

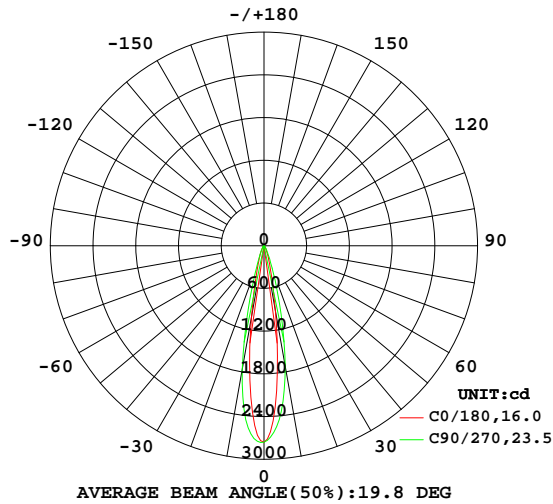
TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 19.8D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

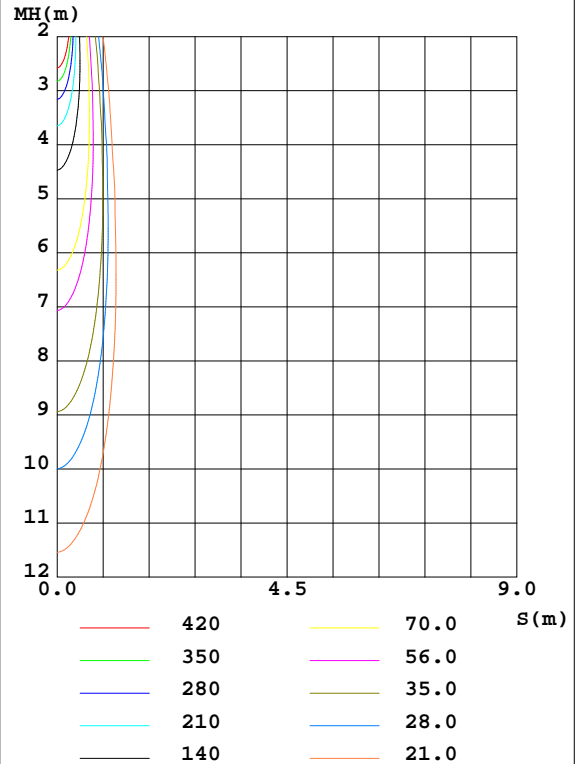
NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 45.06 lm/W			
MODEL	XHP35A-H-30H-D0-U-01	Imax(cd)	2786	S/MH(C0/180)	0.28
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	507.18	η UP,DN(C0-180)	1.2,51.2
NOMINAL FLUX(lm)	507.183	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,46.3
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η 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

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 19.8D 3000K CRI90 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	924.6	838.4	1723	2070	1016	1034	1765	1528	0- 10	187.5	187.5	37,37
20	178.9	168.2	335.1	398.9	205.8	207.5	273.0	261.3	10- 20	174.7	362.1	71.4,71.4
30	58.27	57.15	82.26	93.83	66.73	64.99	75.05	71.46	20- 30	61.42	423.6	83.5,83.5
40	29.02	28.70	35.58	38.67	31.88	30.93	32.55	31.07	30- 40	29.88	453.4	89.4,89.4
50	16.53	16.65	19.23	20.76	18.03	17.49	18.40	17.63	40- 50	18.74	472.2	93.1,93.1
60	8.955	9.077	10.52	11.31	9.901	9.419	10.10	9.622	50- 60	12.12	484.3	95.5,95.5
70	4.101	4.042	5.320	5.755	4.490	4.245	4.931	4.662	60- 70	7.030	491.3	96.9,96.9
80	1.087	1.069	1.560	1.785	1.269	1.201	1.306	1.143	70- 80	3.015	494.4	97.5,97.5
90	0.1689	0.1537	0.1531	0.1556	0.1286	0.1323	0.1465	0.1445	80- 90	0.5164	494.9	97.6,97.6
100	0.2089	0.2027	0.2019	0.1975	0.2027	0.2029	0.2242	0.2289	90-100	0.1878	495.1	97.6,97.6
110	0.3091	0.3040	0.3104	0.3041	0.2963	0.2977	0.3329	0.3422	100-110	0.2699	495.3	97.7,97.7
120	0.5244	0.5022	0.5452	0.5194	0.4576	0.4565	0.5795	0.6092	110-120	0.3936	495.7	97.7,97.7
130	1.305	1.235	1.500	1.395	1.036	1.035	1.611	1.713	120-130	0.7454	496.5	97.9,97.9
140	4.027	3.934	3.801	3.604	3.447	3.493	3.981	4.146	130-140	1.863	498.3	98.3,98.3
150	6.608	6.637	6.260	6.071	6.353	6.414	6.413	6.461	140-150	3.238	501.6	98.9,98.9
160	7.287	7.331	7.212	7.086	7.415	7.481	7.271	6.767	150-160	3.218	504.8	99.5,99.5
170	5.580	5.681	5.728	5.791	6.132	6.272	5.650	4.998	160-170	1.917	506.7	99.9,99.9
180	4.133	4.243	4.355	4.369	4.149	4.254	4.359	4.378	170-180	0.4796	507.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

