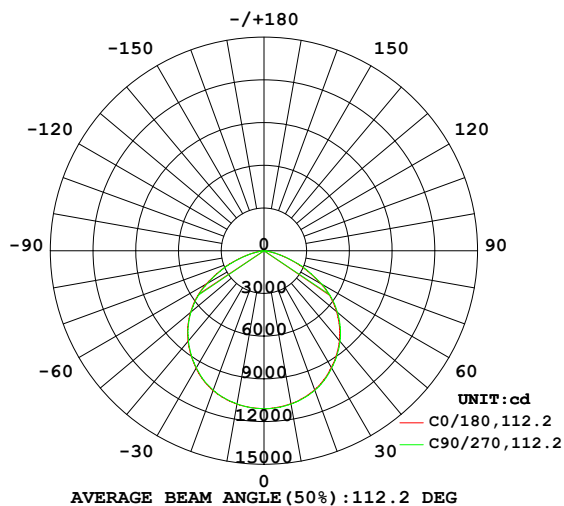


LUMINAIRE PHOTOMETRIC TEST REPORT

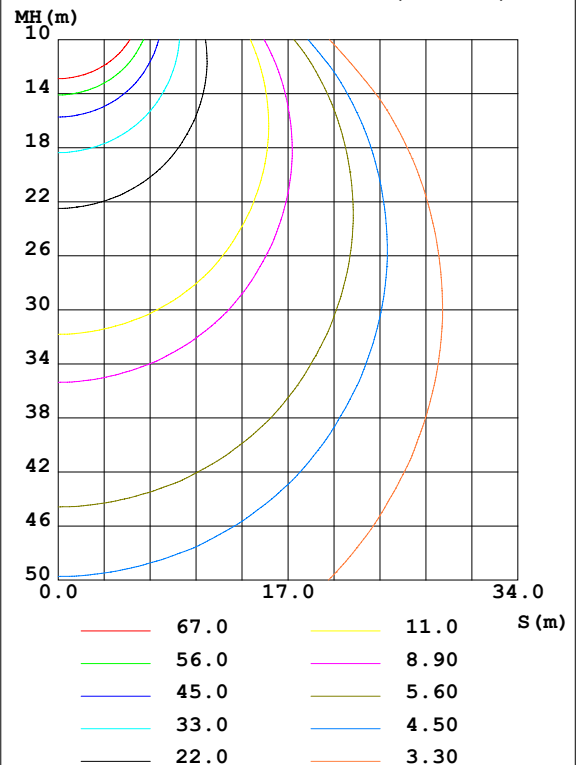
Test:U:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 lm		
NAME: LED Highbay	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.94 lm/W			
MODEL	ERS-UFO-200D-A1	I _{max} (cd)	11099	S/MH (C0/180)	1.28
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	30094	η UP,DN (C0-180)	0.1,50.0
NOMINAL FLUX (lm)	30093.6	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
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:East
 Test Date:2020-07-19

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	1090	1092	1094	1095	1093	1092	1092	1092	0- 10	1051	1051	3.49, 3.49
20	1040	1041	1043	1046	1045	1043	1042	1040	10- 20	3027	4077	13.5, 13.5
30	946.7	949.4	951.5	958.0	953.9	951.9	949.6	948.2	20- 30	4617	8694	28.9, 28.9
40	824.2	824.7	830.9	833.7	830.9	828.8	825.5	823.9	30- 40	5585	14279	47.4, 47.4
50	665.3	667.0	673.6	674.8	674.1	670.7	668.9	665.9	40- 50	5808	20087	66.7, 66.7
60	457.6	458.2	468.6	476.6	470.7	460.7	457.5	457.1	50- 60	5132	25219	83.8, 83.8
70	220.0	223.4	230.2	236.5	231.3	226.2	222.5	220.1	60- 70	3392	28611	95.1, 95.1
80	41.55	42.88	44.43	47.32	44.26	42.66	41.42	38.40	70- 80	1321	29932	99.5, 99.5
90	0.4283	0.4615	0.4165	0.4588	0.1400	0.0673	0.0525	0.0525	80- 90	124.2	30056	99.9, 99.9
100	0.2622	0.2599	0.2582	0.2563	0.1075	0.1079	0.1100	0.1114	90-100	1.609	30057	99.9, 99.9
110	0.3483	0.3463	0.3445	0.3432	0.1932	0.1940	0.1971	0.1995	100-110	2.394	30060	99.9, 99.9
120	0.4671	0.4655	0.4639	0.4622	0.3206	0.3219	0.3255	0.3287	110-120	3.239	30063	99.9, 99.9
130	0.7263	0.7248	0.7232	0.7200	0.4829	0.4842	0.4868	0.4896	120-130	4.381	30067	99.9, 99.9
140	1.199	1.198	1.196	1.193	0.6546	0.6555	0.6574	0.6574	130-140	5.809	30073	99.9, 99.9
150	1.839	1.840	1.837	1.837	0.8350	0.8377	0.8376	0.8366	140-150	7.119	30080	100, 100
160	2.274	2.274	2.273	2.276	1.066	1.068	1.075	1.064	150-160	6.993	30087	100, 100
170	2.085	2.087	2.090	2.091	1.241	1.240	1.252	1.240	160-170	4.797	30092	100, 100
180	1.731	1.723	1.737	1.732	1.736	1.729	1.733	1.740	170-180	1.596	30094	100, 100
DEG	LUMINOUS INTENSITY:×10cd Less than 25% Percent = 6.6 %									UNIT:lm		

