

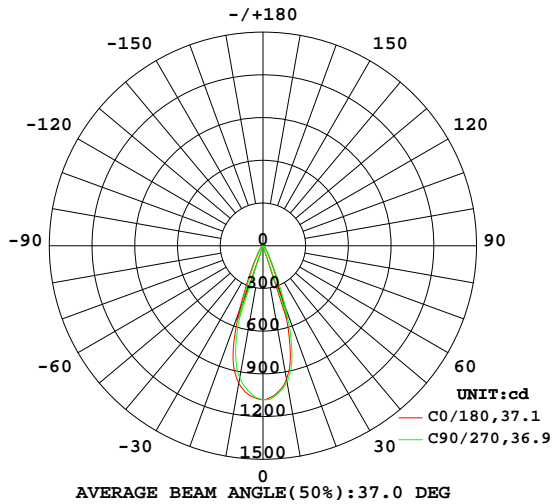
TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

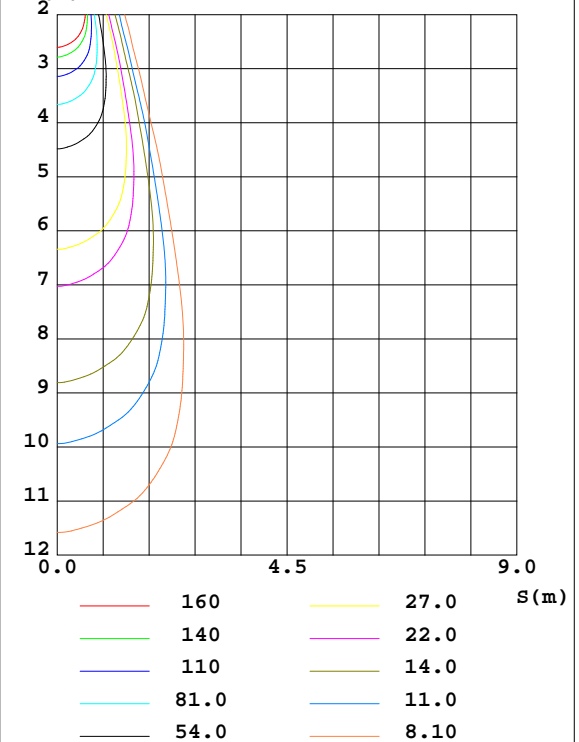
NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.84 lm/W			
MODEL	XHP35A-H-30H-D0-U-01	I <sub>max</sub> (cd)	1085	S/MH(C0/180)	0.58
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.55
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	484.85	η UP,DN(C0-180)	1.2,50.2
NOMINAL FLUX(lm)	484.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.4
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	ℓlum, lamp
10	951.2	949.9	968.8	985.3	980.9	987.3	941.8	923.4	0- 10	97.36	97.36	20.1,20.1
20	385.7	398.9	459.1	510.0	486.3	475.1	404.5	345.3	10- 20	202.4	299.8	61.8,61.8
30	79.95	86.11	97.59	104.2	100.3	98.28	82.94	75.12	20- 30	94.58	394.4	81.3,81.3
40	33.34	33.43	36.61	38.92	38.09	37.57	32.98	31.24	30- 40	35.09	429.4	88.6,88.6
50	17.57	17.44	18.76	19.54	19.38	19.08	17.50	16.64	40- 50	19.46	448.9	92.6,92.6
60	10.09	10.03	10.61	11.15	11.07	10.97	10.19	9.599	50- 60	12.50	461.4	95.2,95.2
70	5.169	5.081	5.478	5.861	5.740	5.674	5.314	4.825	60- 70	7.720	469.1	96.8,96.8
80	1.377	1.332	1.563	1.878	1.661	1.666	1.470	1.174	70- 80	3.511	472.6	97.5,97.5
90	0.1705	0.1655	0.1548	0.1574	0.1321	0.1323	0.1394	0.1440	80- 90	0.5753	473.2	97.6,97.6
100	0.2068	0.2072	0.2012	0.1971	0.2004	0.1963	0.2102	0.2040	90-100	0.1865	473.4	97.6,97.6
110	0.3409	0.3348	0.3073	0.2923	0.3061	0.3066	0.3253	0.3370	100-110	0.2680	473.7	97.7,97.7
120	0.7103	0.7048	0.6164	0.5667	0.5751	0.5826	0.6487	0.6899	110-120	0.4366	474.1	97.8,97.8
130	1.865	1.863	1.670	1.530	1.532	1.543	1.692	1.828	120-130	0.9648	475.1	98,98
140	3.726	3.716	3.479	3.301	3.267	3.287	3.501	3.685	130-140	1.954	477.0	98.4,98.4
150	5.609	5.609	5.481	5.303	5.270	5.280	5.498	5.601	140-150	2.797	479.8	99,99
160	6.223	6.307	6.414	6.390	6.322	6.360	6.405	6.235	150-160	2.786	482.6	99.5,99.5
170	5.445	5.460	5.741	5.835	5.747	5.727	5.601	5.381	160-170	1.726	484.3	99.9,99.9
180	5.195	5.280	5.255	5.307	5.204	5.282	5.255	5.309	170-180	0.5139	484.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

