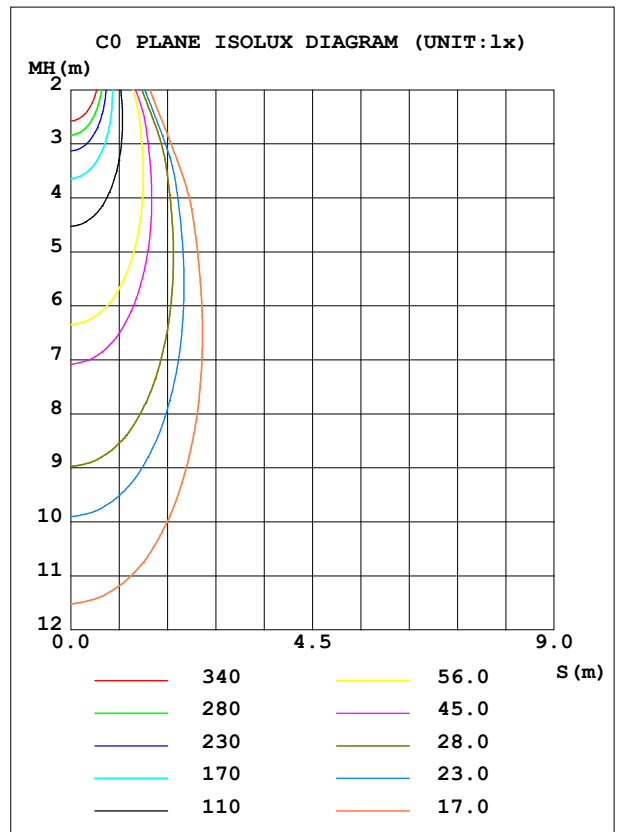
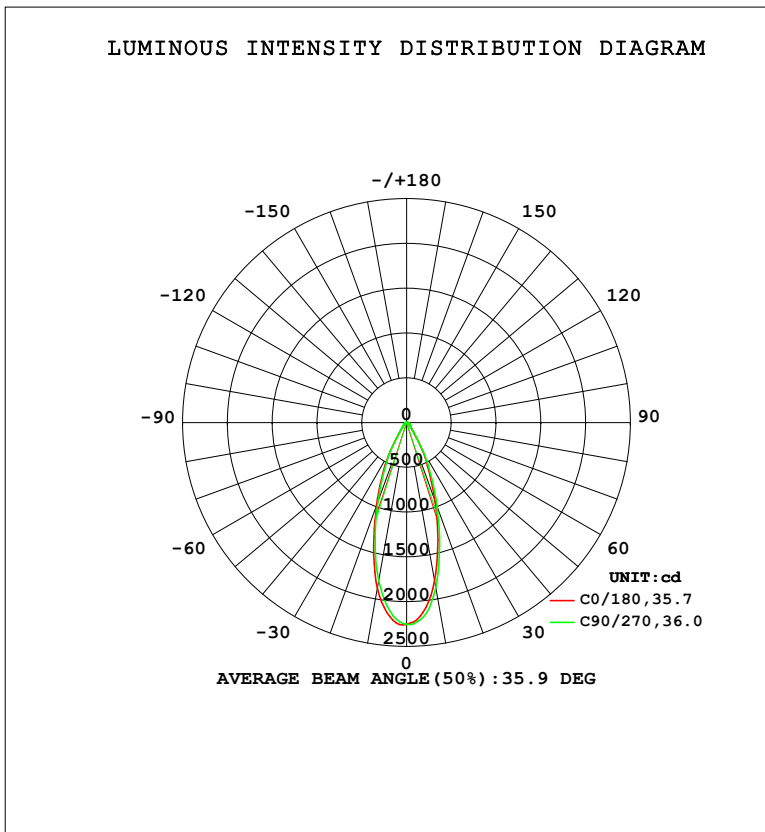


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	2261	S/MH (C0/180)	0.60
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.58
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1088.0	$\eta$ UP, DN (C0-180)	0.0, 50.7
NOMINAL FLUX (lm)	1087.95	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 49.3
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-10-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

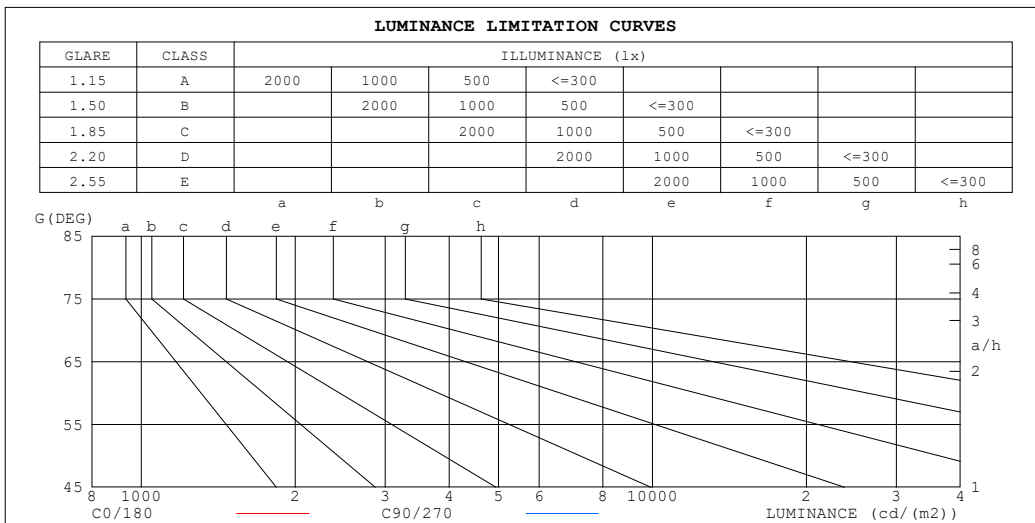
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1795	1868	1872	1872	1885	1800	1796	1797	0- 10	195.1	195.1	17.9,17.9
20	927.0	981.8	996.2	977.0	983.8	934.6	931.3	950.1	10- 20	381.5	576.6	53,53
30	347.4	367.2	365.7	363.9	369.6	334.9	350.8	380.3	20- 30	285.2	861.8	79.2,79.2
40	89.25	92.30	88.37	84.91	85.40	85.58	89.00	93.62	30- 40	110.1	971.9	89.3,89.3