Conical surface Flux(90deg): 17209 lm

%lum = 57.2%

%lamp = 57.2%

Conical surface Flux(120deg): 25219 lm

%lum = 83.8%

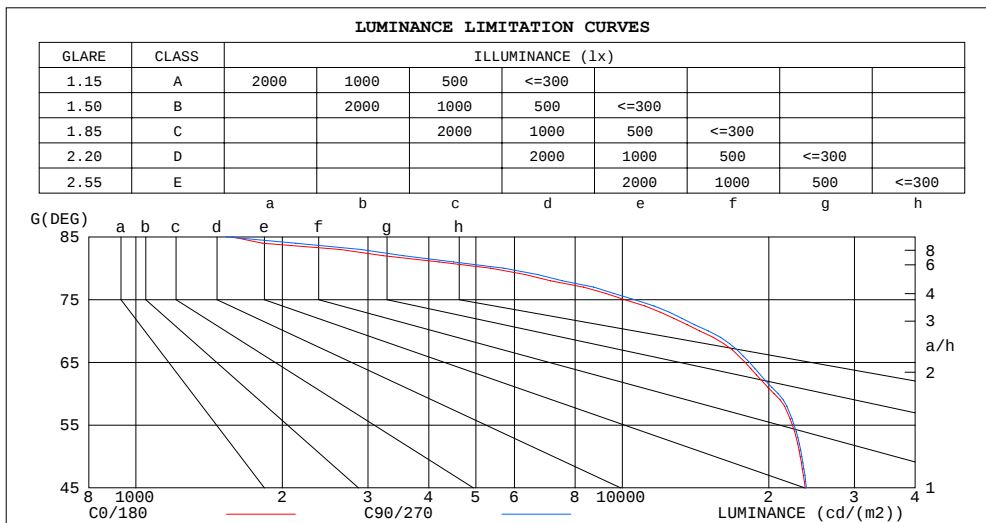
%lamp = 83.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.8DEG
 Operators: East
 Test Date: 2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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