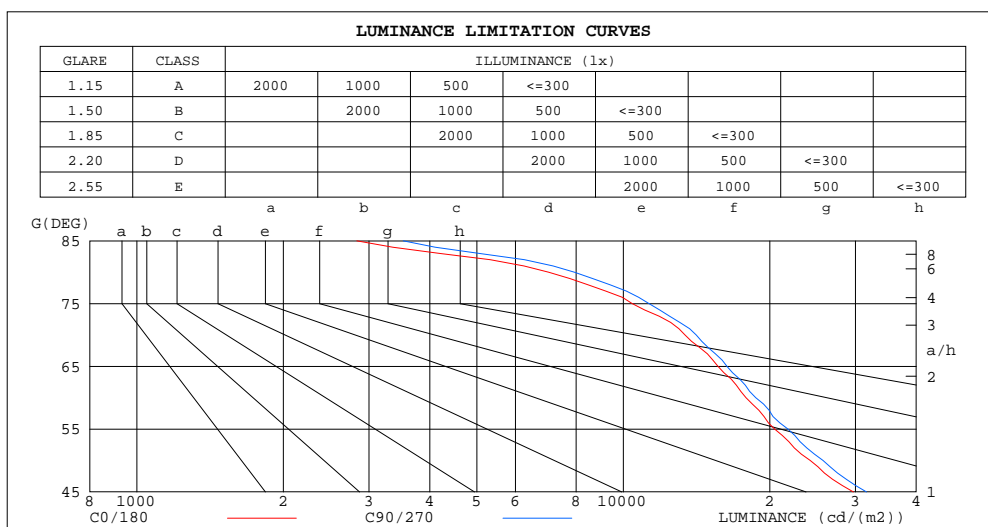
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## LUMINANCE LIMITATION CURVES

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

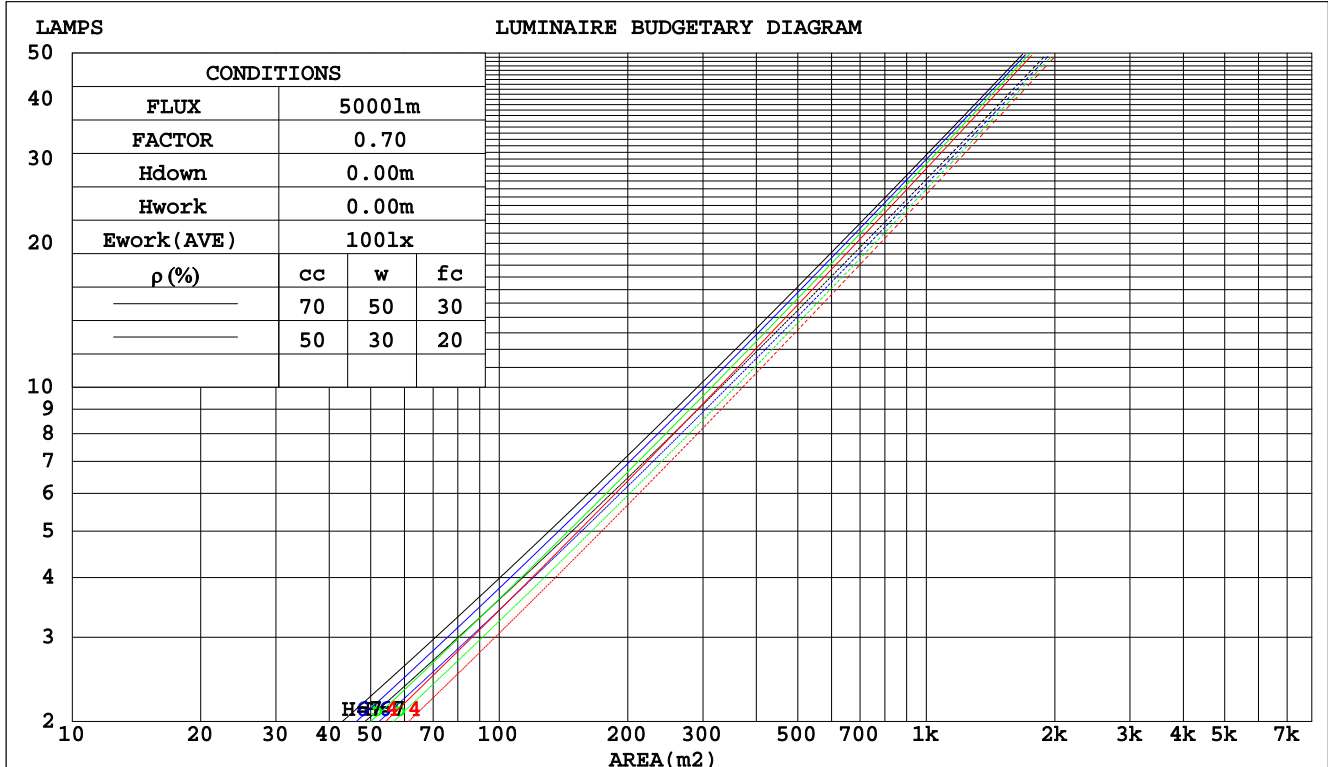
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	.00	.98	.97	.96	.95	.94	.92
2.0	1.04	.00	.97	1.02	.98	.96	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.90	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.86	.83	.80	.84	.82	.79	.78
5.0	.88	.82	.79	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.78	.74	.82	.78	.74	.81	.77	.73	.79	.75	.73	.78	.75	.72	.71
7.0	.80	.74	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.75	.71	.69	.68
8.0	.76	.71	.67	.76	.71	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.68	.64	.72	.68	.64	.71	.67	.64	.70	.66	.64	.69	.66	.63	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.67	.64	.61	.60