50	47.62	47.36	46.37	45.79	46.39	45.80	47.49	48.48	40- 50	47.68	1020	93.7,93.7
60	28.64	28.37	27.14	26.56	27.12	27.03	28.31	29.17	50- 60	32.71	1052	96.7,96.7
70	15.87	16.05	15.56	15.33	15.52	15.02	15.63	16.17	60- 70	21.37	1074	98.7,98.7
80	6.221	6.520	6.321	6.198	6.308	5.910	6.140	6.388	70- 80	11.25	1085	99.7,99.7
90	0.1111	0.0722	0.0841	0.0730	0.0747	0.0733	0.0599	0.0544	80- 90	3.006	1088	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	275	290
80	323	328
75	368	366
70	418	410
65	471	452
60	516	489
55	584	551
50	667	649
45	746	753

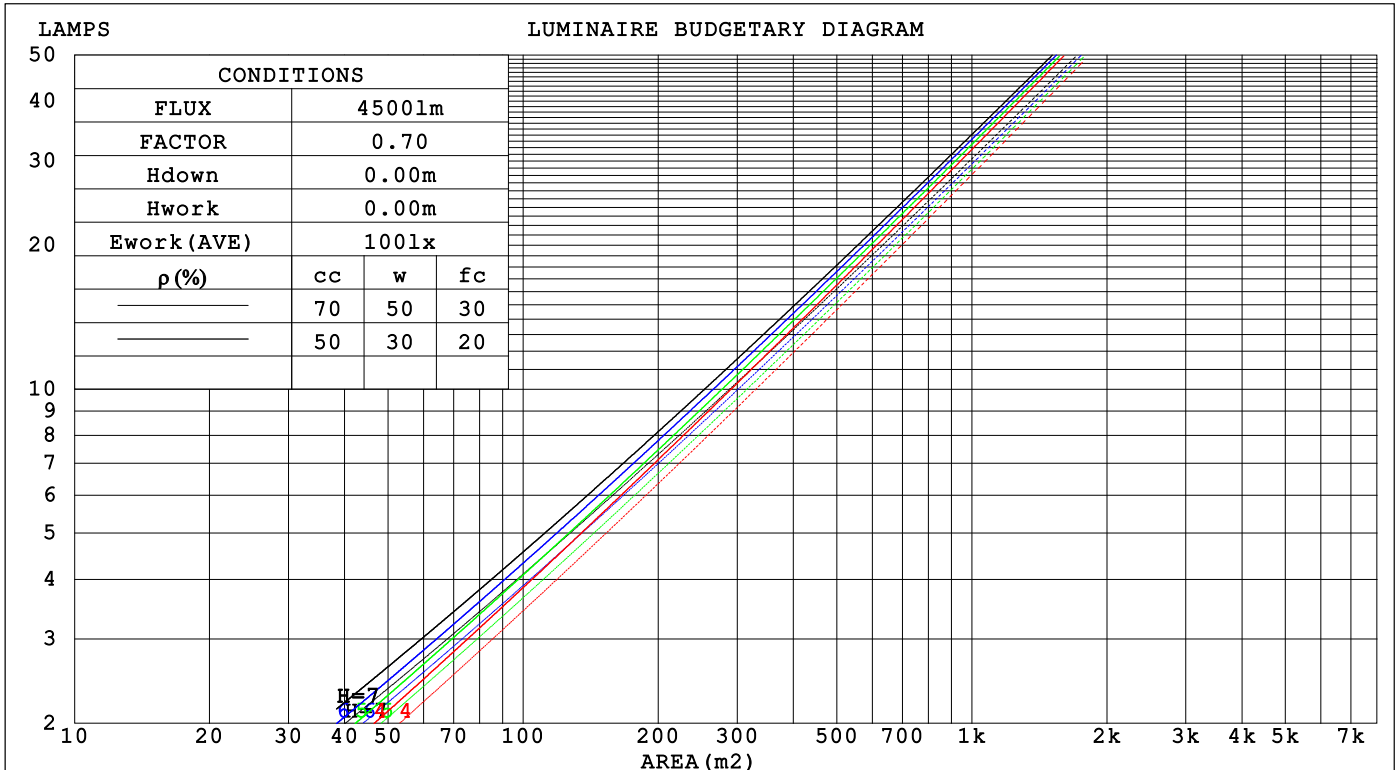
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.90	.87	.85	.88	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.70	.67	.73	.70	.67	.66
8.0	.74	.68	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.62
9.0	.71	.65	.62	.70	.65	.61	.69	.65	.61	.68	.64	.61	.68	.64	.61	.60