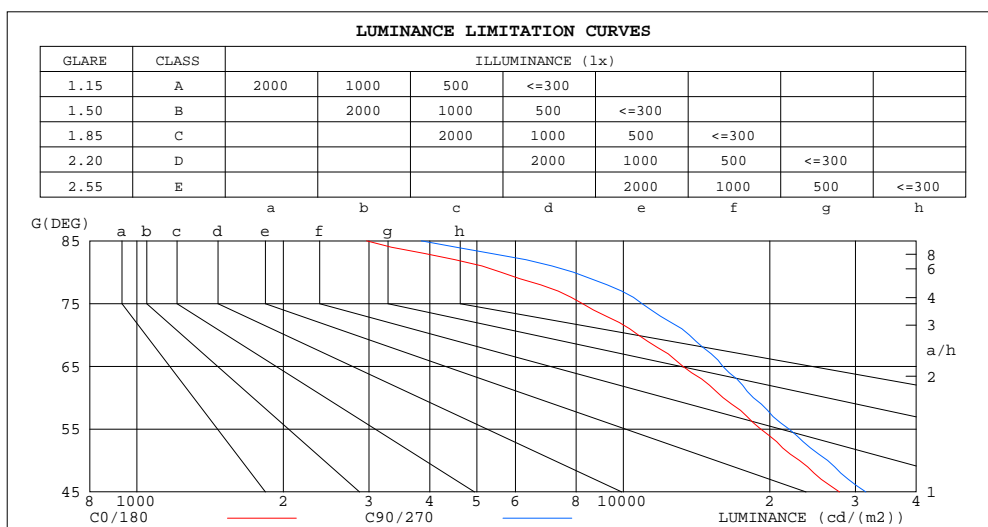
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-31

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 19.8D 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

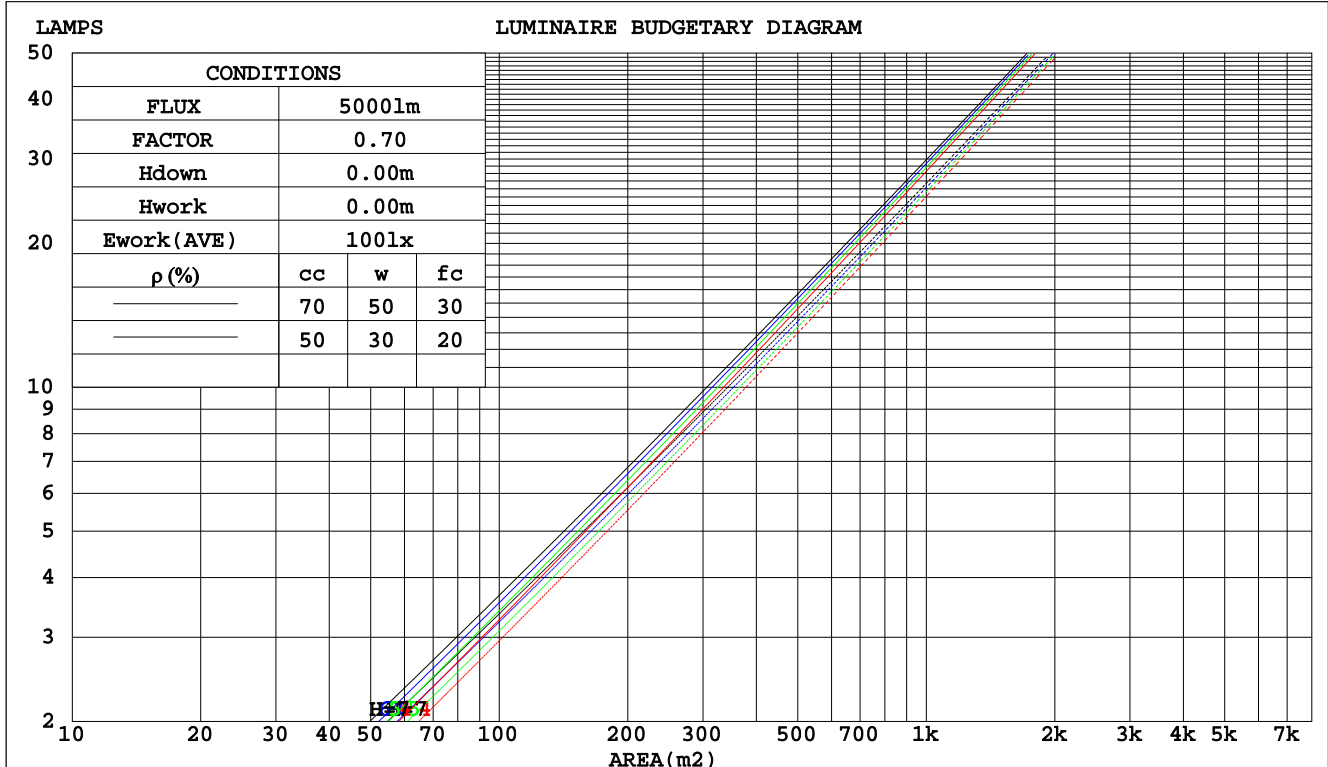
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 19.8D 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:

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						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	1.05	1.03	1.02	1.01	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.00	.96	.93	.98	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.87	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.87	.84	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.83	.80	.85	.82	.79	.84	.81	.78	.83	.80	.78	.76
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.80	.77	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68



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 19.8D 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	.154	.088	.028	.147	.084	.027	.133	.076	.024	.120	.069	.022	.108	.063	.020		
2.0	.144	.079	.024	.138	.076	.023	.126	.070	.022	.115	.065	.020	.105	.060	.019		
3.0	.134	.071	.021	.129	.069	.021	.119	.064	.020	.110	.060	.018	.101	.056	.017		
4.0	.125	.065	.019	.121	.063	.019	.112	.060	.018	.104	.056	.017	.097	.053	.016		
5.0	.117	.060	.017	.114	.058	.017	.106	.055	.016	.099	.052	.016	.093	.050	.015		
6.0	.110	.055	.016	.107	.054	.016	.101	.052	.015	.095	.049	.014	.089	.047	.014		
7.0	.104	.052	.015	.101	.050	.014	.096	.048	.014	.090	.046	.013	.085	.044	.013		
8.0	.099	.048	.014	.096	.047	.013	.091	.046	.013	.086	.044	.013	.082	.042	.012		
9.0	.094	.045	.013	.091	.045	.013	.087	.043	.012	.083	.041	.012	.079	.040	.012		
10.0	.089	.043	.012	.087	.042	.012	.083	.041	.011	.079	.039	.011	.076	.038	.011		

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	.188	.176	.165	.161	.151	.142	.110	.104	.098	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.147	.130	.116	.101	.090	.081	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.112	.135	.114	.097	.093	.079	.068	.053	.046	.040	.017	.015	.013	
4.0	.145	.117	.096	.125	.101	.083	.086	.071	.059	.050	.041	.035	.016	.013	.011	
5.0	.135	.105	.083	.116	.091	.072	.080	.064	.051	.046	.037	.030	.015	.012	.010	
6.0	.126	.095	.073	.109	.083	.064	.075	.058	.045	.043	.034	.027	.014	.011	.009	
7.0	.119	.087	.065	.102	.076	.057	.071	.053	.040	.041	.031	.024	.013	.010	.008	
8.0	.112	.081	.059	.097	.070	.051	.067	.049	.036	.039	.029	.022	.013	.010	.007	
9.0	.107	.075	.054	.092	.065	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
10.0	.101	.070	.050	.087	.061	.043	.061	.043	.031	.035	.025	.018	.011	.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 19.8D 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		19.3	20.0	19.5	20.2	20.4	19.9	20.7	20.2	20.9	21.0
3H		19.9	20.5	20.2	20.8	21.0	20.7	21.3	20.9	21.6	21.8
4H		20.0	20.7	20.3	20.9	21.2	20.9	21.5	21.2	21.8	22.0
6H		20.1	20.7	20.4	21.0	21.2	21.0	21.6	21.3	21.9	22.2
8H		20.1	20.6	20.4	20.9	21.2	21.0	21.6	21.3	21.9	22.2
12H		20.0	20.6	20.4	20.9	21.2	21.0	21.5	21.3	21.8	22.1
4H 2H		19.6	20.2	19.9	20.5	20.7	20.1	20.8	20.4	21.0	21.3
3H		20.3	20.8	20.6	21.1	21.4	21.0	21.5	21.3	21.8	22.2
4H		20.5	21.0	20.8	21.3	21.7	21.3	21.8	21.6	22.1	22.5
6H		20.6	21.0	21.0	21.4	21.8	21.4	21.9	21.8	22.2	22.6
8H		20.5	21.0	21.0	21.4	21.8	21.4	21.9	21.9	22.2	22.7
12H		20.5	20.9	21.0	21.3	21.7	21.4	21.8	21.8	22.2	22.6
8H 4H		20.5	20.9	20.9	21.3	21.7	21.2	21.7	21.7	22.1	22.5
6H		20.6	21.0	21.1	21.4	21.9	21.4	21.8	21.9	22.2	22.7
8H		20.6	20.9	21.1	21.4	21.9	21.5	21.8	21.9	22.2	22.7
12H		20.6	20.8	21.1	21.3	21.8	21.4	21.7	21.9	22.2	22.7
12H 4H		20.4	20.8	20.9	21.2	21.7	21.2	21.6	21.6	22.0	22.4
6H		20.6	20.9	21.1	21.3	21.8	21.4	21.7	21.9	22.2	22.7
8H		20.6	20.8	21.1	21.3	21.8	21.4	21.7	21.9	22.2	22.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.8					+ 0.7 / - 0.8				
1.5H		+ 0.5 / - 0.5					+ 1.1 / - 0.5				
2.0H		+ 1.2 / - 1.1					+ 1.3 / - 1.0				

