	.015	.016	.010	.005	
7.0	.134	.076	.035	.115	.066	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.110	.061	.026	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.027	.105	.057	.023	.073	.040	.017	.042	.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: HIGH
Temperature:24.8DEG
Operators:Ben
Test Date:2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-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:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm											
NAME: LED 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		29.6	31.0	29.9	31.2	31.5	29.6	31.1	29.9	31.3	31.5
3H		30.5	31.9	30.8	32.1	32.4	30.6	31.9	30.9	32.2	32.4
4H		30.7	32.0	31.0	32.3	32.5	30.8	32.1	31.1	32.3	32.6
6H		30.7	31.9	31.1	32.2	32.5	30.8	32.0	31.1	32.3	32.5
8H		30.7	31.8	31.0	32.1	32.4	30.8	31.9	31.1	32.2	32.5
12H		30.6	31.7	31.0	32.0	32.3	30.7	31.8	31.1	32.1	32.4
4H	2H	30.1	31.3	30.4	31.6	31.8	30.1	31.3	30.4	31.6	31.9
	3H	31.1	32.2	31.5	32.5	32.8	31.2	32.3	31.5	32.6	32.9
	4H	31.4	32.4	31.8	32.7	33.0	31.4	32.4	31.8	32.7	33.1
	6H	31.4	32.3	31.8	32.7	33.0	31.5	32.3	31.9	32.7	33.1
	8H	31.4	32.2	31.8	32.6	33.0	31.4	32.3	31.9	32.6	33.0
	12H	31.4	32.1	31.8	32.5	32.9	31.4	32.2	31.8	32.5	32.9