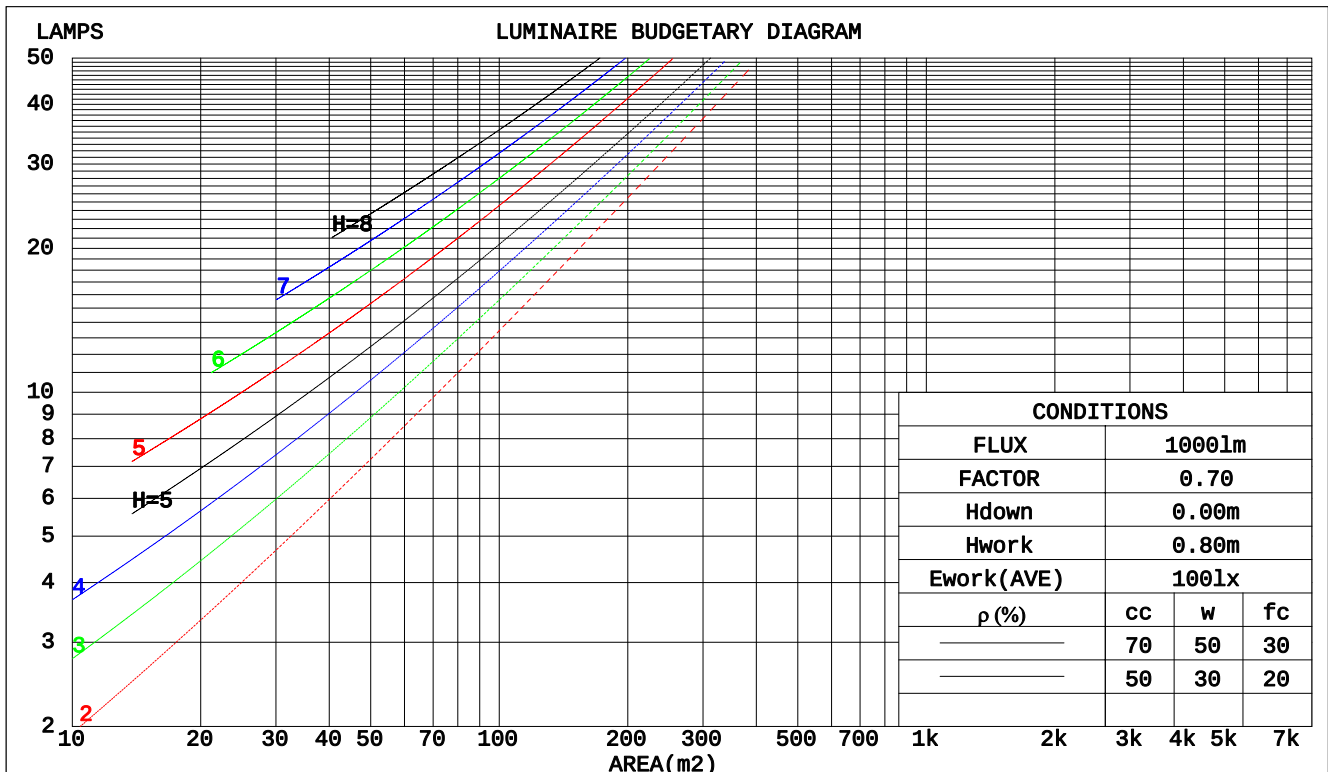
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:East
Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.91	.91	.90	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.61
4.0	.72	.64	.57	.71	.63	.57	.69	.62	.56	.66	.60	.55	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.55	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.32	.27	.26