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.169	.096	.030	.162	.092	.029	.148	.085	.027	.135	.078	.025	.123	.071	.023	
2.0	.159	.087	.027	.153	.084	.026	.141	.078	.024	.130	.073	.023	.120	.068	.021	
3.0	.149	.079	.024	.144	.077	.023	.134	.073	.022	.125	.068	.021	.116	.064	.020	
4.0	.140	.073	.021	.136	.071	.021	.127	.067	.020	.119	.064	.019	.111	.061	.018	
5.0	.132	.067	.020	.128	.066	.019	.121	.063	.018	.114	.060	.018	.107	.057	.017	
6.0	.125	.063	.018	.122	.061	.018	.115	.059	.017	.109	.056	.017	.103	.054	.016	
7.0	.119	.059	.017	.116	.058	.016	.110	.055	.016	.104	.053	.016	.099	.051	.015	
8.0	.113	.055	.016	.110	.054	.015	.105	.052	.015	.100	.051	.015	.095	.049	.014	
9.0	.108	.052	.015	.105	.051	.014	.100	.050	.014	.096	.048	.014	.092	.047	.013	
10.0	.103	.049	.014	.101	.049	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.164	.162	.151	.141	.111	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.173	.151	.133	.148	.130	.115	.102	.090	.080	.059	.052	.047	.019	.017	.015	
3.0	.160	.132	.110	.137	.114	.095	.094	.079	.067	.054	.046	.039	.017	.015	.013	
4.0	.149	.117	.093	.128	.101	.081	.088	.071	.057	.051	.041	.034	.016	.013	.011	
5.0	.139	.105	.081	.120	.091	.070	.082	.064	.049	.048	.037	.029	.015	.012	.010	
6.0	.131	.096	.071	.113	.083	.062	.078	.058	.044	.045	.034	.026	.015	.011	.009	
7.0	.124	.088	.063	.107	.076	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.118	.082	.057	.101	.071	.050	.070	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.112	.076	.052	.097	.066	.045	.067	.047	.032	.039	.028	.019	.013	.009	.006	
10.0	.108	.072	.048	.093	.062	.042	.064	.044	.030	.038	.026	.018	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-01					TYPE:3000K CRI90			WEIGHT:1			
SPEC.:12V700mA					DIM.:			SERIAL No.:			
MFR.:					SUR.:38			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	20.4	21.2	20.7	21.4	21.6	20.8	21.6	21.0	21.8	22.0	
	3H	21.1	21.9	21.4	22.1	22.3	21.5	22.2	21.7	22.5	22.7
	4H	21.3	22.1	21.6	22.3	22.6	21.7	22.4	22.0	22.7	22.9
	6H	21.4	22.1	21.7	22.4	22.7	21.8	22.4	22.1	22.7	23.0
	8H	21.4	22.1	21.7	22.3	22.6	21.8	22.4	22.1	22.7	23.0
	12H	21.4	22.0	21.7	22.3	22.6	21.7	22.4	22.1	22.7	23.0
4H	2H	20.7	21.4	21.0	21.7	21.9	21.0	21.7	21.3	22.0	22.3
	3H	21.5	22.2	21.9	22.5	22.8	21.8	22.5	22.2	22.8	23.1
	4H	21.8	22.4	22.2	22.8	23.1	22.1	22.7	22.5	23.0	23.4
	6H	22.0	22.5	22.4	22.8	23.2	22.3	22.8	22.7	23.1	23.5
	8H	22.0	22.4	22.4	22.8	23.2	22.3	22.7	22.7	23.1	23.5
	12H	21.9	22.4	22.4	22.8	23.2	22.2	22.7	22.7	23.1	23.5
8H	4H	21.9	22.3	22.3	22.7	23.2	22.1	22.6	22.6	23.0	23.4
	6H	22.0	22.4	22.5	22.9	23.3	22.3	22.7	22.8	23.2	23.6
	8H	22.1	22.4	22.5	22.9	23.3	22.3	22.7	22.8	23.1	23.6
	12H	22.0	22.3	22.5	22.8	23.3	22.3	22.6	22.8	23.1	23.6
12H	4H	21.8	22.3	22.3	22.7	23.1	22.1	22.5	22.6	22.9	23.4
	6H	22.0	22.4	22.5	22.8	23.3	22.3	22.6	22.8	23.1	23.6
	8H	22.0	22.3	22.5	22.8	23.3	22.3	22.6	22.8	23.1	23.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.8					+ 0.7 / - 0.9					
1.5H	+ 0.8 / - 0.6					+ 1.0 / - 0.5					
2.0H	+ 1.0 / - 0.8					+ 1.2 / - 0.8					

