

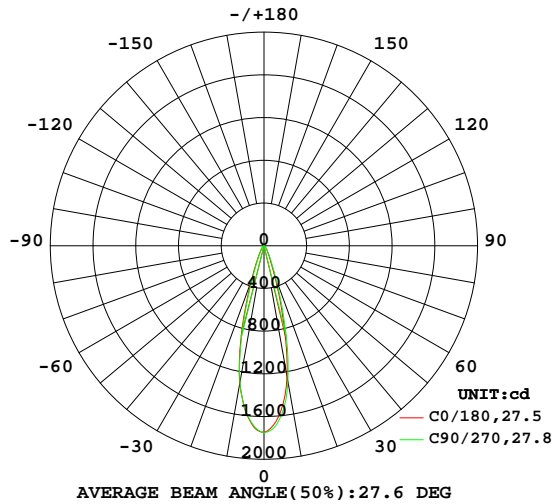
TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

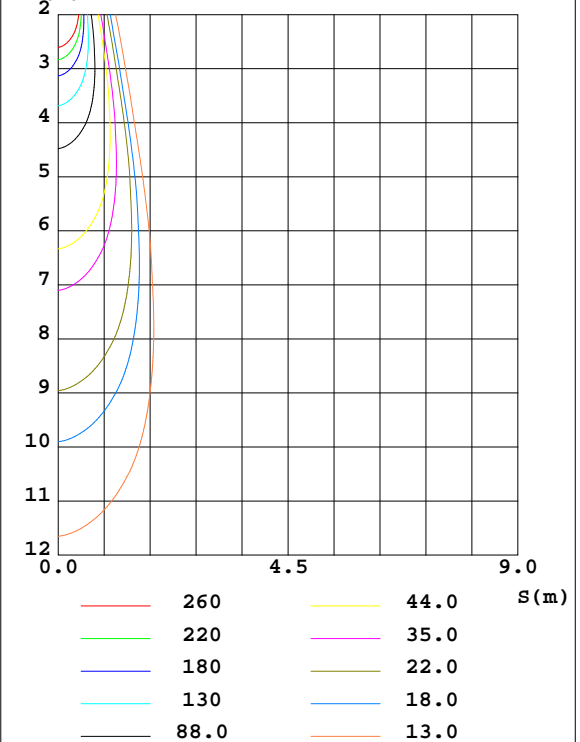
NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.26 lm/W			
MODEL	XHP35A-H-30H-D0-U-01	Imax(cd)	1758	S/MH(C0/180)	0.46
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	492.12	$\eta$ UP,DN(C0-180)	1.2,50.5
NOMINAL FLUX(lm)	492.12	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.2,47.0
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	$\eta$ down(%)	97.6	CIBSE SHR MAX	1.00

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

$\gamma$  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

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	1243	1207	1293	1378	1309	1270	1299	1121	0- 10	143.6	143.6	29.2,29.2
20	271.7	272.5	325.7	351.7	350.0	308.0	305.1	219.0	10- 20	194.3	337.9	68.7,68.7
30	71.82	69.72	83.88	84.48	83.91	82.90	73.49	64.85	20- 30	70.46	408.3	83,83
40	30.41	30.76	33.78	35.90	35.05	33.74	30.82	28.31	30- 40	31.09	439.4	89.3,89.3
50	16.99	16.45	17.99	18.80	18.43	18.01	16.95	15.74	40- 50	18.39	457.8	93,93
60	9.351	9.145	9.716	10.44	10.23	10.13	9.567	8.912	50- 60	11.86	469.7	95.4,95.4
70	4.508	4.443	4.632	5.258	4.973	5.081	4.711	4.217	60- 70	7.009	476.7	96.9,96.9
80	1.116	1.086	1.269	1.585	1.414	1.466	1.295	1.029	70- 80	3.026	479.7	97.5,97.5
90	0.1568	0.1544	0.1484	0.1608	0.1313	0.1302	0.1395	0.1420	80- 90	0.4886	480.2	97.6,97.6
100	0.2034	0.2029	0.1992	0.1885	0.1992	0.1942	0.2082	0.2131	90-100	0.1830	480.4	97.6,97.6
110	0.3170	0.3153	0.3009	0.2794	0.2976	0.2914	0.3101	0.3218	100-110	0.2610	480.7	97.7,97.7
120	0.6075	0.5995	0.5398	0.4944	0.5057	0.5035	0.5607	0.5906	110-120	0.3986	481.1	97.8,97.8
130	1.624	1.642	1.464	1.316	1.327	1.330	1.492	1.631	120-130	0.8144	481.9	97.9,97.9
140	3.855	3.900	3.632	3.433	3.372	3.405	3.637	3.846	130-140	1.893	483.8	98.3,98.3
150	6.105	6.136	5.987	5.790	5.781	5.794	6.016	6.129	140-150	3.015	486.8	98.9,98.9
160	6.670	6.787	6.897	6.875	6.816	6.870	6.921	6.657	150-160	3.027	489.8	99.5,99.5
170	5.394	5.436	5.783	5.907	5.821	5.838	5.624	5.305	160-170	1.820	491.6	99.9,99.9
180	4.543	4.702	4.670	4.725	4.559	4.713	4.670	4.721	170-180	0.4914	492.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