CIE Pub.117, 507.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)

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 19.8D 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	93	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	92	98	94	91	86
1.50	104	99	95	103	98	95	100	96	93	88
2.00	107	103	99	105	101	98	102	99	96	91
2.50	109	105	102	107	103	101	103	101	98	92
3.00	111	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				Suspended				SHR _{NOM} = 1.25		

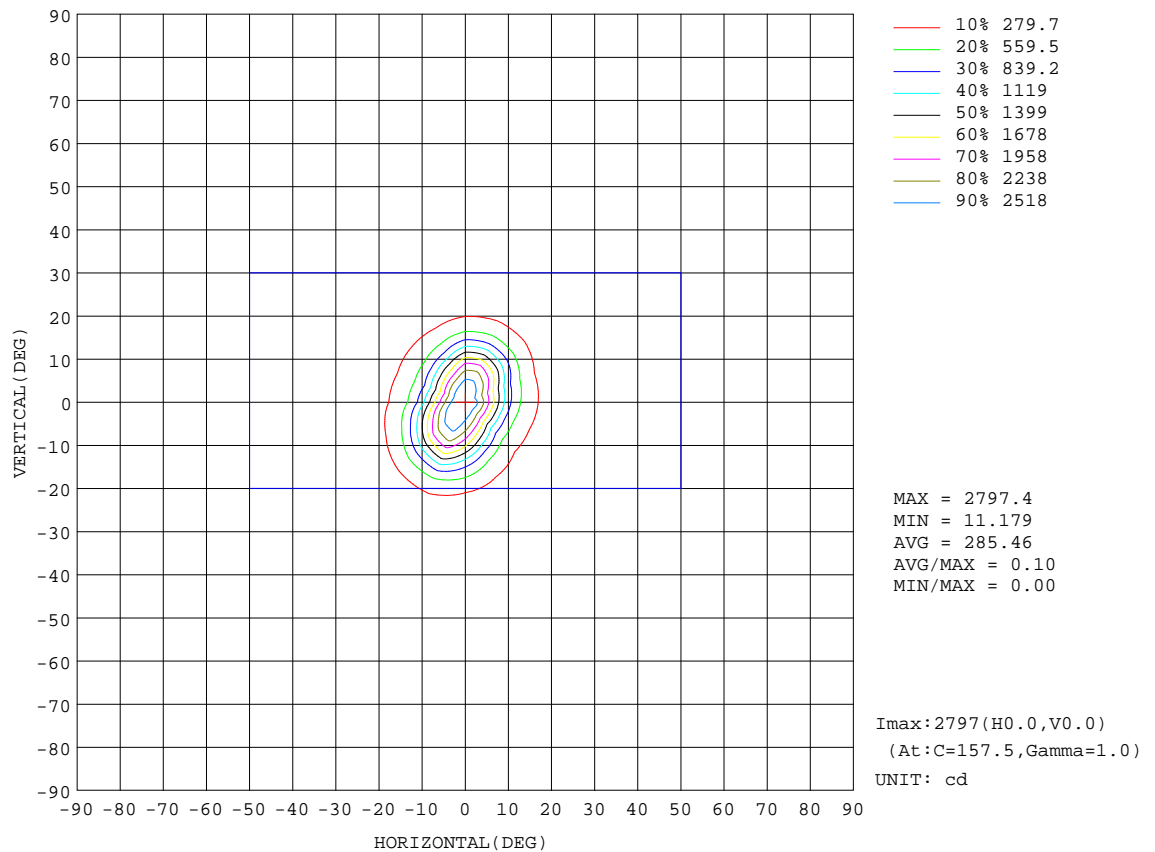
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 Remarks:

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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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 Test Date:2024-08-31

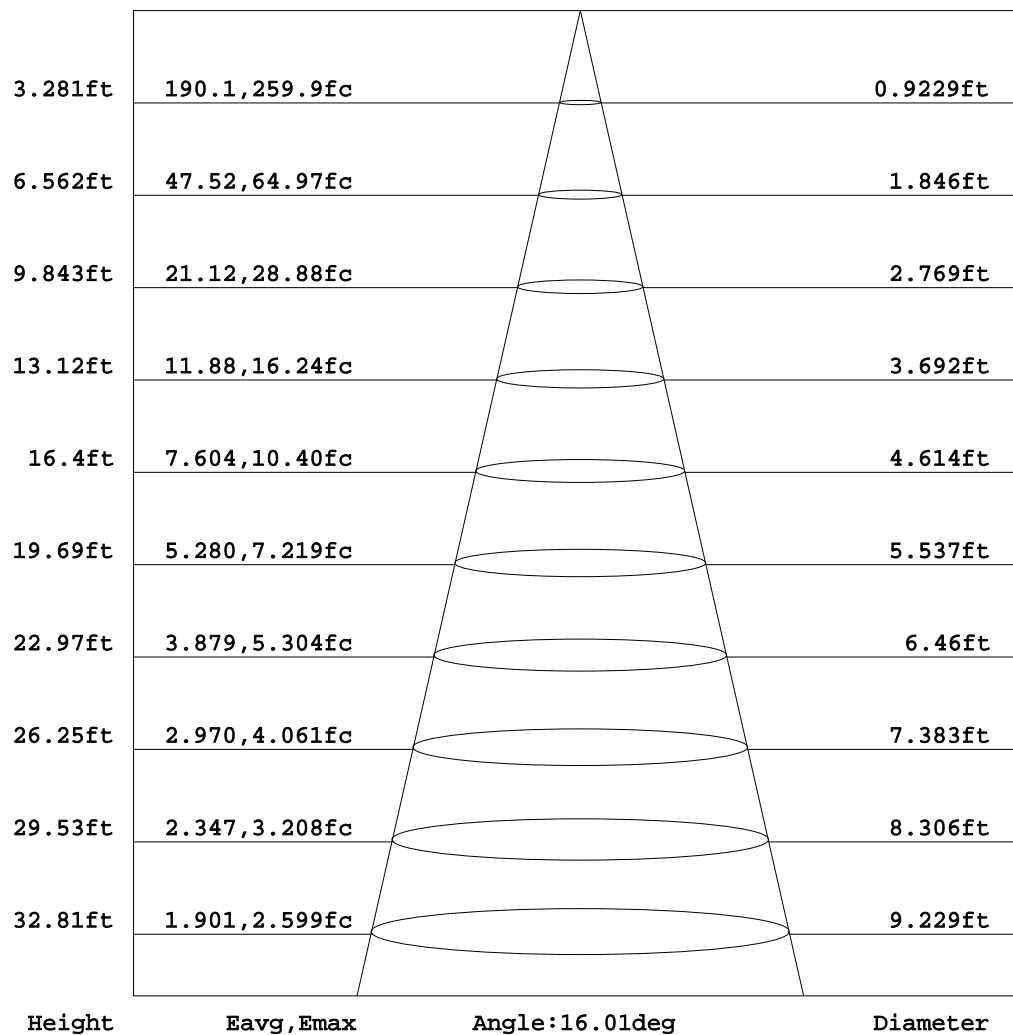
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
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 Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 19.8D 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:161.3 lm



