

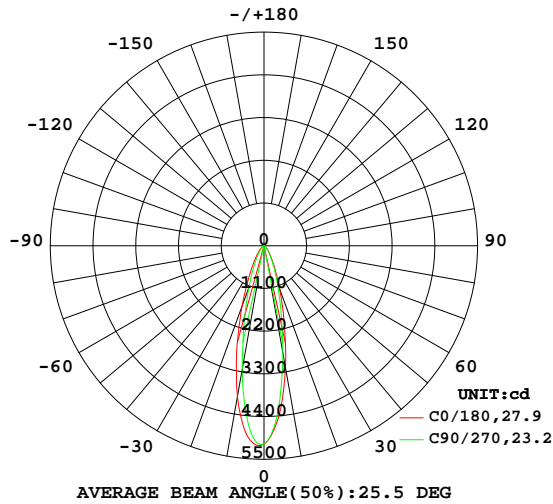
TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

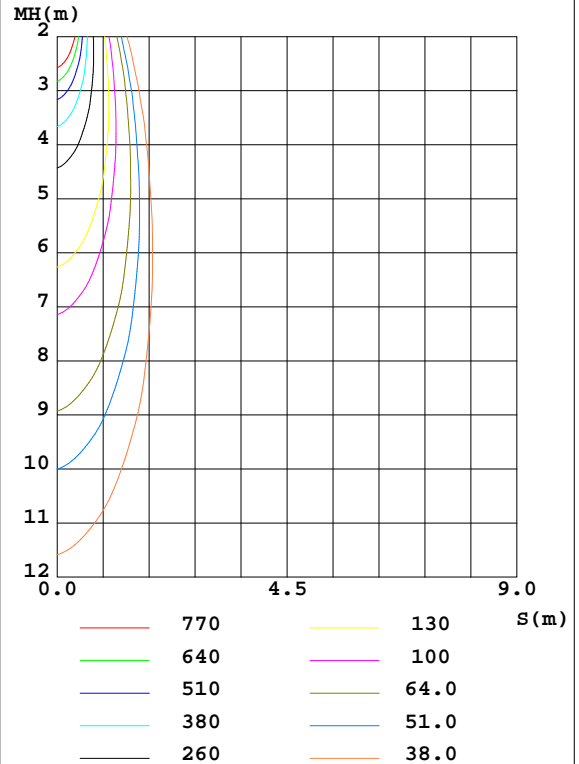
NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.81 lm/W
MODEL		Imax(cd)	5173	S/MH(C0/180)	0.52	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.41	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1715.4	$\eta$ UP, DN(C0-180)	1.2, 46.3	
NOMINAL FLUX(lm)	1715.39	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	1.2, 51.3	
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: LXJ  
Test Date: 2024-12-07

$\gamma$  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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 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	3200	2854	2813	3363	3945	3764	3234	3192	0- 10	392.4	392.4	22.9,22.9
20	1169	1026	992.7	1284	1657	1461	1142	1159	10- 20	573.7	966.0	56.3,56.3
30	407.8	372.5	358.6	479.2	583.0	527.2	411.0	415.8	20- 30	345.2	1311	76.4,76.4
40	165.7	147.4	145.9	196.1	237.3	208.1	160.2	162.0	30- 40	177.9	1489	86.8,86.8
50	74.37	66.85	69.79	87.75	105.0	91.70	75.11	72.67	40- 50	92.97	1582	92.2,92.2
60	36.47	32.62	36.49	43.75	51.08	45.49	40.01	35.70	50- 60	51.42	1634	95.2,95.2
70	15.67	13.85	16.55	19.81	23.73	21.42	18.42	15.45	60- 70	27.96	1662	96.9,96.9
80	2.503	2.669	3.650	5.145	6.786	5.742	4.706	3.018	70- 80	11.18	1673	97.5,97.5
90	0.5888	0.5725	0.5389	0.4991	0.4432	0.4244	0.4616	0.4994	80- 90	1.584	1674	97.6,97.6
100	0.9537	0.9046	0.8165	0.7742	0.7096	0.6769	0.7231	0.8244	90-100	0.6918	1675	97.6,97.6
110	1.719	1.606	1.372	1.310	1.214	1.144	1.192	1.425	100-110	1.105	1676	97.7,97.7
120	3.472	3.238	2.735	2.580	2.365	2.194	2.266	2.785	110-120	1.912	1678	97.8,97.8
130	7.491	7.187	6.111	5.746	5.298	4.870	5.060	6.137	120-130	3.652	1682	98,98
140	13.82	13.83	12.99	11.90	11.00	10.58	11.17	12.50	130-140	6.808	1688	98.4,98.4
150	19.49	19.80	19.59	18.55	17.58	17.55	18.34	18.92	140-150	9.745	1698	99,99
160	20.95	21.59	22.18	21.56	21.10	21.38	21.99	21.33	150-160	9.448	1708	99.5,99.5
170	18.59	18.75	19.81	19.85	20.07	20.26	20.27	19.22	160-170	5.946	1714	99.9,99.9
180	17.77	17.99	17.66	18.08	17.79	18.02	17.66	18.07	170-180	1.785	1715	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