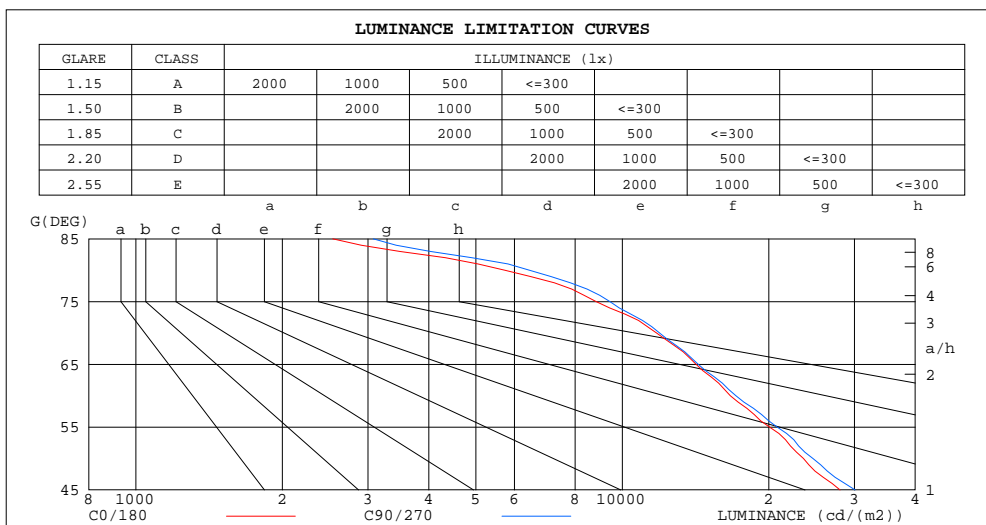
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:CJY  
Test Date:2024-08-31

$\gamma$  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

## 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

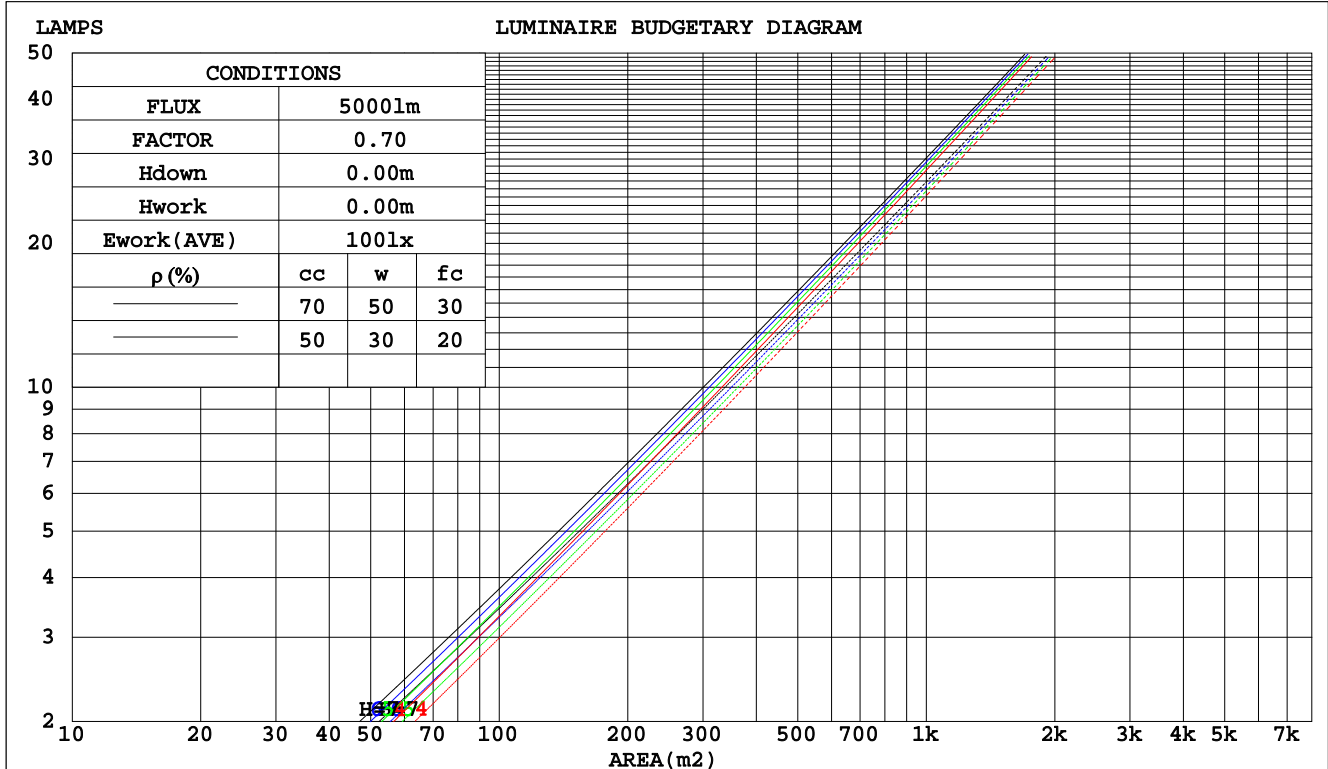
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