8H	4H	31.4	32.2	31.8	32.6	33.0	31.4	32.3	31.9	32.6	33.0
	6H	31.5	32.2	31.9	32.6	33.0	31.5	32.2	32.0	32.6	33.0
	8H	31.5	32.1	31.9	32.5	32.9	31.5	32.1	32.0	32.5	33.0
	12H	31.5	32.0	31.9	32.4	32.9	31.5	32.0	32.0	32.5	32.9
12H	4H	31.4	32.1	31.8	32.5	32.9	31.4	32.2	31.8	32.5	33.0
	6H	31.5	32.1	31.9	32.5	32.9	31.5	32.1	32.0	32.5	33.0
	8H	31.5	32.0	31.9	32.4	32.9	31.5	32.0	32.0	32.5	32.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.3				
1.5H		+ 0.3 / - 0.6					+ 0.3 / - 0.5				
2.0H		+ 0.4 / - 0.5					+ 0.5 / - 0.5				

CIE Pub.117 Corrected 11582 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:Ben
Test Date:2020-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.490m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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

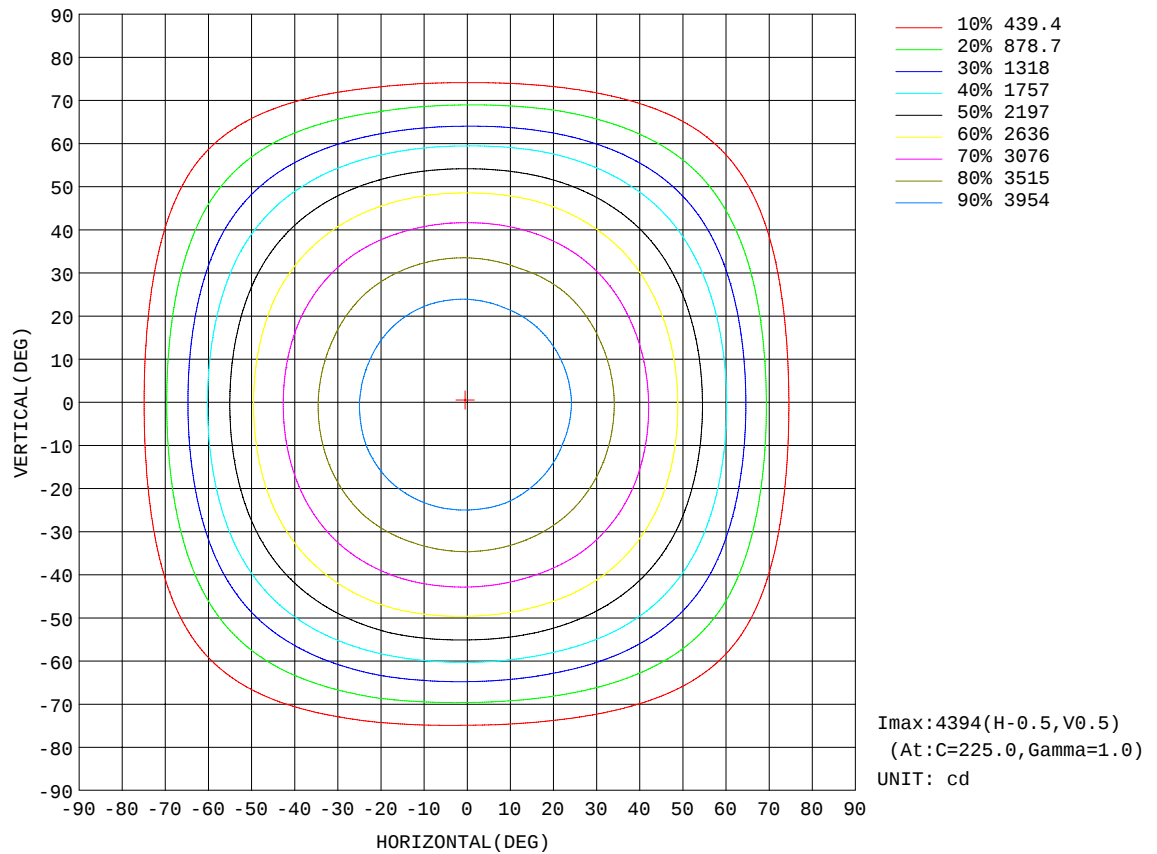
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	68	61	77	67	61	75	69	60	53
1.25	86	76	69	84	75	69	82	74	68	61
1.50	90	81	75	89	80	74	86	79	73	66
2.00	97	89	83	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	85	77
3.00	104	98	93	102	96	92	98	93	90	81
4.00	108	103	98	105	101	97	101	97	94	86
5.00	110	106	102	107	104	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: HIGH