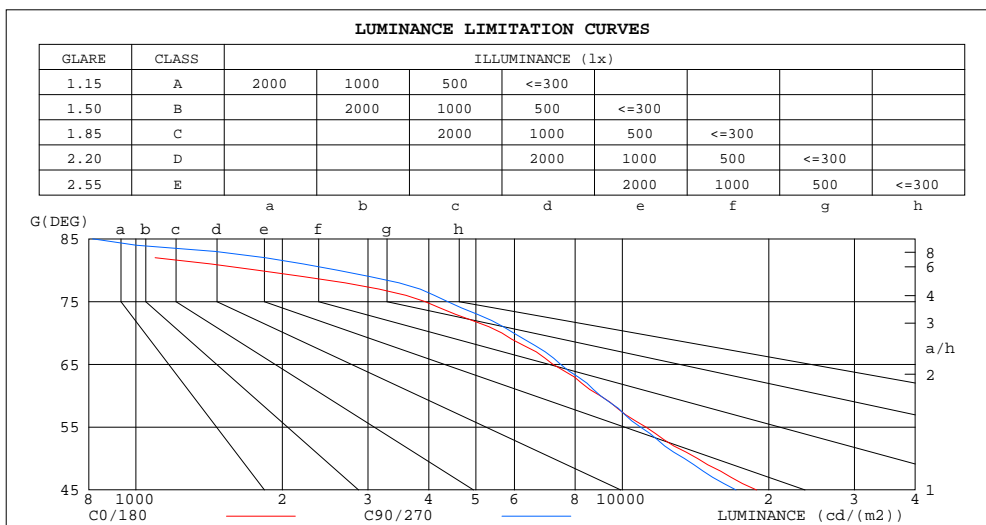
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 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:LXJ  
 Test Date:2024-12-07

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

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

## LUMINANCE LIMITATION CURVES

NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-07

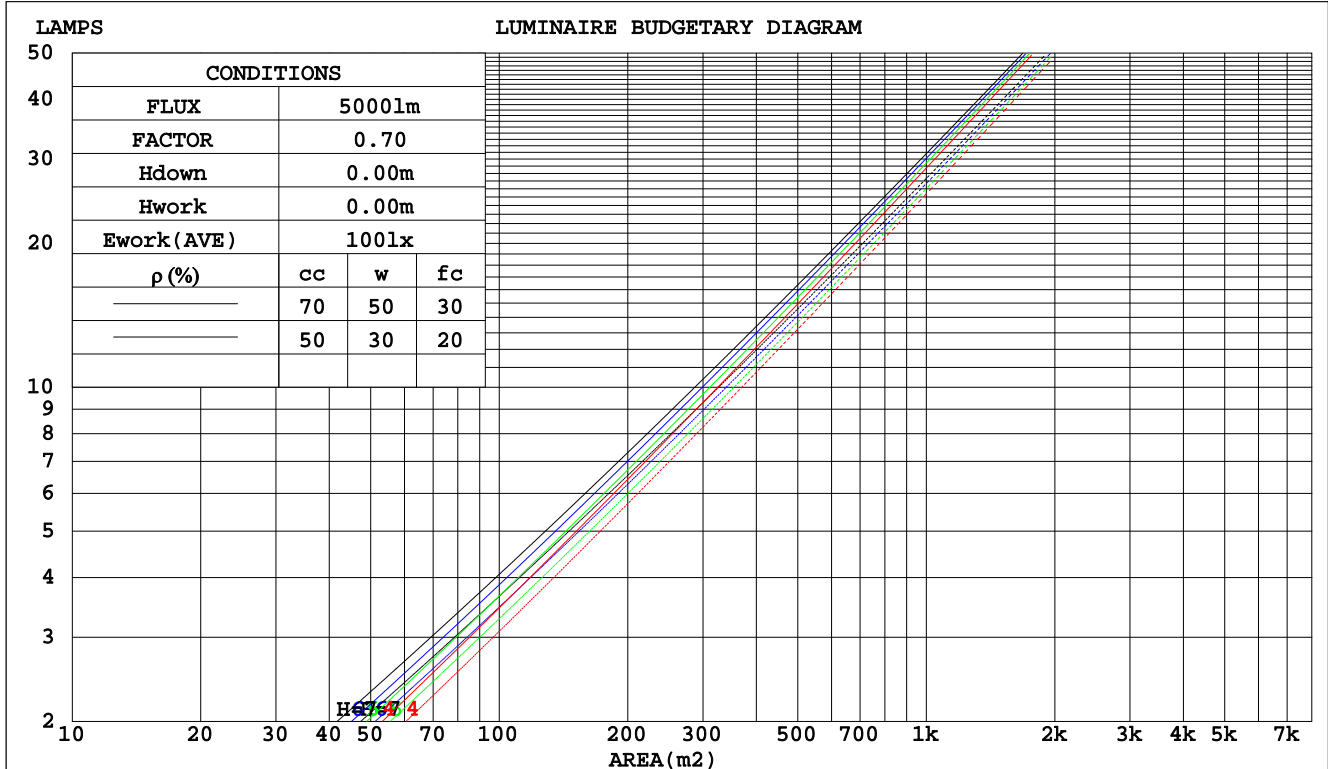
$\gamma$  Range: 0 - 180DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.92	.89	.95	.91	.88	.93	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.82	.79	.84	.81	.78	.77
5.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.78	.73	.69	.78	.73	.69	.76	.72	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.67	.65	.63
9.0	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.68	.65	.62	.61
10.0	.69	.64	.60	.68	.64	.60	.67	.63	.60	.67	.63	.60	.66	.62	.59	.58