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	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.91	.98	.94	.91	.95	.91	.89	.92	.89	.87	.90	.87	.86	.84
4.0	.94	.90	.86	.93	.89	.85	.91	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.90	.85	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.81	.78	.77
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.71
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.73	.70	.68	.67
10.0	.74	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.71	.68	.66	.65



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	.160	.091	.029	.152	.087	.028	.138	.079	.025	.126	.072	.023	.114	.066	.021	
2.0	.150	.082	.025	.143	.079	.024	.132	.073	.023	.121	.068	.021	.111	.063	.020	
3.0	.140	.074	.022	.135	.072	.022	.125	.068	.021	.115	.063	.019	.107	.059	.018	
4.0	.131	.068	.020	.126	.066	.020	.118	.063	.019	.110	.059	.018	.102	.056	.017	
5.0	.123	.063	.018	.119	.061	.018	.112	.058	.017	.105	.055	.016	.098	.053	.016	
6.0	.116	.058	.017	.113	.057	.016	.106	.054	.016	.100	.052	.015	.094	.050	.015	
7.0	.110	.054	.015	.107	.053	.015	.101	.051	.015	.096	.049	.014	.091	.047	.014	
8.0	.104	.051	.014	.102	.050	.014	.096	.048	.014	.092	.046	.013	.087	.045	.013	
9.0	.099	.048	.013	.097	.047	.013	.092	.046	.013	.088	.044	.013	.084	.043	.012	
10.0	.095	.045	.013	.093	.045	.012	.088	.043	.012	.085	.042	.012	.081	.041	.012	

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.165	.161	.151	.142	.110	.104	.098	.064	.060	.057	.020	.019	.018	
2.0	.172	.151	.134	.147	.130	.116	.101	.090	.081	.058	.052	.047	.019	.017	.015	
3.0	.158	.132	.112	.136	.114	.097	.093	.079	.068	.054	.046	.040	.017	.015	.013	
4.0	.147	.117	.095	.126	.101	.082	.087	.071	.058	.050	.041	.034	.016	.013	.011	
5.0	.137	.105	.082	.117	.091	.071	.081	.064	.050	.047	.037	.030	.015	.012	.010	
6.0	.128	.096	.072	.110	.083	.063	.076	.058	.044	.044	.034	.026	.014	.011	.009	
7.0	.121	.088	.064	.104	.076	.056	.072	.053	.040	.042	.031	.024	.013	.010	.008	
8.0	.115	.081	.058	.099	.070	.051	.068	.049	.036	.040	.029	.021	.013	.010	.007	
9.0	.109	.076	.053	.094	.066	.046	.065	.046	.033	.038	.027	.020	.012	.009	.007	
10.0	.104	.071	.049	.090	.062	.043	.062	.043	.030	.036	.026	.018	.012	.008	.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		19.9	20.6	20.1	20.8	21.0	20.1	20.8	20.3	21.0	21.2
3H		20.5	21.2	20.8	21.5	21.7	20.7	21.4	21.0	21.6	21.9
4H		20.7	21.4	21.0	21.6	21.9	20.9	21.5	21.2	21.8	22.1
6H		20.7	21.4	21.1	21.7	21.9	20.9	21.6	21.3	21.9	22.1
8H		20.7	21.3	21.1	21.6	21.9	20.9	21.5	21.3	21.8	22.1
12H		20.7	21.3	21.0	21.6	21.9	20.9	21.5	21.2	21.8	22.1
4H 2H		20.1	20.8	20.4	21.1	21.3	20.3	21.0	20.6	21.2	21.5
3H		20.9	21.5	21.3	21.8	22.1	21.1	21.6	21.4	21.9	22.3
4H		21.1	21.7	21.5	22.0	22.4	21.3	21.8	21.7	22.2	22.5
6H		21.2	21.7	21.6	22.1	22.5	21.4	21.9	21.8	22.3	22.7
8H		21.2	21.6	21.6	22.0	22.5	21.4	21.8	21.8	22.2	22.6
12H		21.2	21.6	21.6	22.0	22.4	21.4	21.8	21.8	22.2	22.6
8H 4H		21.1	21.6	21.6	22.0	22.4	21.3	21.7	21.7	22.1	22.6
6H		21.3	21.6	21.7	22.1	22.5	21.5	21.8	21.9	22.3	22.7
8H		21.3	21.6	21.7	22.0	22.5	21.5	21.8	21.9	22.2	22.7
12H		21.2	21.5	21.7	22.0	22.5	21.4	21.7	21.9	22.2	22.7
12H 4H		21.1	21.5	21.6	21.9	22.4	21.3	21.7	21.7	22.1	22.5
6H		21.2	21.6	21.7	22.0	22.5	21.4	21.7	21.9	22.2	22.7
8H		21.2	21.5	21.7	22.0	22.5	21.4	21.7	21.9	22.2	22.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.9					+ 0.6 / - 0.9				
1.5H		+ 0.8 / - 0.5					+ 1.0 / - 0.5				
2.0H		+ 1.2 / - 0.9					+ 1.3 / - 0.9				