CIE Pub.117, 484.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TL0010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## UTILIZATION FACTORS TABLE

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	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	83	77	73	70
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	92	100	95	91	97	93	90	85
1.50	104	99	95	102	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	105	101	107	103	100	103	100	98	91
3.00	110	107	104	108	105	102	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	111	109	112	109	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-31

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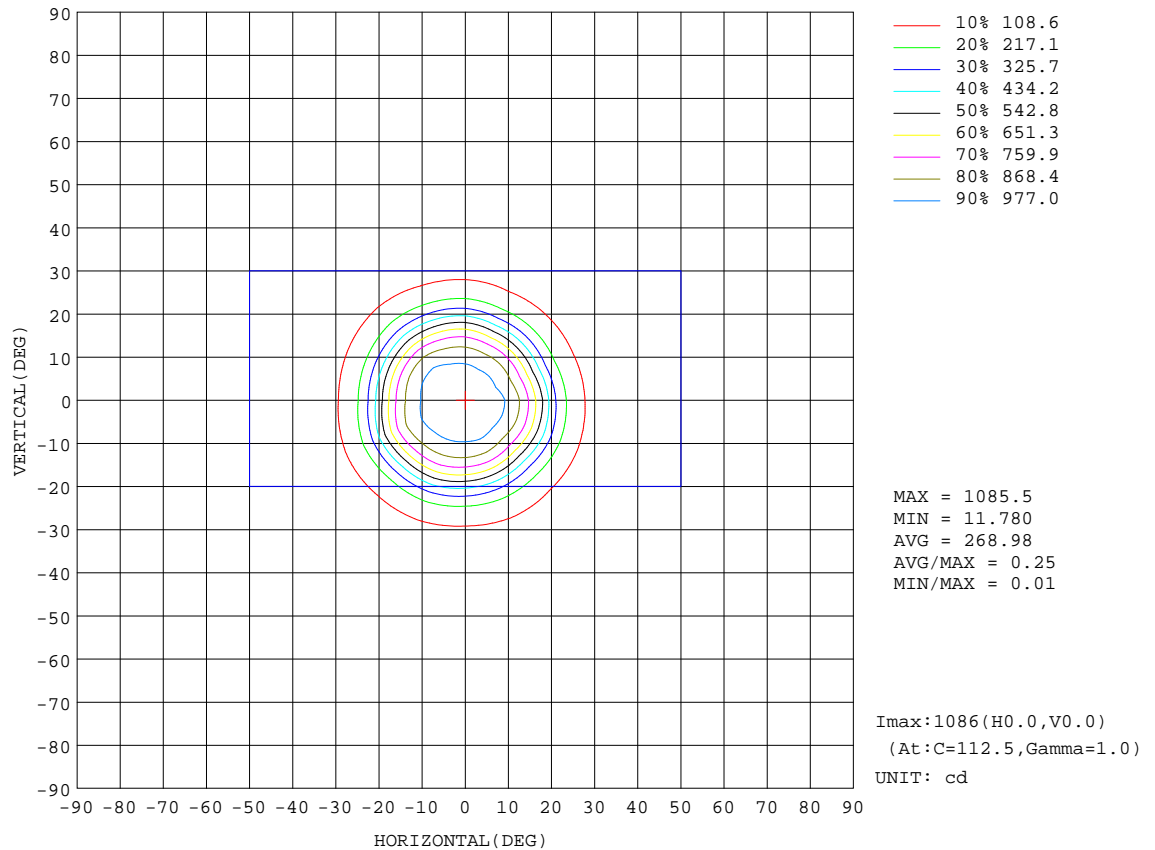
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