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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	.279	.159	.050	.272	.155	.049	.259	.149	.047	.247	.143	.046	.236	.137	.044	
2.0	.271	.149	.046	.265	.146	.045	.254	.141	.044	.243	.136	.043	.233	.132	.042	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.040	.230	.126	.039	.222	.123	.038	
4.0	.239	.124	.036	.234	.122	.036	.225	.119	.036	.216	.116	.035	.208	.113	.035	
5.0	.223	.113	.033	.218	.112	.033	.210	.109	.032	.203	.107	.032	.196	.105	.031	
6.0	.208	.104	.030	.204	.103	.030	.197	.101	.029	.190	.099	.029	.184	.097	.029	
7.0	.194	.096	.027	.191	.095	.027	.184	.093	.027	.178	.091	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.168	.085	.025	.163	.083	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023	
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.150	.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	.101	.146	.114	.088	.100	.079	.061	.058	.046	.036	.019	.015	.012	
3.0	.163	.115	.077	.139	.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	.036	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.035	.116	.066	.030	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.111	.061	.026	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.123	.065	.027	.106	.057	.023	.073	.040	.016	.043	.024	.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:East
Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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	2H	23.7	25.1	23.9	25.3	25.5	23.7	25.2	24.0	25.4	25.6
	3H	24.7	26.0	25.0	26.2	26.5	24.7	26.1	25.0	26.3	26.6
	4H	24.9	26.2	25.2	26.4	26.7	25.0	26.3	25.3	26.5	26.8
	6H	24.9	26.1	25.2	26.4	26.7	25.0	26.2	25.3	26.5	26.8
	8H	24.9	26.0	25.2	26.3	26.6	25.0	26.1	25.3	26.4	26.7
	12H	24.8	25.9	25.2	26.2	26.5	24.9	26.0	25.3	26.3	26.6
4H	2H	24.1	25.4	24.4	25.7	25.9	24.2	25.5	24.5	25.7	26.0
	3H	25.3	26.4	25.6	26.7	27.0	25.3	26.5	25.7	26.7	27.1
	4H	25.5	26.6	25.9	26.9	27.2	25.6	26.7	26.0	27.0	27.3
	6H	25.6	26.5	26.0	26.9	27.2	25.7	26.6	26.1	27.0	27.3
	8H	25.6	26.4	26.0	26.8	27.2	25.7	26.5	26.1	26.9	27.3
	12H	25.6	26.3	26.0	26.7	27.1	25.7	26.4	26.1	26.8	27.2
8H	4H	25.6	26.4	26.0	26.8	27.2	25.7	26.5	26.1	26.9	27.3
	6H	25.7	26.4	26.2	26.8	27.2	25.8	26.5	26.3	26.9	27.3
	8H	25.7	26.3	26.2	26.7	27.2	25.8	26.4	26.3	26.8	27.3
	12H	25.7	26.2	26.2	26.6	27.1	25.8	26.3	26.2	26.7	27.2
12H	4H	25.6	26.3	26.0	26.7	27.1	25.7	26.4	26.1	26.8	27.2
	6H	25.7	26.3	26.2	26.7	27.2	25.8	26.4	26.2	26.8	27.3
	8H	25.7	26.2	26.2	26.6	27.1	25.8	26.3	26.3	26.7	27.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5					
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.4					

CIE Pub.117 Corrected 30094 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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

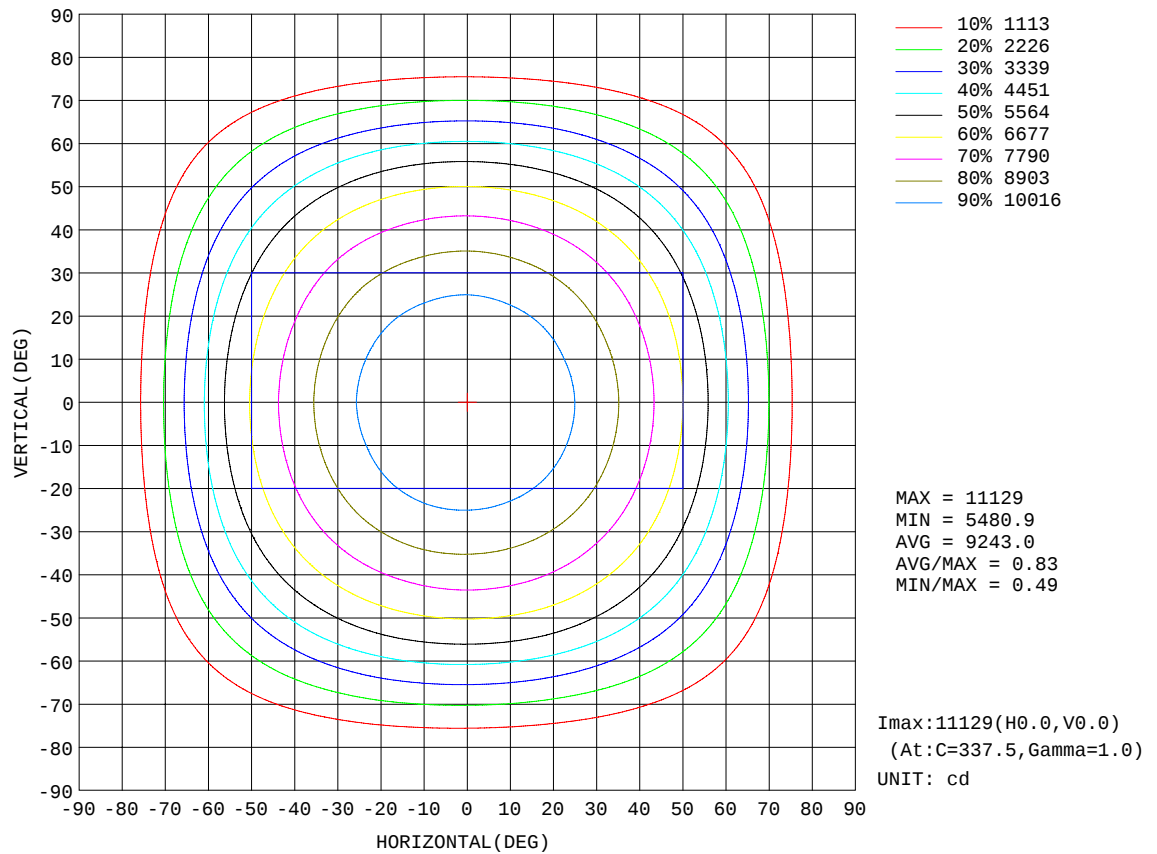
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	47	41	58	47	40	57	47	40	34
0.80	69	58	51	68	57	51	66	57	50	43
1.00	78	67	60	77	67	60	75	68	59	53
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	81	74	88	80	74	86	78	73	65
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	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: HIGH
Temperature:24.8DEG
Operators:East
Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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