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.59	.66	.61	.58	.65	.61	.58	.57



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.178	.101	.032	.171	.098	.031	.159	.091	.029	.147	.085	.027	.136	.079	.025	
2.0	.168	.092	.028	.162	.089	.028	.152	.084	.026	.142	.080	.025	.133	.075	.024	
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.074	.023	.128	.071	.022	
4.0	.148	.077	.023	.144	.076	.022	.137	.072	.022	.129	.069	.021	.123	.067	.020	
5.0	.140	.071	.021	.136	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019	
6.0	.132	.066	.019	.129	.065	.019	.124	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.126	.062	.018	.123	.061	.017	.118	.060	.017	.113	.058	.017	.109	.056	.017	
8.0	.120	.058	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016	
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.100	.051	.015	
10.0	.109	.052	.015	.107	.052	.014	.104	.051	.014	.100	.050	.014	.097	.049	.014	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.083	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.018	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm										
NAME: ASD-CD-PR-MV-2D15AC-WH					TYPE:			WEIGHT:		
SPEC.: 3000K 90					DIM.:			SERIAL No.:		
MFR.:ASD Lighting Corp					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	6.3	7.1	6.5	7.3	7.5	6.3	7.2	6.5	7.4	7.5
3H	7.0	7.9	7.3	8.1	8.3	7.0	7.9	7.3	8.1	8.3
4H	7.4	8.1	7.6	8.4	8.6	7.4	8.1	7.6	8.4	8.6
6H	7.6	8.3	7.9	8.6	8.8	7.6	8.3	7.9	8.6	8.8
8H	7.6	8.4	7.9	8.6	8.9	7.7	8.4	8.0	8.6	8.9
12H	7.7	8.4	8.0	8.6	8.9	7.7	8.4	8.0	8.6	8.9
4H 2H	6.5	7.3	6.8	7.6	7.8	6.6	7.4	6.9	7.6	7.8
3H	7.5	8.2	7.8	8.5	8.7	7.5	8.2	7.8	8.5	8.8
4H	7.9	8.6	8.3	8.9	9.2	8.0	8.6	8.3	8.9	9.2
6H	8.3	8.8	8.6	9.2	9.5	8.3	8.8	8.7	9.2	9.5