Temperature:24.8DEG
Operators:Ben
Test Date:2020-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.490m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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



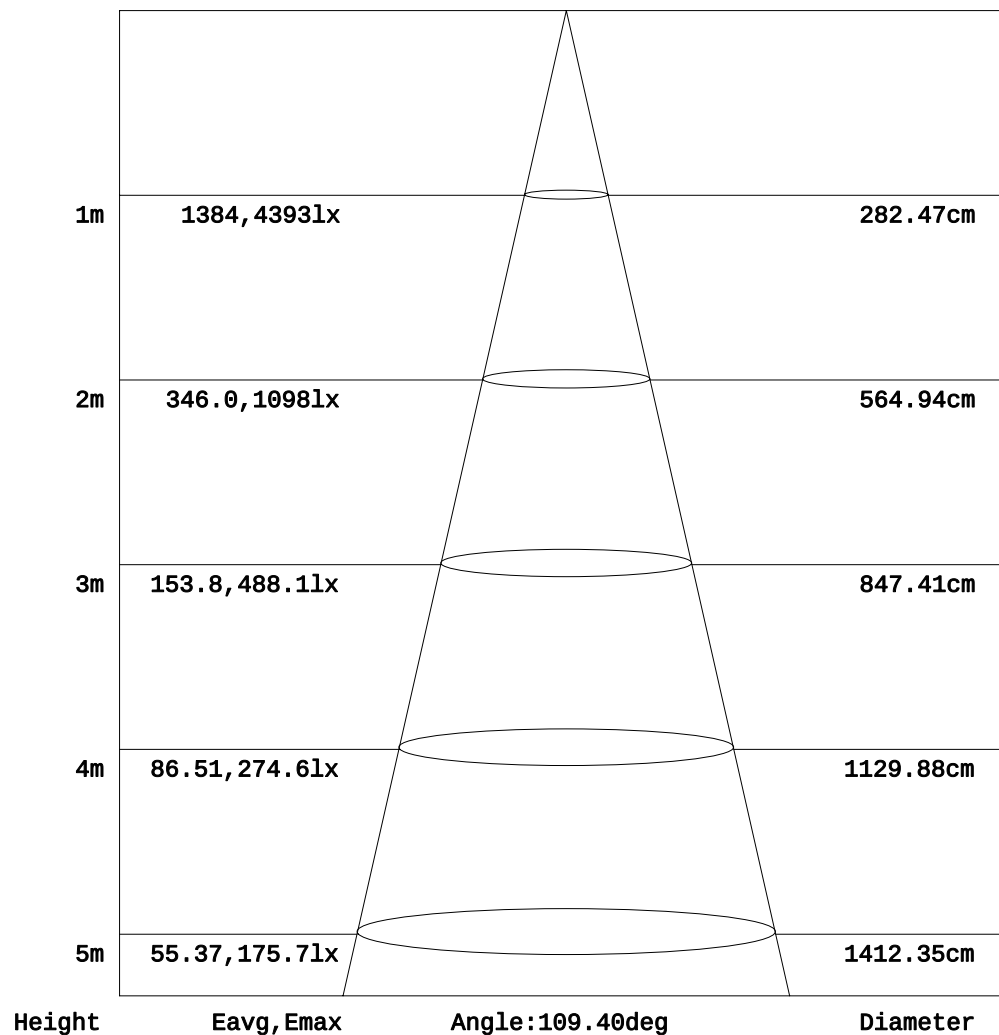
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.8DEG
Operators: Ben
Test Date: 2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 35%
Test Distance: 2.490m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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

Flux out:8869 lm



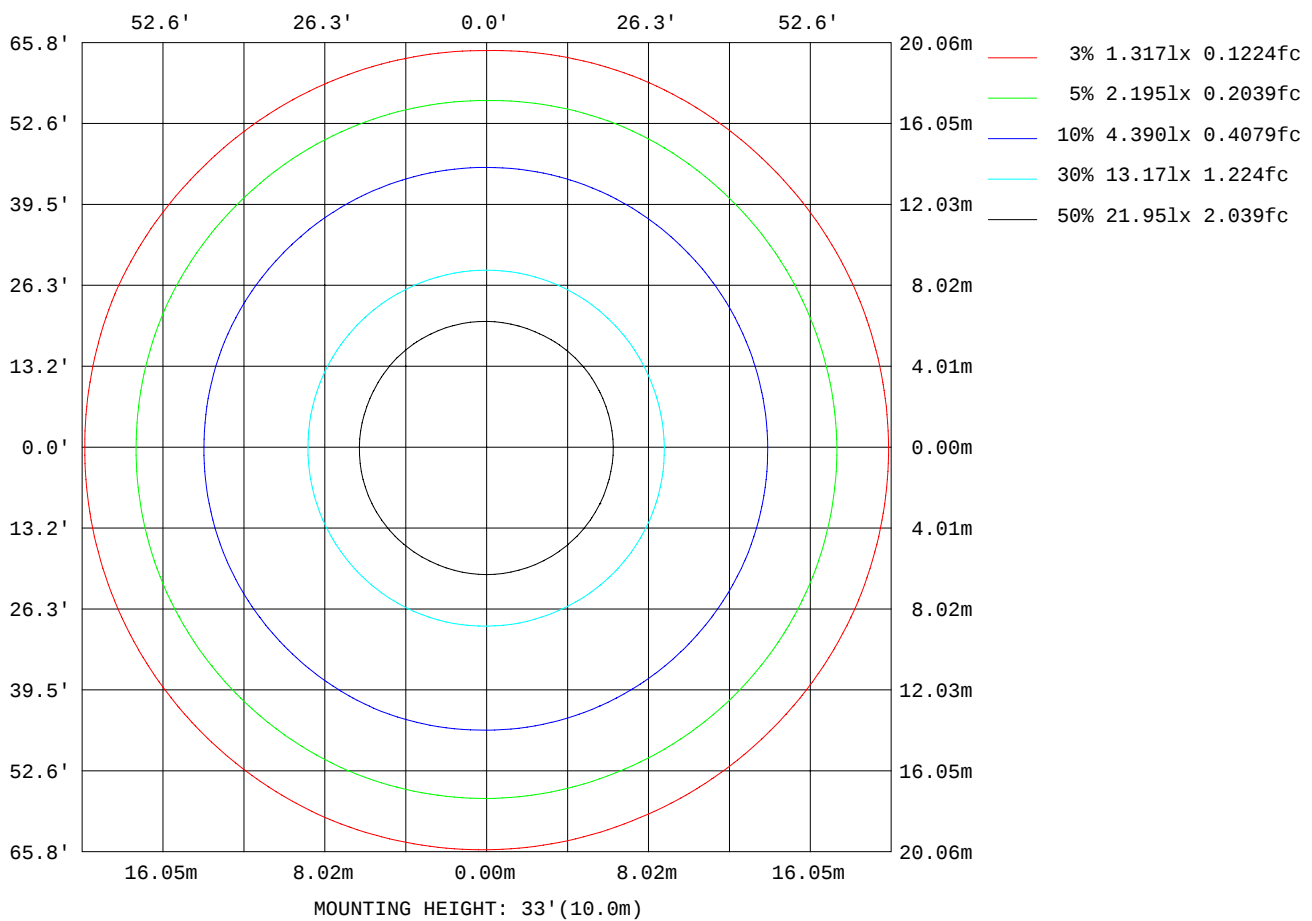
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:240.1V I:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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: HIGH
Temperature: 24.8DEG
Operators: Ben
Test Date: 2020-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-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:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm		
NAME: LED 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

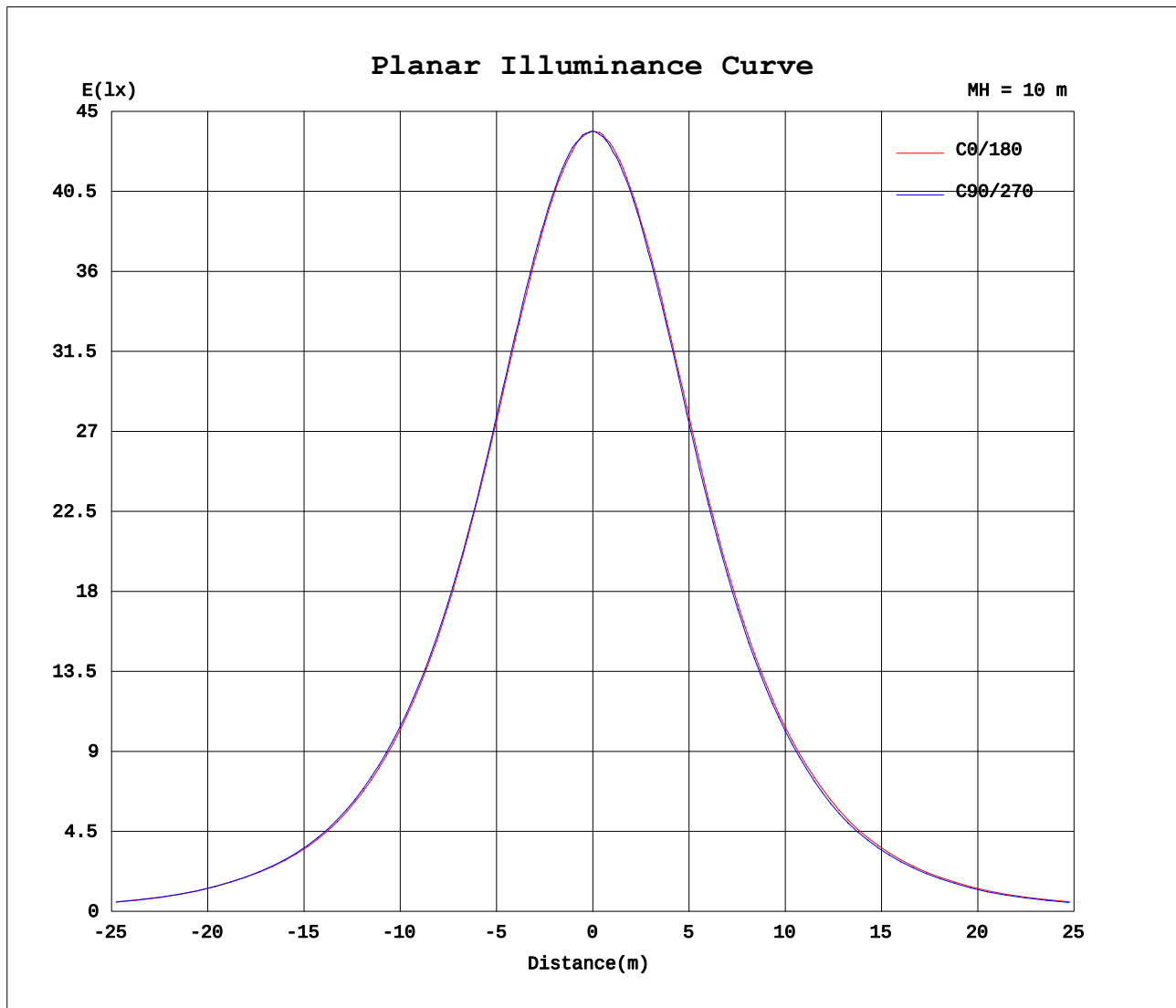
AvgL	cd/m2
L_0~180 (65) av	96821
L_0~180 (75) av	51649
L_0~180 (85) av	10726
L_90~270 (65) av	95229
L_90~270 (75) av	49943