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TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



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C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
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γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

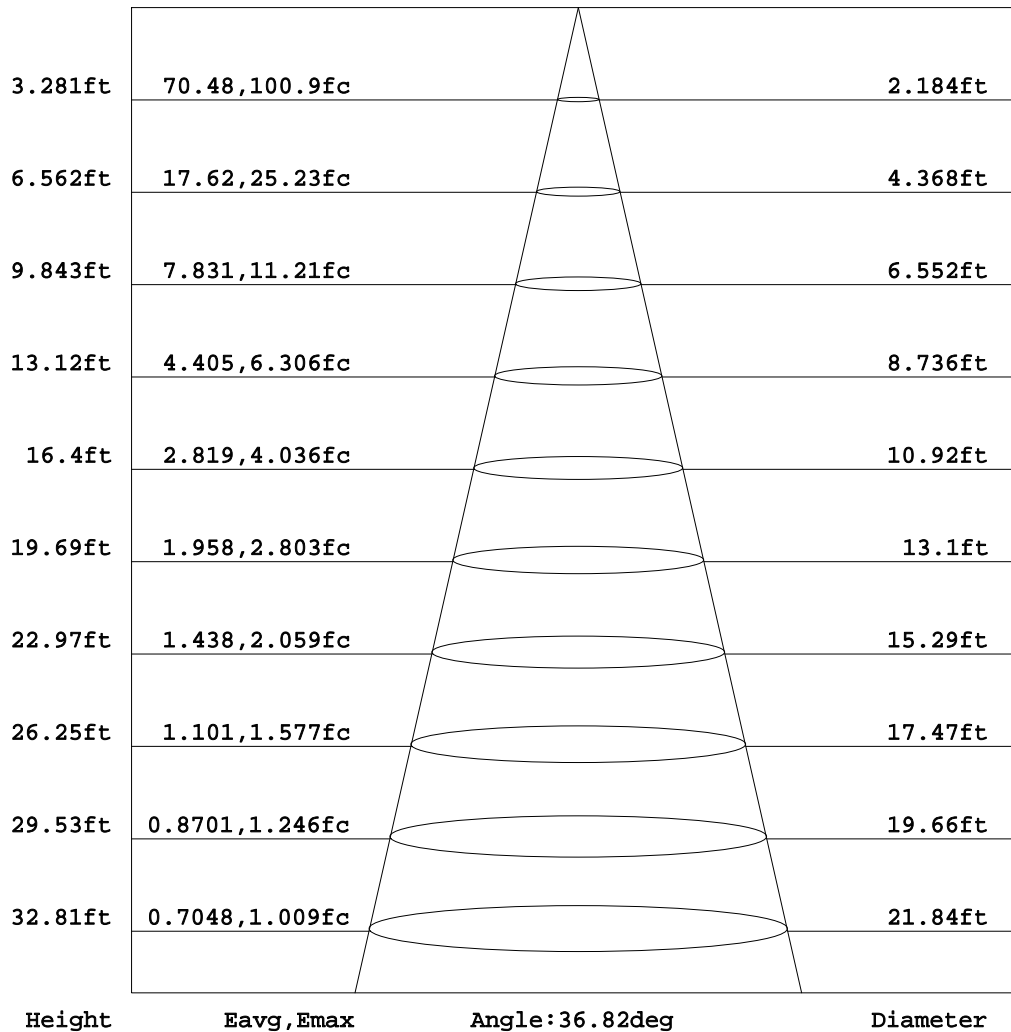


TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### AAI Figure