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-07

$\gamma$  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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO020-61	TYPE:25D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	.172	.098	.031	.164	.094	.030	.151	.086	.028	.138	.079	.025	.126	.073	.024		
2.0	.163	.089	.027	.156	.086	.027	.145	.080	.025	.134	.075	.023	.124	.070	.022		
3.0	.153	.081	.024	.148	.079	.024	.138	.075	.023	.128	.070	.022	.120	.066	.020		
4.0	.144	.075	.022	.139	.073	.022	.131	.069	.021	.123	.066	.020	.115	.062	.019		
5.0	.136	.069	.020	.132	.068	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018		
6.0	.129	.064	.018	.125	.063	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017		
7.0	.122	.060	.017	.119	.059	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016		
8.0	.116	.057	.016	.113	.056	.016	.108	.054	.015	.103	.052	.015	.098	.050	.015		
9.0	.110	.053	.015	.108	.053	.015	.103	.051	.014	.099	.049	.014	.094	.048	.014		
10.0	.105	.051	.014	.103	.050	.014	.099	.048	.014	.095	.047	.013	.091	.046	.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	.097	.064	.060	.057	.020	.019	.018		
2.0	.174	.151	.132	.149	.130	.114	.102	.090	.080	.059	.052	.047	.019	.017	.015		
3.0	.161	.132	.109	.138	.114	.095	.095	.079	.067	.055	.046	.039	.018	.015	.013		
4.0	.150	.117	.093	.128	.101	.081	.088	.071	.057	.051	.041	.034	.016	.013	.011		
5.0	.140	.106	.080	.121	.091	.070	.083	.064	.049	.048	.037	.029	.015	.012	.010		
6.0	.132	.096	.070	.114	.083	.061	.078	.058	.043	.046	.034	.026	.015	.011	.008		
7.0	.125	.088	.063	.108	.077	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008		
8.0	.119	.082	.057	.103	.071	.049	.071	.050	.035	.041	.029	.021	.013	.010	.007		
9.0	.114	.077	.052	.098	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006		
10.0	.109	.072	.048	.094	.063	.042	.065	.044	.030	.038	.026	.018	.012	.009	.006		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-07

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO020-61					TYPE:25D			WEIGHT:			
SPEC.:3000K CRI90					DIM.:			SERIAL No.:			
MFR.:					SUR.:90			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		14.7	15.5	14.9	15.7	15.9	14.3	15.1	14.5	15.3	15.5
3H		15.0	15.8	15.3	16.0	16.3	14.7	15.5	15.0	15.7	16.0
4H		15.1	15.8	15.4	16.1	16.3	14.8	15.5	15.1	15.8	16.1
6H		15.0	15.7	15.4	16.0	16.3	14.8	15.5	15.1	15.8	16.1
8H		15.0	15.7	15.3	15.9	16.2	14.8	15.4	15.1	15.7	16.0
12H		14.9	15.6	15.3	15.9	16.2	14.7	15.4	15.1	15.7	16.0
4H 2H		14.7	15.5	15.0	15.7	16.0	14.4	15.1	14.7	15.4	15.6
3H		15.2	15.8	15.5	16.1	16.4	14.9	15.5	15.3	15.8	16.2
4H		15.2	15.8	15.6	16.2	16.5	15.0	15.6	15.4	16.0	16.3
6H		15.2	15.7	15.6	16.1	16.5	15.1	15.6	15.5	16.0	16.4
8H		15.2	15.7	15.6	16.1	16.5	15.0	15.5	15.5	15.9	16.3
12H		15.1	15.6	15.6	16.0	16.4	15.0	15.4	15.4	15.8	16.3
8H 4H		15.2	15.7	15.6	16.1	16.5	15.0	15.5	15.4	15.9	16.3
6H		15.2	15.6	15.6	16.0	16.5	15.0	15.4	15.5	15.9	16.3
8H		15.1	15.5	15.6	15.9	16.4	15.0	15.3	15.5	15.8	16.3
12H		15.1	15.4	15.6	15.9	16.4	14.9	15.2	15.4	15.7	16.2
12H 4H		15.1	15.6	15.6	16.0	16.4	14.9	15.4	15.4	15.8	16.2
6H		15.1	15.5	15.6	15.9	16.4	15.0	15.3	15.5	15.8	16.3
8H		15.1	15.4	15.6	15.9	16.4	14.9	15.2	15.5	15.7	16.2
Variations with the observer position at spacings:											
S = 1.0H		+ 1.2 / - 1.7					+ 1.0 / - 1.4				
1.5H		+ 2.0 / - 1.2					+ 1.5 / - 1.0				
2.0H		+ 2.2 / - 1.7					+ 1.8 / - 1.5				