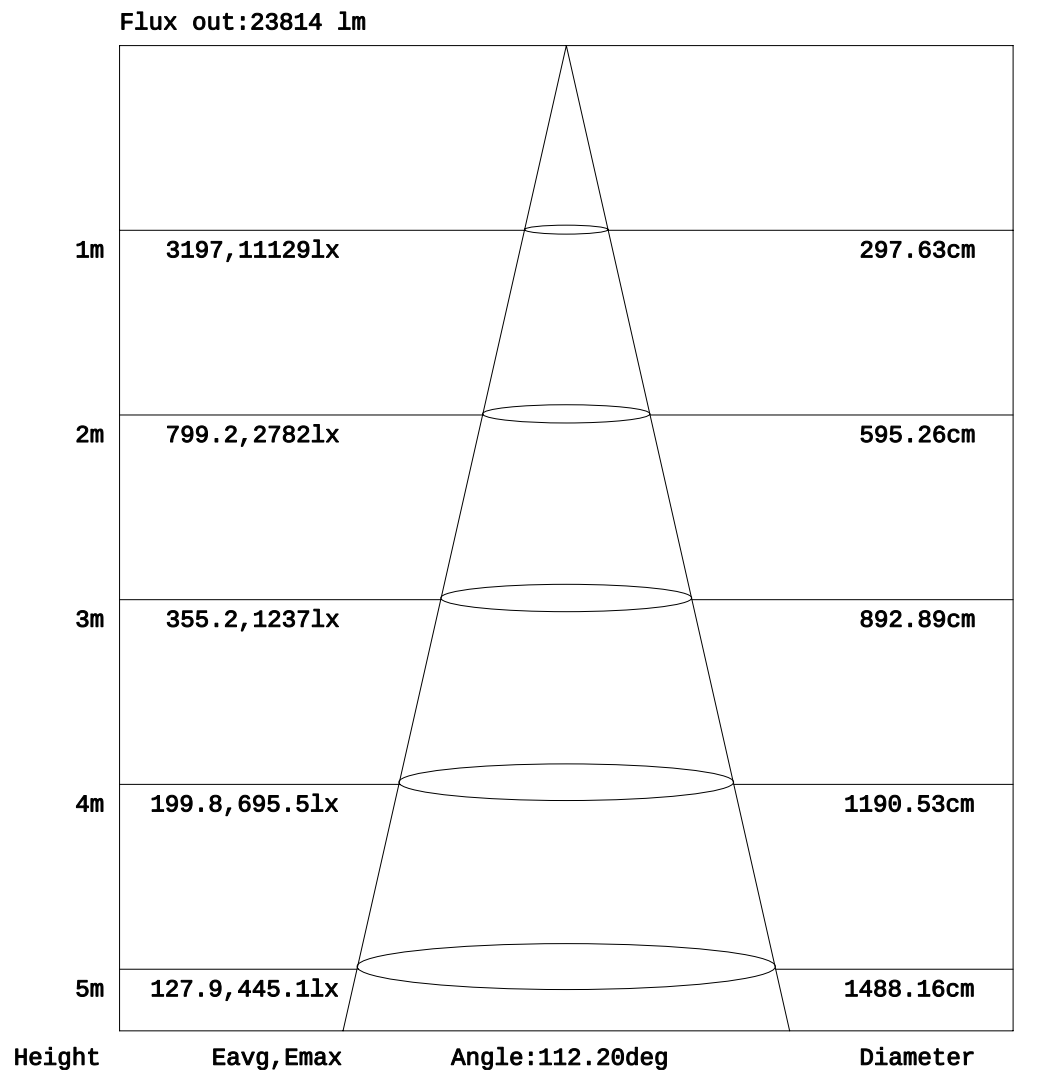


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:East
Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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