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

Flux out:282.6 lm



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

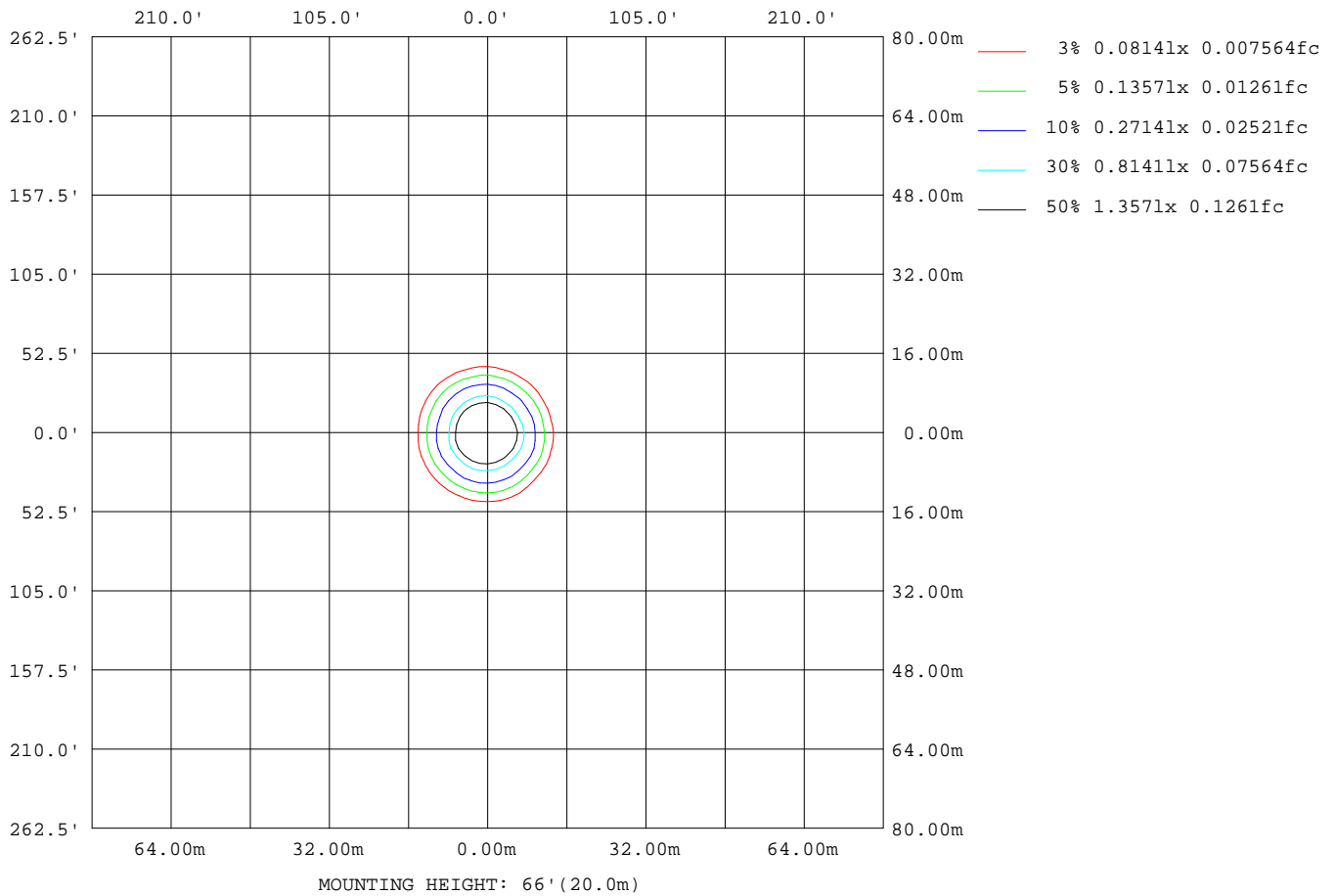
C Range: 0 - 360DEG  
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Test Speed: HIGH  
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γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### LED Avg.L Report