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

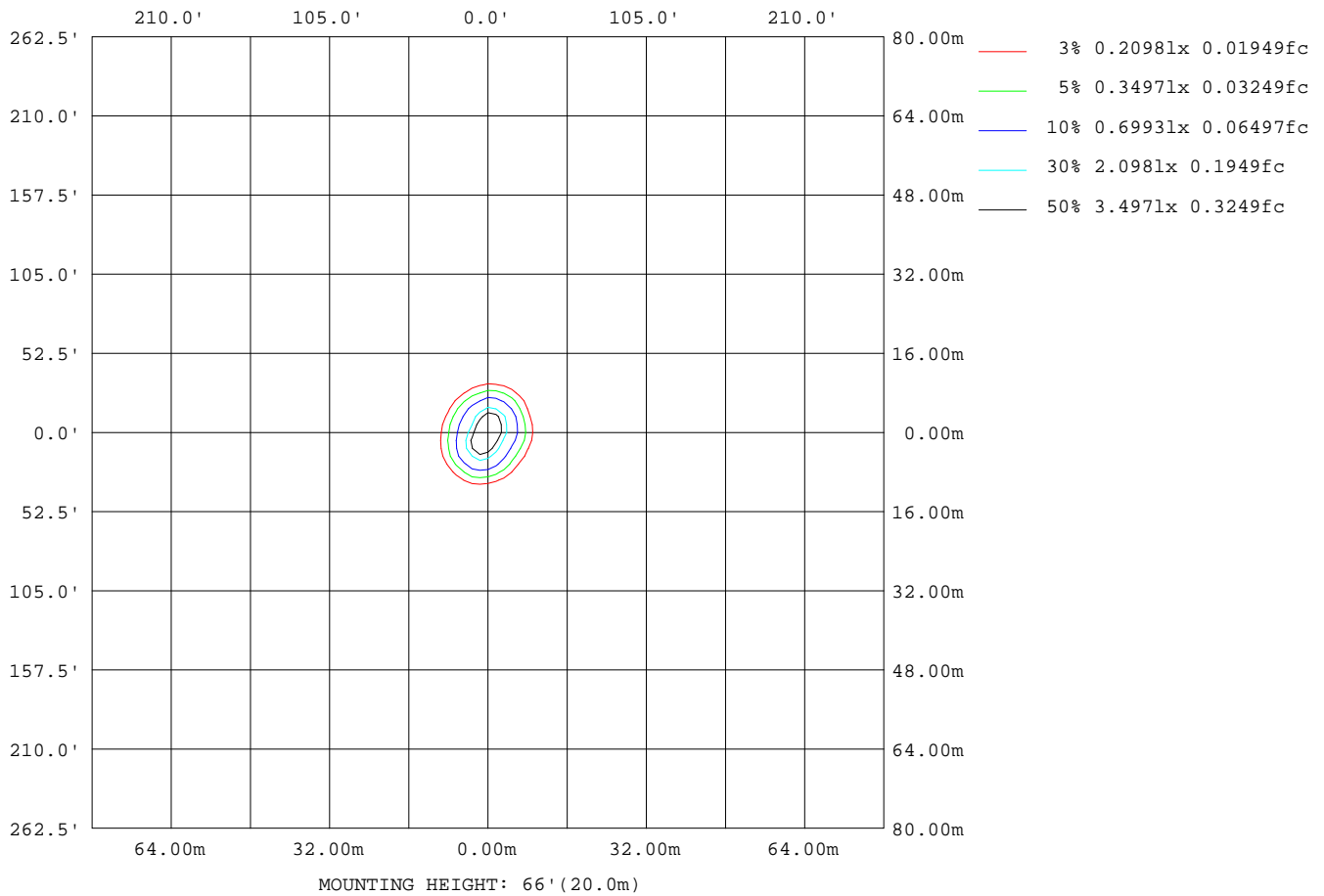
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Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 19.8D 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
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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 19.8D 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:

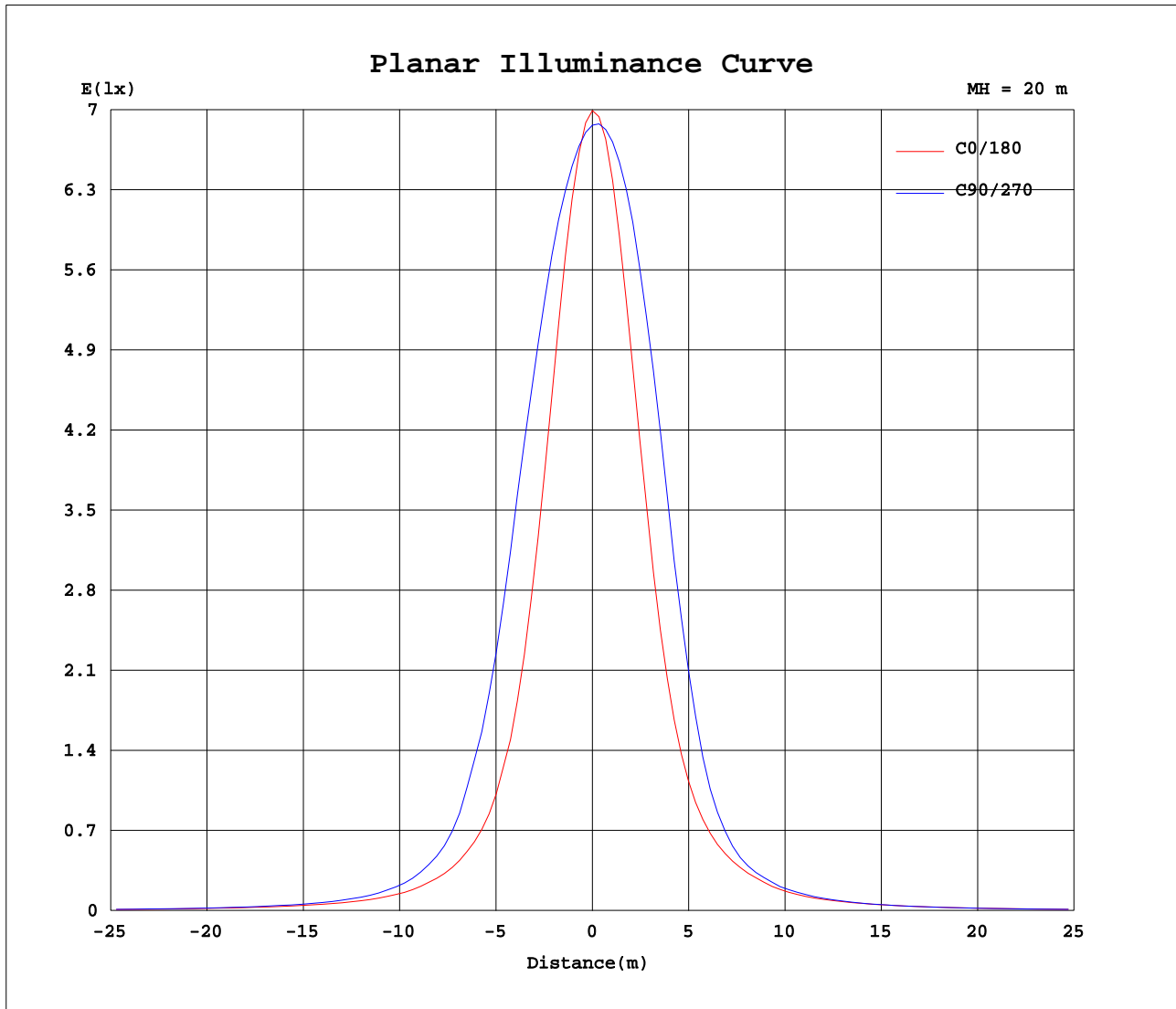
AvgL	cd/m2
L_0~180(65)av	13727
L_0~180(75)av	8534
L_0~180(85)av	3175
L_90~270(65)av	15658
L_90~270(75)av	10301
L_90~270(85)av	3284
L_45(65)av	14545
L_45(75)av	9413
L_45(85)av	3359