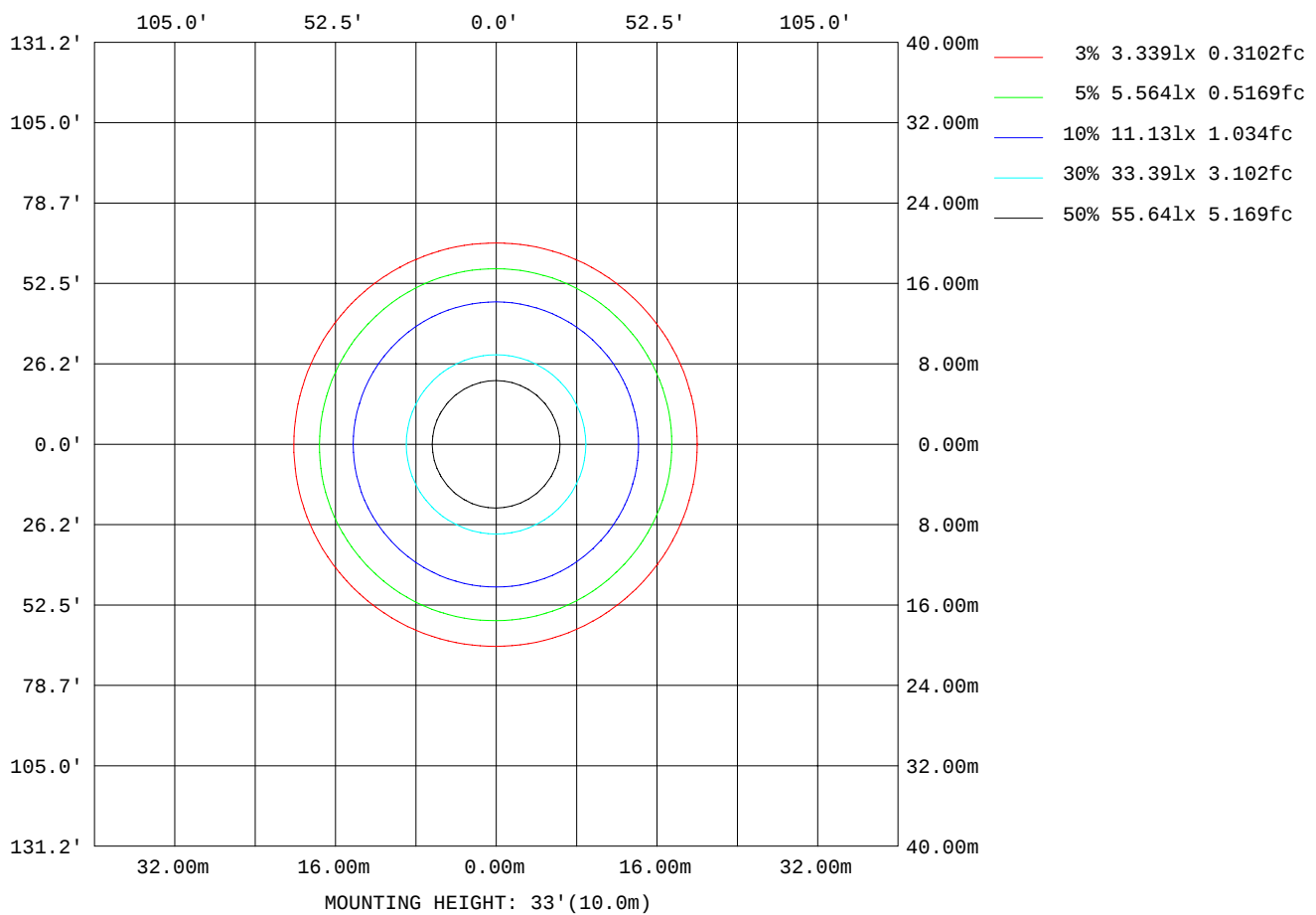
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:East
 Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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:East
Test Date:2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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