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

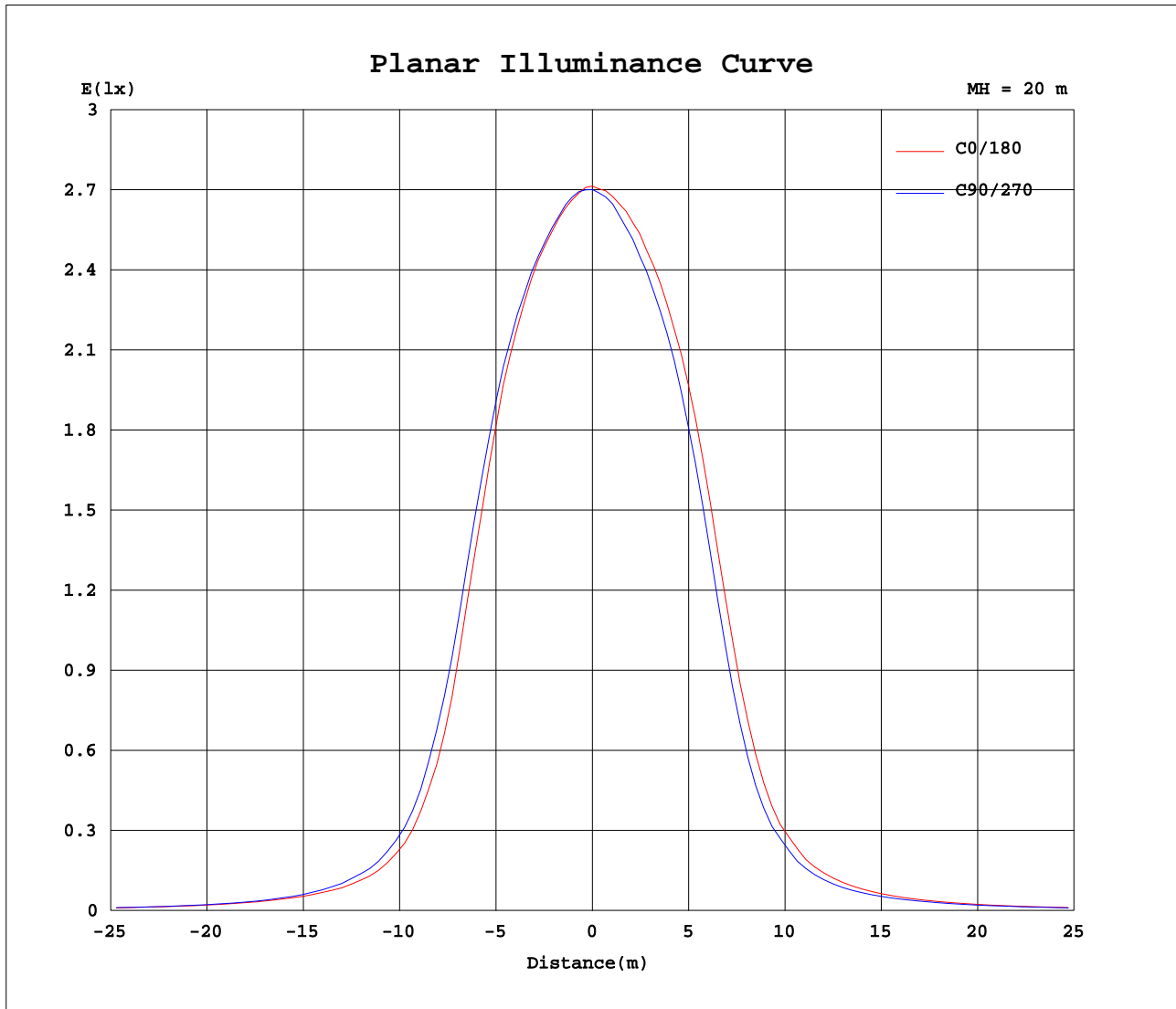
AvgL	cd/m2
L_0~180(65)av	16344
L_0~180(75)av	11174
L_0~180(85)av	3321
L_90~270(65)av	16126
L_90~270(75)av	11036
L_90~270(85)av	3418
L_45(65)av	16086
L_45(75)av	11079
L_45(85)av	3539