CIE Pub.117, 492.1 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -2.5$ )

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:

TLO010-01 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) x RCR = 5									
k = 0.60	85	78	74	84	78	74	83	78	74	70
0.80	92	86	82	92	86	82	90	85	82	78
1.00	97	91	87	96	91	87	94	90	86	82
1.25	101	96	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	105	102	107	103	100	103	101	98	92
3.00	110	107	104	108	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										

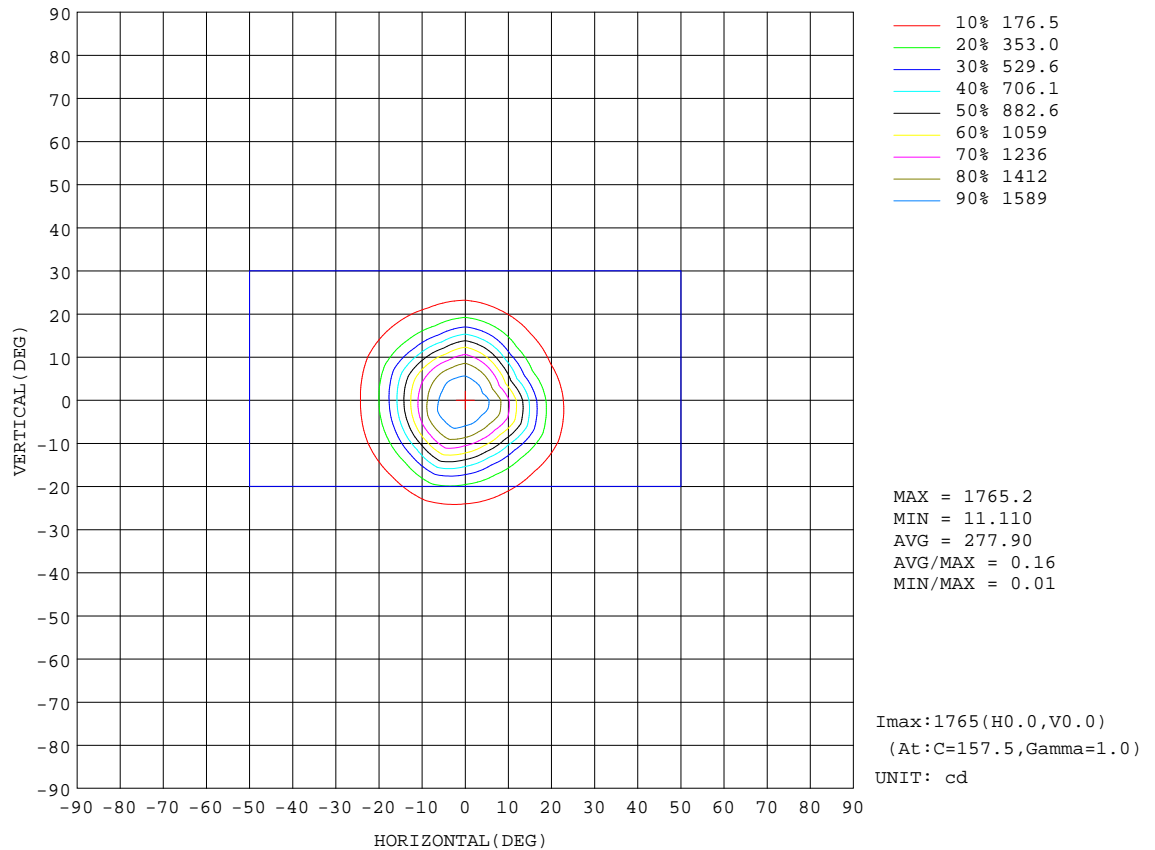
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C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
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Test Date:2024-08-31