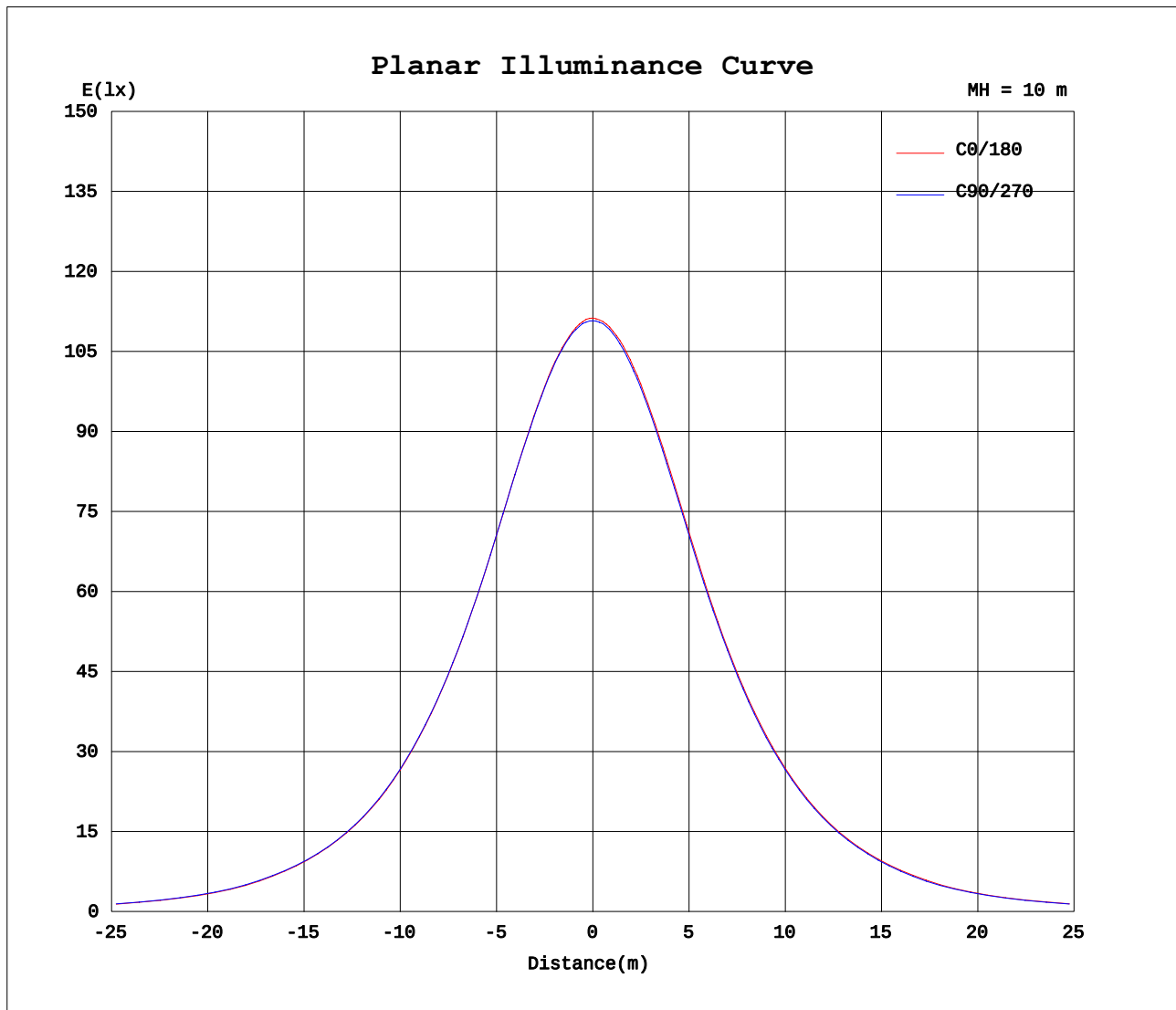
AvgL	cd/m2
L_0~180 (65) av	18088
L_0~180 (75) av	10435
L_0~180 (85) av	1584
L_90~270 (65) av	18117
L_90~270 (75) av	10458
L_90~270 (85) av	1390
L_45 (65) av	18037
L_45 (75) av	10430
L_45 (85) av	1496