L_90~270 (85) av	11620
L_45 (65) av	95955
L_45 (75) av	51506
L_45 (85) av	11113

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-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: 2020-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-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:0.3286A P:73.78W PF:0.9352 Lamp Flux:11582x1 lm																	
NAME: LED 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	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391	4391			
5	4365	4362	4366	4376	4373	4380	4379	4372	4376	4369	4369	4366	4359	4357	4359	4355			
10	4304	4306	4314	4321	4324	4328	4332	4327	4320	4315	4314	4311	4300	4297	4295	4297			
15	4217	4218	4224	4237	4243	4248	4250	4247	4238	4232	4225	4223	4210	4203	4204	4203			
20	4087	4088	4105	4113	4125	4129	4135	4130	4117	4107	4101	4095	4085	4070	4072	4080			
25	3921	3918	3927	3951	3955	3963	3971	3968	3954	3935	3927	3926	3906	3893	3893	3906			
30	3708	3702	3712	3732	3739	3734	3751	3757	3735	3701	3704	3701	3682	3659	3677	3694			
35	3468	3476	3480	3489	3501	3498	3512	3506	3497	3469	3464	3448	3439	3424	3441	3446			
40	3196	3220	3227	3220	3239	3251	3253	3243	3226	3219	3199	3175	3170	3167	3172	3173			