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: CJY  
Test Date: 2024-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)	0	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082	1082			
5	1045	1045	1049	1050	1053	1057	1060	1069	1056	1062	1058	1042	1037	1030	1031	1031			
10	951	951	957	950	966	969	979	985	1005	981	990	987	951	942	928	923	925		
15	738	738	753	737	766	788	819	831	866	815	816	812	763	744	697	691	684		
20	386	419	399	432	459	503	510	560	486	478	475	432	404	349	345	337			
25	162	179	172	193	201	222	219	244	209	205	204	181	170	146	149	144			
30	80.0	87.0	86.1	96.9	97.6	105	104	109	100	101	98.3	87.0	82.9	74.8	75.1	74.1			
35	49.3	49.6	50.8	56.9	57.0	59.3	61.7	62.3	58.4	59.4	58.1	51.4	48.8	45.8	46.2	44.9			
40	33.3	32.9	33.4	36.3	36.6	38.3	38.9	39.5	38.1	38.3	37.6	34.2	33.0	31.1	31.2	30.3			
45	23.7	23.6	23.6	25.1	25.4	26.7	26.7	27.4	26.4	26.4	25.8	24.2	23.4	22.3	22.2	22.0			
50	17.6	17.7	17.4	18.4	18.8	19.4	19.5	20.0	19.4	19.5	19.1	17.9	17.5	16.8	16.6	16.5			
55	13.3	13.5	13.3	13.8	14.2	14.6	14.7	15.1	14.6	14.7	14.4	13.6	13.5	12.8	12.7	12.6			
60	10.1	10.2	10.0	10.4	10.6	11.0	11.1	11.4	11.1	11.1	11.0	10.4	10.2	9.70	9.60	9.53			
65	7.47	7.57	7.33	7.60	7.83	8.19	8.28	8.55	8.19	8.19	8.14	7.74	7.61	7.20	7.05	6.98			
70	5.17	5.25	5.08	5.27	5.48	5.77	5.86	6.08	5.74	5.72	5.67	5.44	5.31	4.96	4.83	4.75			
75	3.05	3.11	3.02	3.18	3.31	3.63	3.72	3.90	3.51	3.50	3.53	3.32	3.16	2.85	2.73	2.69			
80	1.38	1.41	1.33	1.46	1.56	1.82	1.88	2.01	1.66	1.65	1.67	1.59	1.47	1.28	1.17	1.09			
85	0.28	0.30	0.28	0.30	0.35	0.46	0.50	0.57	0.38	0.37	0.40	0.36	0.33	0.32	0.22	0.19			
90	0.17	0.17	0.17	0.16	0.15	0.16	0.16	0.15	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14			
95	0.17	0.19	0.17	0.19	0.17	0.18	0.16	0.18	0.17	0.15	0.16	0.15	0.17	0.16	0.17	0.16			
100	0.21	0.23	0.21	0.22	0.20	0.21	0.20	0.21	0.20	0.18	0.20	0.18	0.21	0.20	0.20	0.20			
105	0.27	0.28	0.26	0.27	0.24	0.26	0.23	0.25	0.24	0.22	0.24	0.23	0.26	0.24	0.26	0.25			
110	0.34	0.35	0.33	0.33	0.31	0.32	0.29	0.31	0.31	0.28	0.31	0.30	0.33	0.31	0.34	0.32			
115	0.46	0.47	0.46	0.44	0.41	0.41	0.39	0.40	0.40	0.38	0.40	0.40	0.44	0.43	0.45	0.45			
120	0.71	0.71	0.70	0.66	0.62	0.59	0.57	0.57	0.58	0.57	0.58	0.61	0.65	0.67	0.69	0.70			
125	1.17	1.16	1.18	1.07	1.02	0.95	0.93	0.91	0.93	0.95	0.94	1.00	1.05	1.12	1.14	1.17			
130	1.87	1.85	1.86	1.74	1.67	1.56	1.53	1.50	1.53	1.56	1.54	1.64	1.69	1.79	1.83	1.87			
135	2.73	2.71	2.74	2.58	2.51	2.37	2.34	2.30	2.33	2.35	2.35	2.45	2.53	2.65	2.70	2.75			
140	3.73	3.68	3.72	3.56	3.48	3.33	3.30	3.24	3.27	3.31	3.29	3.42	3.50	3.65	3.69	3.72			
145	4.73	4.68	4.71	4.56	4.50	4.35	4.32	4.26	4.28	4.32	4.30	4.43	4.53	4.68	4.70	4.73			
150	5.61	5.57	5.61	5.50	5.48	5.34	5.30	5.25	5.27	5.29	5.28	5.40	5.50	5.61	5.60	5.62			
155	6.16	6.17	6.19	6.18	6.20	6.12	6.06	6.03	6.04	6.03	6.05	6.14	6.22	6.23	6.18	6.14			
160	6.22	6.23	6.31	6.34	6.41	6.42	6.39	6.37	6.32	6.32	6.36	6.41	6.40	6.35	6.23	6.17			
165	5.90	5.90	6.02	6.09	6.20	6.26	6.28	6.23	6.14	6.16	6.17	6.18	6.15	6.03	5.89	5.81			
170	5.44	5.44	5.46	5.59	5.74	5.79	5.84	5.85	5.75	5.78	5.73	5.67	5.60	5.52	5.38	5.34			
175	5.09	5.10	5.19	5.25	5.30	5.35	5.47	5.41	5.33	5.39	5.43	5.32	5.23	5.24	5.17	5.04			
180	5.20	5.21	5.28	5.24	5.26	5.24	5.31	5.18	5.20	5.21	5.28	5.24	5.26	5.23	5.31	5.17			

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