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.8DEG
Operators:East
Test Date:2020-07-19

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: East
Test Date: 2020-07-19

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:240.0V I:0.8289A P:193.0W PF:0.9699 Lamp Flux:30093.6x1 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: 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	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109	1109			
5	1104	1103	1105	1105	1105	1104	1106	1105	1105	1105	1104	1105	1106	1103	1105	1104			
10	1090	1092	1092	1093	1094	1093	1095	1095	1093	1093	1092	1092	1092	1091	1092	1092			
15	1070	1070	1072	1073	1072	1073	1075	1075	1073	1073	1072	1072	1072	1070	1071	1069			
20	1040	1041	1041	1042	1043	1046	1046	1045	1045	1044	1043	1043	1042	1041	1040	1038			
25	998	1000	1001	1001	1003	1005	1008	1006	1005	1005	1004	1002	1002	998	999	998			
30	947	949	949	948	951	958	958	955	954	954	952	950	950	948	948	946			
35	889	890	890	892	895	898	899	897	894	895	895	892	892	889	890	889			
40	824	824	825	829	831	830	834	833	831	829	829	827	825	825	824	825			
45	749	751	750	756	757	756	758	760	757	755	756	753	753	750	749	750			
50	665	666	667	672	674	674	675	677	674	671	671	671	669	667	666	667			
55	572	573	573	580	580	583	584	585	581	579	577	577	574	572	572	573			
60	458	458	458	464	469	475	477	478	471	465	461	461	457	457	457	458			
65	337	337	338	342	346	349	349	349	347	344	343	341	340	339	335	338			
70	220	221	223	225	230	236	237	236	231	227	226	224	222	222	220	221			
75	117	117	117	119	123	127	128	125	125	123	122	121	120	118	116	116			
80	41.6	42.4	42.9	42.5	44.4	47.4	47.3	46.6	44.3	42.9	42.7	41.6	41.4	39.7	38.4	39.2			
85	6.12	6.72	7.11	5.87	5.99	6.48	6.19	5.85	6.23	5.79	5.20	4.96	4.85	4.93	4.83	4.97			
90	0.43	0.44	0.46	0.38	0.42	0.45	0.46	0.45	0.14	0.09	0.07	0.06	0.05	0.05	0.05	0.05			
95	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
100	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11			
105	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15			
110	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20			
115	0.40	0.40	0.39	0.39	0.39	0.39	0.39	0.39	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26			
120	0.47	0.47	0.47	0.46	0.46	0.46	0.46	0.46	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33			
125	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.40	0.40	0.40	0.40	0.40	0.41	0.41	0.41			
130	0.73	0.73	0.72	0.72	0.72	0.72	0.72	0.72	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49			
135	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.57	0.57	0.57	0.57	0.58	0.57	0.58	0.58			
140	1.20	1.20	1.20	1.20	1.20	1.19	1.19	1.20	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66			
145	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	0.75	0.76	0.76	0.76	0.76	0.76	0.76	0.76			
150	1.84	1.84	1.84	1.84	1.84	1.83	1.84	1.84	0.83	0.84	0.84	0.84	0.84	0.83	0.84	0.84			
155	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96			
160	2.27	2.27	2.27	2.27	2.27	2.27	2.28	2.28	1.07	1.07	1.07	1.07	1.07	1.06	1.06	1.06			
165	2.25	2.25	2.25	2.25	2.25	2.25	2.26	2.26	1.15	1.15	1.15	1.16	1.16	1.15	1.15	1.14			
170	2.08	2.08	2.09	2.09	2.09	2.09	2.09	2.09	1.24	1.24	1.24	1.25	1.25	1.25	1.24	1.24			
175	1.96	1.96	1.96	1.97	1.97	1.97	1.97	1.97	1.41	1.41	1.41	1.42	1.42	1.42	1.41	1.40			
180	1.73	1.73	1.72	1.73	1.74	1.73	1.73	1.72	1.74	1.74	1.73	1.73	1.73	1.74	1.74	1.74			

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