8H	8.4	8.9	8.8	9.2	9.6	8.4	8.9	8.8	9.3	9.6
12H	8.4	8.9	8.8	9.3	9.7	8.5	8.9	8.9	9.3	9.7
8H 4H	8.1	8.6	8.5	8.9	9.3	8.1	8.6	8.5	8.9	9.3
6H	8.5	8.9	8.9	9.3	9.7	8.5	9.0	9.0	9.3	9.8
8H	8.7	9.1	9.1	9.5	9.9	8.7	9.1	9.2	9.5	9.9
12H	8.8	9.1	9.3	9.6	10.0	8.8	9.2	9.3	9.6	10.1
12H 4H	8.1	8.5	8.5	8.9	9.3	8.1	8.5	8.5	8.9	9.3
6H	8.5	8.9	9.0	9.3	9.8	8.5	8.9	9.0	9.3	9.8
8H	8.7	9.0	9.2	9.5	10.0	8.8	9.1	9.2	9.5	10.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.7				
1.5H	+ 0.8 / - 0.4					+ 0.9 / - 0.5				
2.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				

CIE Pub.117, 1088 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)  
 Area: 0.111111 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

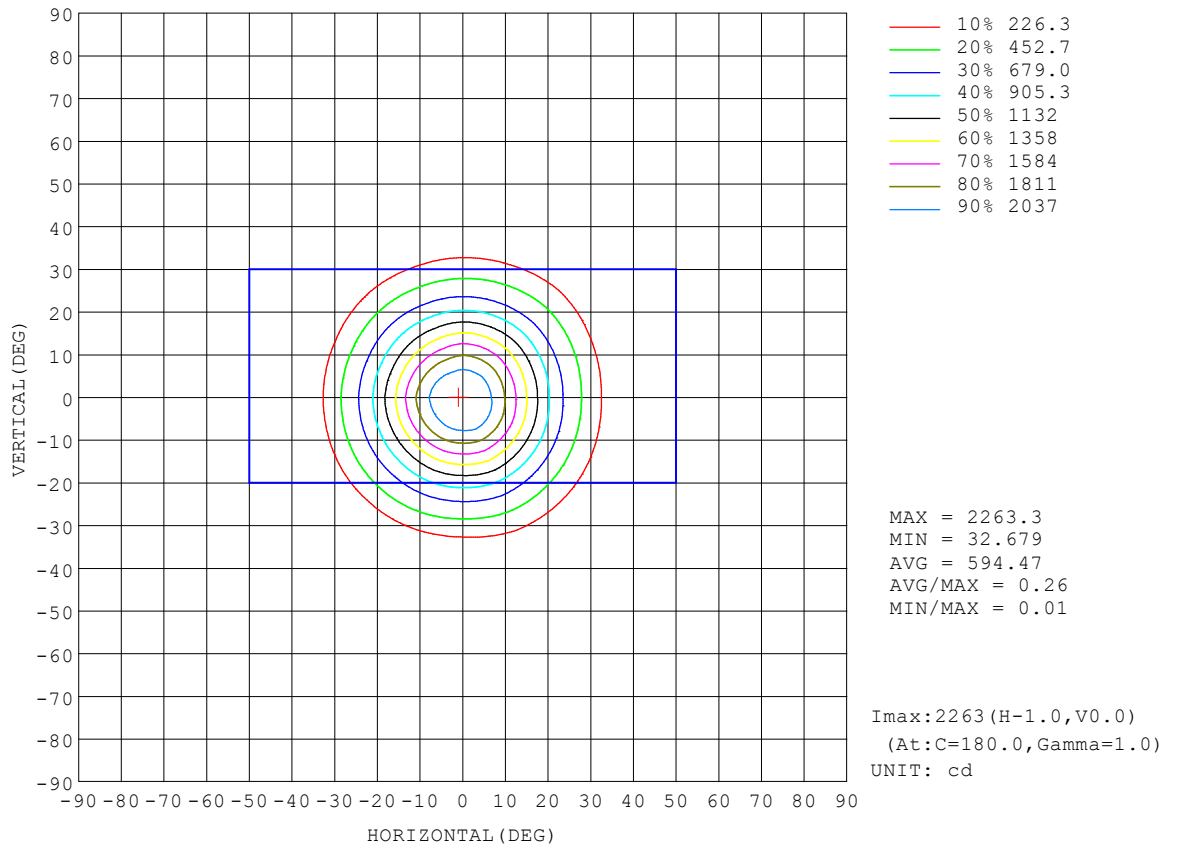
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	84	78	74	70
0.80	93	86	82	92	86	82	91	85	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