$\gamma$  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

### 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  
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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:

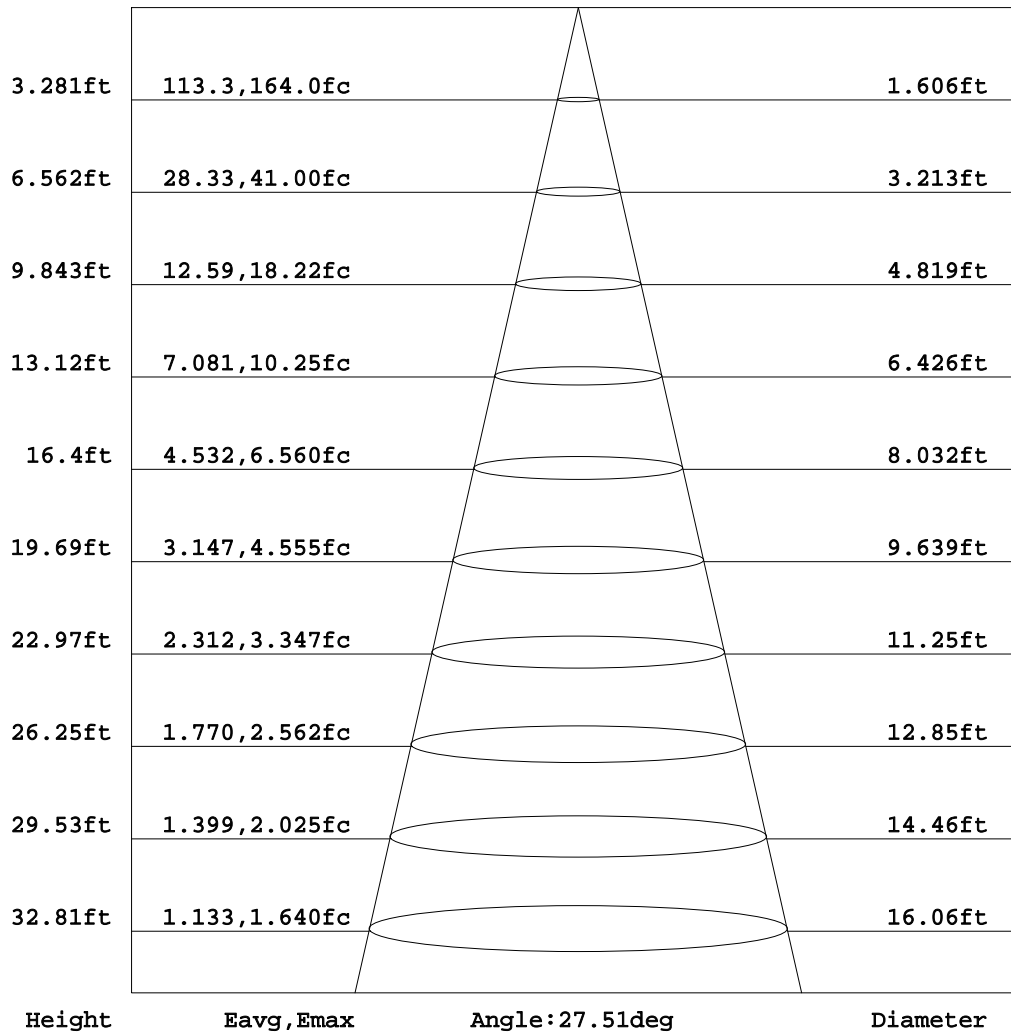


TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 27.6D 3000K CRI90 NA

### AAI Figure

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

Flux out:238.2 lm



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