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

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 19.8D 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	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758	2758			
5	2045	1963	1954	2188	2454	2687	2687	2506	2134	1999	2175	2347	2565	2563	2377	2089			
10	925	812	838	1200	1723	2227	2070	1553	1016	858	1034	1307	1765	1805	1528	1064			
15	370	329	336	508	845	1238	1046	667	414	367	423	527	759	782	665	425			
20	179	166	168	233	335	468	399	279	206	186	207	216	273	291	261	189			
25	97.1	91.2	93.4	125	153	197	176	147	112	99.0	108	114	134	141	130	103			
30	58.3	56.3	57.2	72.6	82.3	101	93.8	83.4	66.7	63.2	65.0	67.6	75.1	76.3	71.5	63.8			
35	40.1	38.9	39.1	46.1	52.1	61.4	57.1	52.3	45.0	41.7	43.6	43.7	47.2	46.9	44.7	41.8			
40	29.0	29.0	28.7	31.4	35.6	40.7	38.7	35.2	31.9	30.7	30.9	30.9	32.6	32.7	31.1	29.2			
45	22.0	22.1	21.9	22.9	25.4	29.3	27.6	25.6	23.9	23.4	23.2	22.5	24.1	25.2	23.1	21.4			
50	16.5	16.9	16.7	17.3	19.2	22.1	20.8	19.2	18.0	17.9	17.5	17.0	18.4	18.4	17.6	16.0			
55	12.3	12.5	12.5	13.1	14.3	15.6	15.4	14.4	13.5	12.9	13.2	12.9	13.7	13.4	13.0	12.1			
60	8.96	8.91	9.08	9.74	10.5	11.6	11.3	10.8	9.90	9.16	9.42	9.53	10.1	10.02	9.62	8.94			
65	6.26	6.21	6.26	7.09	7.70	8.53	8.19	7.89	6.89	6.29	6.48	6.80	7.30	7.35	6.93	6.38			
70	4.10	3.98	4.04	4.82	5.32	6.01	5.76	5.44	4.49	4.08	4.25	4.55	4.93	4.98	4.66	4.18			
75	2.38	2.30	2.36	2.85	3.22	3.75	3.55	3.29	2.62	2.39	2.50	2.67	2.82	2.82	2.63	2.37			
80	1.09	1.08	1.07	1.35	1.56	1.88	1.78	1.70	1.27	1.10	1.20	1.23	1.31	1.23	1.14	0.98			
85	0.29	0.30	0.30	0.34	0.38	0.50	0.50	0.52	0.34	0.30	0.31	0.29	0.27	0.26	0.21	0.17			
90	0.17	0.16	0.15	0.15	0.15	0.16	0.16	0.15	0.13	0.13	0.13	0.15	0.15	0.14	0.14	0.13			
95	0.17	0.19	0.16	0.18	0.17	0.18	0.16	0.17	0.17	0.14	0.16	0.15	0.18	0.17	0.18	0.16			
100	0.21	0.22	0.20	0.22	0.20	0.22	0.20	0.21	0.20	0.18	0.20	0.20	0.22	0.21	0.23	0.21			
105	0.25	0.27	0.24	0.27	0.25	0.26	0.24	0.25	0.25	0.23	0.25	0.24	0.27	0.27	0.28	0.25			
110	0.31	0.32	0.30	0.32	0.31	0.32	0.30	0.31	0.30	0.27	0.30	0.29	0.33	0.32	0.34	0.31			
115	0.39	0.39	0.37	0.40	0.39	0.41	0.38	0.38	0.36	0.34	0.36	0.37	0.42	0.43	0.44	0.39			
120	0.52	0.51	0.50	0.53	0.55	0.56	0.52	0.50	0.46	0.42	0.46	0.50	0.58	0.62	0.61	0.55			
125	0.77	0.73	0.74	0.77	0.84	0.85	0.80	0.72	0.65	0.60	0.64	0.76	0.91	1.04	0.97	0.84			
130	1.31	1.16	1.23	1.32	1.50	1.47	1.40	1.20	1.04	0.96	1.04	1.32	1.61	1.85	1.71	1.50			
135	2.41	2.19	2.30	2.37	2.54	2.47	2.39	2.13	1.92	1.83	1.93	2.36	2.69	2.92	2.84	2.65			
140	4.03	3.90	3.93	3.81	3.80	3.68	3.60	3.48	3.45	3.40	3.49	3.80	3.98	4.16	4.15	4.14			
145	5.58	5.59	5.57	5.26	5.10	4.93	4.90	4.92	5.09	5.20	5.17	5.27	5.28	5.41	5.43	5.55			
150	6.61	6.66	6.64	6.42	6.26	6.08	6.07	6.15	6.35	6.42	6.41	6.43	6.41	6.47	6.46	6.58			
155	7.14	7.20	7.18	7.09	7.01	6.89	6.86	6.95	7.07	7.10	7.13	7.13	7.12	7.05	6.97	7.08			
160	7.29	7.37	7.33	7.23	7.21	7.10	7.09	7.27	7.42	7.44	7.48	7.38	7.27	7.01	6.77	7.02			
165	6.77	6.94	6.91	6.80	6.71	6.65	6.69	7.01	7.17	7.30	7.30	7.04	6.76	6.30	6.00	6.22			
170	5.58	5.76	5.68	5.73	5.73	5.71	5.79	6.15	6.13	6.32	6.27	5.98	5.65	5.29	5.00	5.04			
175	4.49	4.48	4.51	4.60	4.65	4.77	4.93	5.02	4.74	4.89	5.04	4.86	4.68	4.52	4.29	4.09			
180	4.13	4.07	4.24	4.25	4.35	4.35	4.37	4.22	4.15	4.06	4.25	4.25	4.36	4.34	4.38	4.21			

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