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:25.3°C  
 Operators:  
 Test Date:2022-10-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:



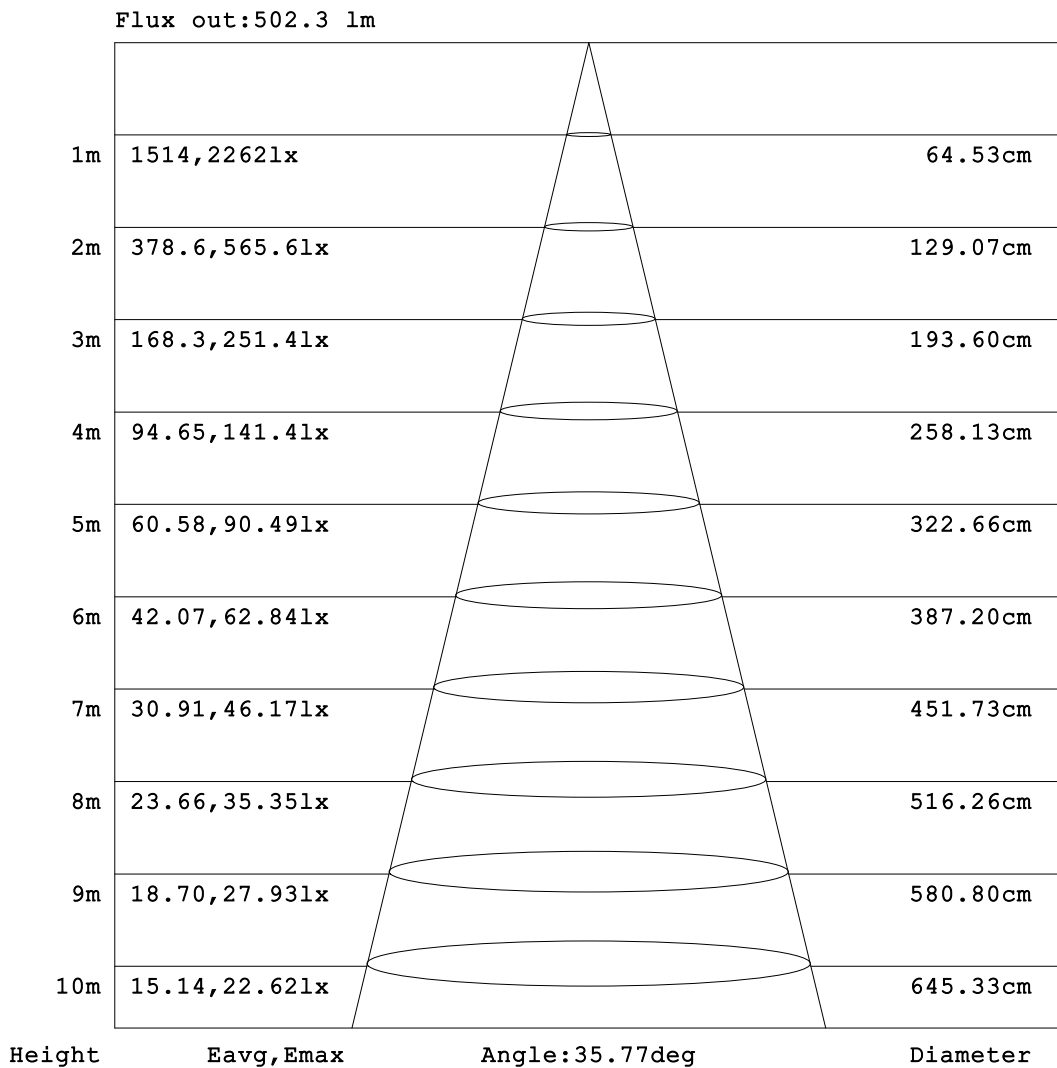
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:



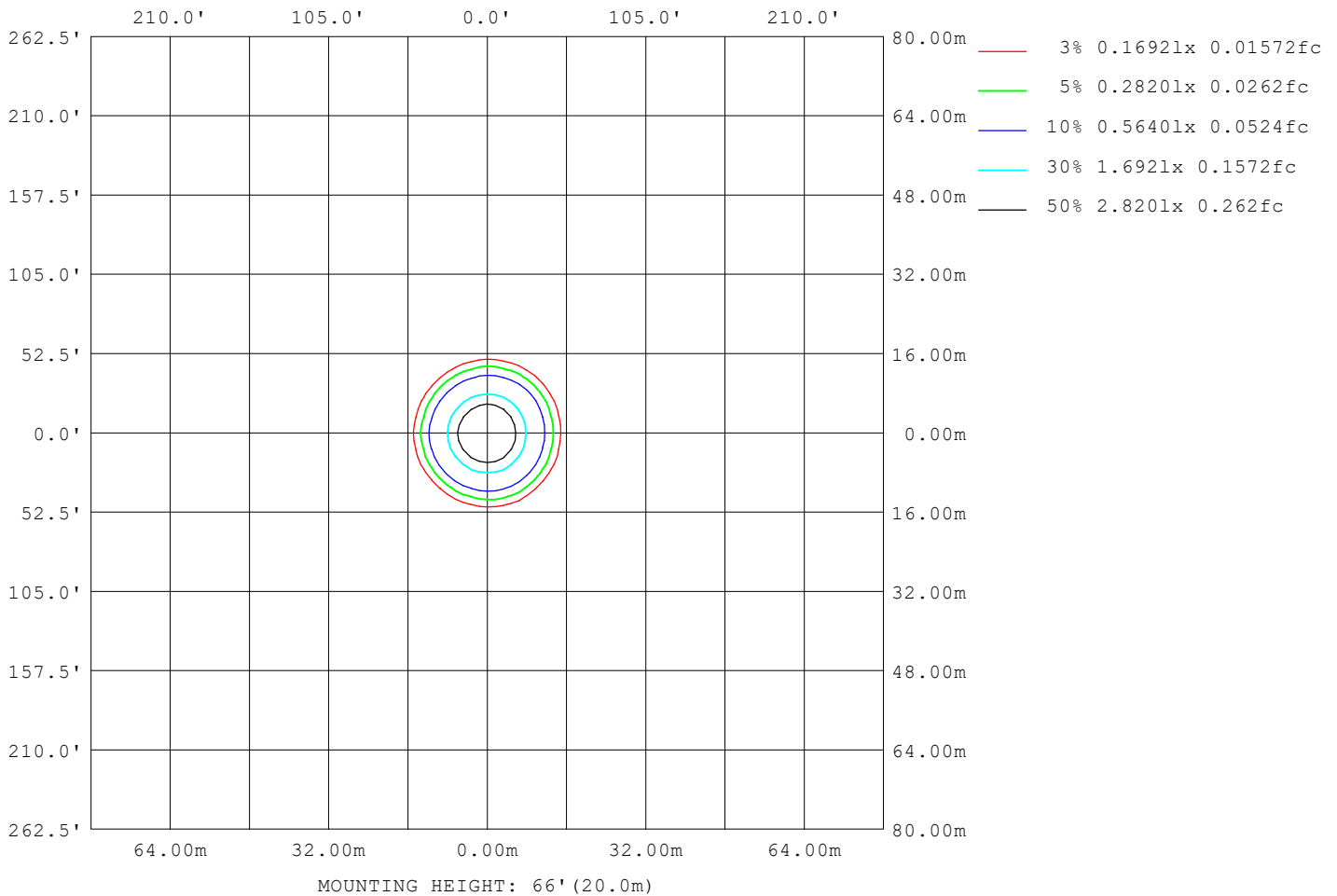
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

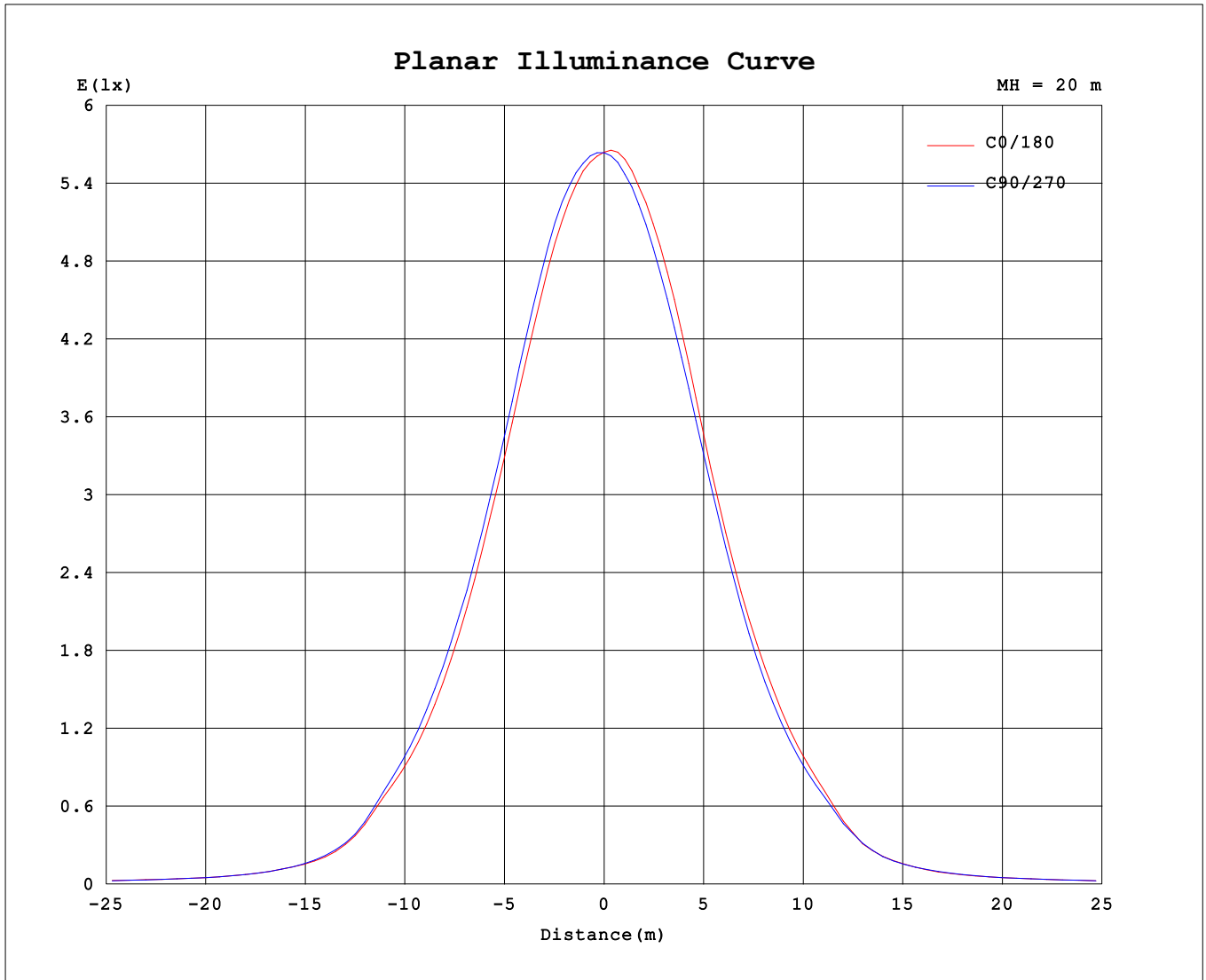
AvgL	cd/m2
L_0~180 (65) av	460
L_0~180 (75) av	367
L_0~180 (85) av	279
L_90~270 (65) av	458
L_90~270 (75) av	365
L_90~270 (85) av	279
L_45 (65) av	460
L_45 (75) av	366
L_45 (85) av	277

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.090m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2022-10-14

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.1165A P:13.591W PF:0.9731 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1087.95x1 lm		