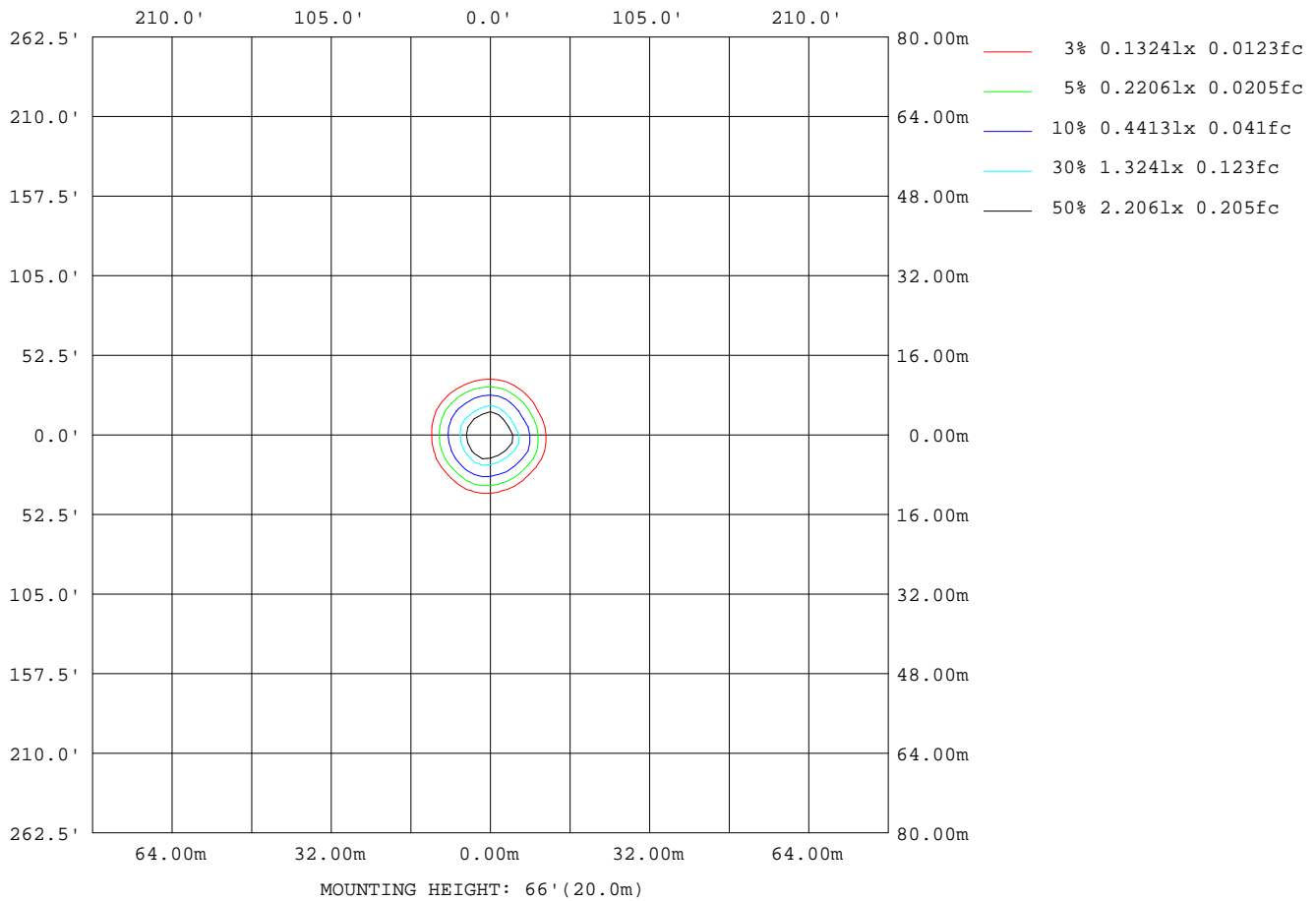
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Test Speed: HIGH  
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γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]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

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

### 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  
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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:

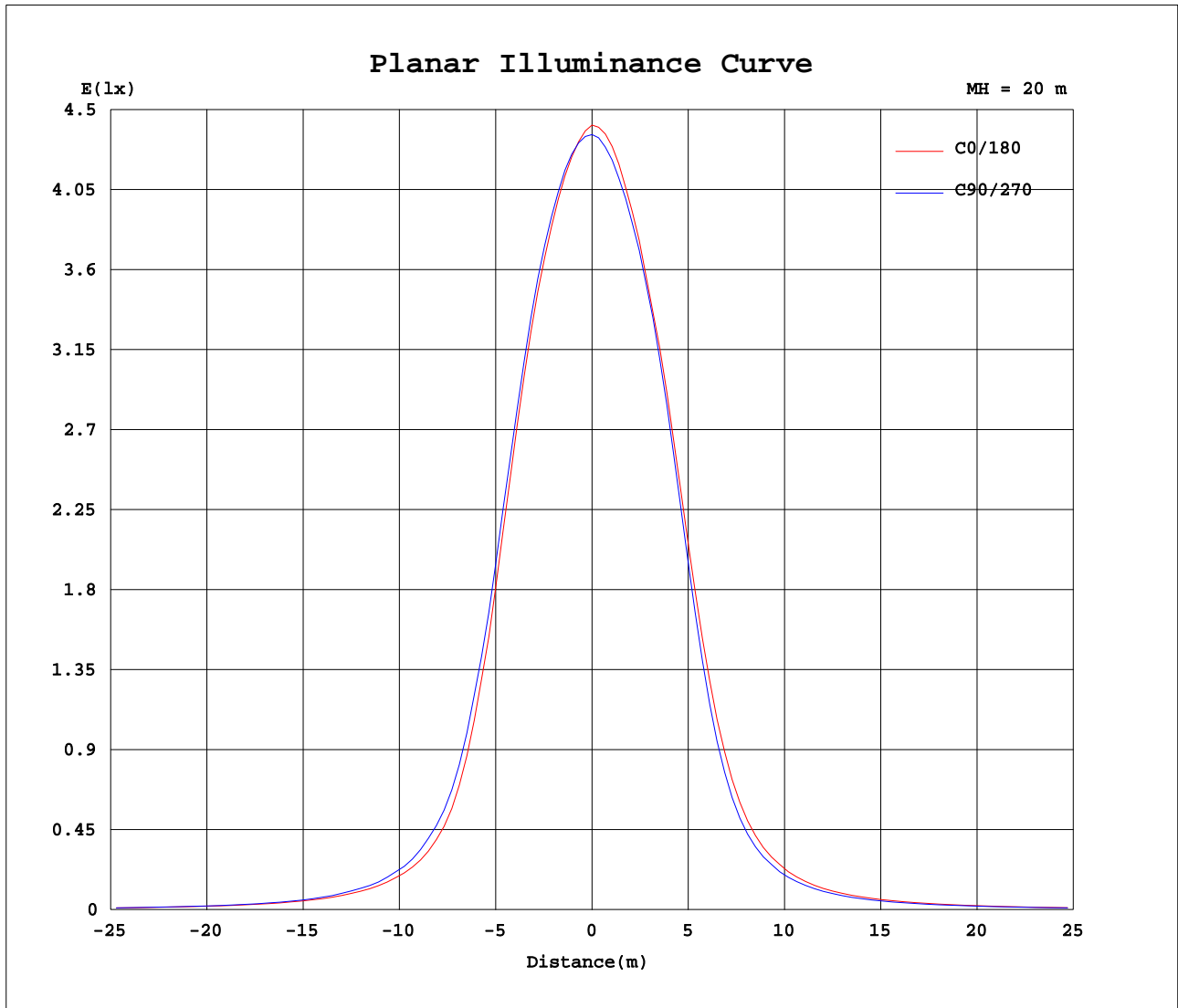
AvgL	cd/m2
L_0~180(65)av	14719
L_0~180(75)av	9393
L_0~180(85)av	2846
L_90~270(65)av	14401
L_90~270(75)av	9394
L_90~270(85)av	3194
L_45(65)av	14638
L_45(75)av	9560
L_45(85)av	2998