45	2894	2926	2932	2930	2947	2965	2958	2947	2932	2932	2899	2879	2870	2880	2873	2873			
50	2553	2575	2586	2593	2609	2643	2628	2624	2603	2592	2560	2538	2523	2532	2521	2521			
55	2162	2186	2185	2199	2207	2238	2220	2219	2201	2194	2164	2139	2129	2134	2131	2143			
60	1770	1782	1778	1771	1789	1801	1791	1791	1775	1767	1730	1715	1706	1734	1725	1738			
65	1275	1300	1283	1280	1299	1328	1311	1308	1295	1301	1258	1228	1229	1238	1241	1260			
70	818	851	827	826	842	883	868	852	849	846	806	761	770	801	787	793			
75	407	422	421	423	433	458	458	450	432	436	410	388	379	386	386	391			
80	128	139	137	140	151	164	165	153	147	146	137	126	123	123	120	123			
85	27.3	29.1	31.3	33.7	35.4	35.5	34.8	33.6	31.4	29.4	27.7	26.8	28.2	27.8	27.7	28.4			
90	1.61	3.77	4.23	4.56	4.72	4.17	4.59	4.33	1.91	1.36	0.97	0.67	0.54	0.56	0.69	0.98			
95	0.77	0.76	0.74	0.73	0.72	0.73	0.73	0.73	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29			
100	0.99	0.98	0.96	0.95	0.94	0.95	0.95	0.95	0.40	0.40	0.40	0.41	0.41	0.42	0.41	0.41			
105	1.17	1.16	1.14	1.12	1.12	1.12	1.12	1.13	0.55	0.55	0.56	0.56	0.56	0.57	0.57	0.57			
110	1.33	1.32	1.31	1.29	1.29	1.29	1.29	1.30	0.73	0.73	0.74	0.74	0.75	0.75	0.75	0.75			
115	1.53	1.52	1.51	1.49	1.49	1.49	1.49	1.49	0.95	0.95	0.96	0.97	0.98	0.98	0.99	0.98			