NAME: ASD-CD-PR-MV-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

γ (DEG)	C (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	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253	2253			
5	2128	2148	2171	2184	2176	2173	2167	2171	2172	2152	2133	2110	2118	2117	2124	2123			
10	1795	1833	1868	1893	1872	1873	1872	1875	1885	1837	1800	1777	1796	1793	1797	1792			
15	1355	1389	1414	1446	1426	1427	1413	1421	1422	1377	1353	1341	1366	1366	1378	1361			
20	927	954	982	1013	996	994	977	979	984	943	935	921	931	939	950	931			
25	589	610	631	659	642	641	636	641	640	611	600	583	596	599	613	600			
30	347	357	367	386	366	368	364	371	370	344	335	331	351	364	380	366			
35	153	157	162	170	161	157	153	155	157	151	149	149	156	160	165	158			
40	89.2	90.7	92.3	94.1	88.4	86.4	84.9	85.1	85.4	83.9	85.6	86.3	89.0	91.2	93.6	90.7			
45	58.6	59.7	60.7	61.1	59.1	58.5	58.1	58.2	58.1	57.4	57.7	58.1	58.6	58.9	59.3	58.5			
50	47.6	47.5	47.4	47.3	46.4	46.1	45.8	46.0	46.4	45.8	45.8	46.0	47.5	48.2	48.5	48.0			
55	37.2	36.9	36.5	36.3	35.1	34.7	34.4	34.8	35.2	34.8	35.0	35.6	37.1	37.8	38.4	38.1			
60	28.6	28.6	28.4	28.0	27.1	26.8	26.6	26.8	27.1	26.8	27.0	27.3	28.3	28.8	29.2	28.9			
65	22.1	22.2	22.1	21.9	21.2	20.9	20.8	21.0	21.1	20.9	20.8	21.0	21.8	22.3	22.6	22.3			
70	15.9	16.0	16.1	16.0	15.6	15.4	15.3	15.4	15.5	15.2	15.0	15.1	15.6	16.0	16.2	16.0			
75	10.6	10.7	10.8	10.9	10.5	10.5	10.4	10.5	10.6	10.2	10.1	10.0	10.5	10.7	10.8	10.7			
80	6.22	6.40	6.52	6.60	6.32	6.26	6.20	6.27	6.31	6.04	5.91	5.81	6.14	6.27	6.39	6.28			
85	2.66	2.82	2.96	3.03	2.81	2.72	2.65	2.70	2.74	2.47	2.38	2.35	2.60	2.68	2.74	2.68			
90	0.11	0.08	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.10	0.07	0.06	0.06	0.05	0.05	0.06			

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