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(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	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748	1748			
5	1601	1613	1593	1618	1638	1682	1677	1685	1628	1617	1634	1618	1622	1592	1579	1558			
10	1243	1290	1207	1217	1293	1407	1378	1368	1309	1300	1270	1242	1299	1211	1121	1077			
15	674	761	635	636	743	917	821	803	788	809	711	655	745	635	519	513			
20	272	321	273	283	326	411	352	353	350	367	308	276	305	259	219	216			
25	127	143	129	143	153	175	159	166	158	166	151	134	137	122	113	111			
30	71.8	75.2	69.7	76.1	83.9	91.6	84.5	88.8	83.9	90.7	82.9	72.8	73.5	69.9	64.8	63.4			
35	44.7	46.8	43.8	47.6	51.4	55.5	53.1	54.1	51.6	54.0	50.1	45.1	45.1	44.2	40.8	39.9			
40	30.4	31.5	30.8	32.5	33.8	36.1	35.9	36.5	35.1	34.7	33.7	31.3	30.8	30.0	28.3	28.4			
45	22.2	22.9	22.3	23.7	24.2	25.4	25.6	26.2	24.9	24.5	24.5	23.0	22.6	21.5	20.8	21.0			
50	17.0	17.0	16.5	17.4	18.0	18.7	18.8	19.4	18.4	18.1	18.0	17.2	17.0	16.1	15.7	15.8			
55	12.9	12.8	12.3	13.0	13.6	14.1	14.0	14.5	14.1	13.6	13.6	13.0	12.9	12.1	11.9	11.9			
60	9.35	9.52	9.14	9.64	9.72	10.4	10.4	10.8	10.2	10.0	10.1	9.82	9.57	8.99	8.91	8.90			
65	6.72	6.82	6.57	6.93	6.87	7.48	7.58	7.94	7.37	7.12	7.41	7.15	6.92	6.50	6.47	6.44			
70	4.51	4.56	4.44	4.63	4.63	5.13	5.26	5.52	4.97	4.81	5.08	4.85	4.71	4.33	4.22	4.23			
75	2.57	2.60	2.57	2.75	2.77	3.10	3.21	3.43	2.94	2.86	3.01	2.85	2.74	2.45	2.42	2.34			
80	1.12	1.17	1.09	1.25	1.27	1.52	1.58	1.73	1.41	1.36	1.47	1.34	1.29	1.04	1.03	0.92			
85	0.25	0.25	0.23	0.26	0.30	0.38	0.41	0.47	0.31	0.32	0.35	0.33	0.33	0.22	0.19	0.18			
90	0.16	0.16	0.15	0.16	0.15	0.16	0.16	0.15	0.13	0.13	0.13	0.16	0.14	0.13	0.14	0.13			
95	0.17	0.19	0.17	0.18	0.17	0.18	0.16	0.17	0.16	0.15	0.16	0.15	0.17	0.16	0.18	0.16			
100	0.20	0.22	0.20	0.22	0.20	0.21	0.19	0.20	0.20	0.18	0.19	0.18	0.21	0.20	0.21	0.20			
105	0.25	0.27	0.25	0.26	0.24	0.25	0.23	0.24	0.24	0.22	0.24	0.23	0.25	0.24	0.26	0.24			
110	0.32	0.34	0.32	0.32	0.30	0.31	0.28	0.30	0.30	0.27	0.29	0.28	0.31	0.31	0.32	0.31			
115	0.42	0.44	0.41	0.41	0.38	0.39	0.36	0.37	0.37	0.36	0.37	0.37	0.40	0.40	0.42	0.41			
120	0.61	0.61	0.60	0.56	0.54	0.53	0.49	0.51	0.51	0.50	0.50	0.52	0.56	0.58	0.59	0.58			
125	0.97	0.96	0.96	0.88	0.86	0.80	0.76	0.75	0.78	0.79	0.77	0.81	0.88	0.94	0.94	0.95			
130	1.62	1.61	1.64	1.54	1.46	1.36	1.32	1.28	1.33	1.35	1.33	1.42	1.49	1.61	1.63	1.66			
135	2.62	2.58	2.67	2.53	2.42	2.25	2.25	2.19	2.21	2.22	2.24	2.38	2.44	2.57	2.64	2.70			
140	3.86	3.81	3.90	3.72	3.63	3.42	3.43	3.35	3.37	3.42	3.41	3.56	3.64	3.80	3.85	3.91			
145	5.09	5.06	5.12	4.94	4.89	4.70	4.66	4.58	4.64	4.69	4.65	4.79	4.90	5.08	5.08	5.14			
150	6.11	6.08	6.14	6.02	5.99	5.84	5.79	5.73	5.78	5.82	5.79	5.92	6.02	6.15	6.13	6.15			
155	6.66	6.67	6.71	6.72	6.70	6.62	6.59	6.56	6.57	6.58	6.61	6.70	6.75	6.75	6.71	6.68			
160	6.67	6.69	6.79	6.85	6.90	6.87	6.88	6.87	6.82	6.82	6.87	6.95	6.92	6.82	6.66	6.63			
165	6.16	6.20	6.34	6.45	6.54	6.61	6.63	6.60	6.50	6.51	6.58	6.60	6.52	6.31	6.12	6.03			
170	5.39	5.44	5.44	5.62	5.78	5.89	5.91	5.95	5.82	5.88	5.84	5.75	5.62	5.47	5.30	5.23			
175	4.67	4.67	4.74	4.86	4.95	5.04	5.16	5.13	4.98	5.09	5.15	5.00	4.84	4.80	4.70	4.53			
180	4.54	4.56	4.70	4.67	4.67	4.62	4.73	4.59	4.56	4.56	4.71	4.67	4.67	4.62	4.72	4.58			

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