120	1.82	1.81	1.79	1.78	1.77	1.77	1.77	1.78	1.22	1.23	1.23	1.24	1.25	1.26	1.26	1.26			
125	2.24	2.22	2.21	2.20	2.19	2.18	2.19	2.19	1.53	1.53	1.54	1.54	1.56	1.56	1.57	1.57			
130	2.85	2.84	2.83	2.81	2.80	2.79	2.79	2.80	1.86	1.87	1.88	1.88	1.89	1.89	1.90	1.90			
135	3.66	3.65	3.64	3.62	3.61	3.60	3.60	3.61	2.22	2.23	2.23	2.24	2.25	2.25	2.25	2.25			
140	4.75	4.74	4.73	4.71	4.70	4.69	4.69	4.70	2.55	2.56	2.57	2.58	2.59	2.58	2.58	2.58			
145	6.10	6.10	6.08	6.07	6.06	6.05	6.05	6.06	2.92	2.93	2.95	2.95	2.96	2.96	2.96	2.95			
150	7.26	7.26	7.24	7.21	7.21	7.21	7.21	7.22	3.23	3.25	3.26	3.26	3.25	3.25	3.26	3.26			
155	8.29	8.30	8.28	8.26	8.25	8.25	8.26	8.26	3.72	3.73	3.74	3.74	3.74	3.73	3.73	3.73			
160	8.98	8.96	8.95	8.93	8.93	8.94	8.94	8.92	4.13	4.14	4.15	4.16	4.19	4.13	4.13	4.13			
165	8.87	8.86	8.85	8.84	8.85	8.85	8.83	8.82	4.46	4.46	4.46	4.49	4.51	4.50	4.45	4.44			
170	8.24	8.23	8.23	8.22	8.23	8.22	8.17	8.15	4.83	4.84	4.83	4.86	4.88	4.86	4.83	4.80			
175	7.73	7.73	7.72	7.74	7.75	7.70	7.67	7.66	5.56	5.55	5.56	5.58	5.59	5.59	5.52	5.53			
180	6.81	6.81	6.78	6.80	6.81	6.78	6.75	6.70	6.83	6.83	6.82	6.80	6.81	6.82	6.81	6.76			

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