CIE Pub.117, 1715 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 1.9$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
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 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### UTILIZATION FACTORS TABLE

NAME: TLO020-61	TYPE:25D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	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	83	76	72	83	76	72	82	76	72	68
0.80	91	85	80	90	84	80	89	83	80	76
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	95	91	99	94	90	97	92	89	84
1.50	103	98	94	102	97	94	99	95	92	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

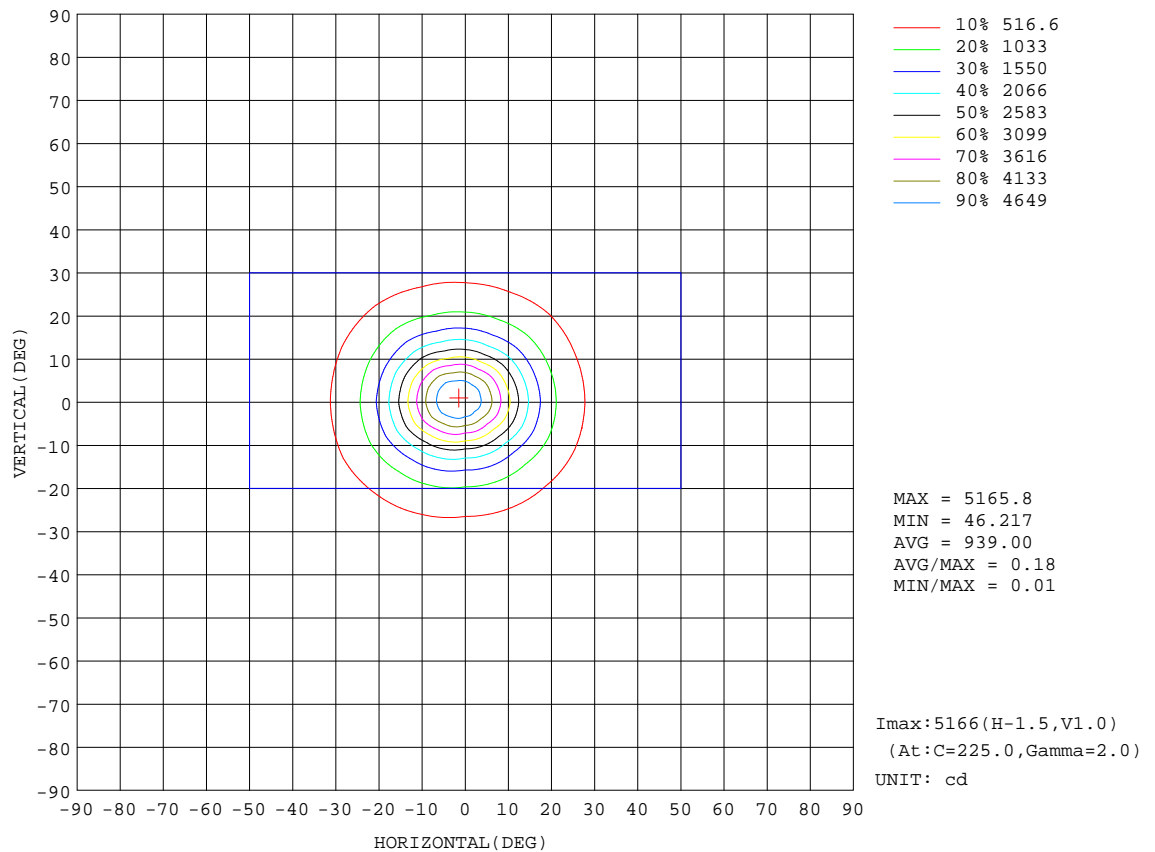
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Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
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Remarks:

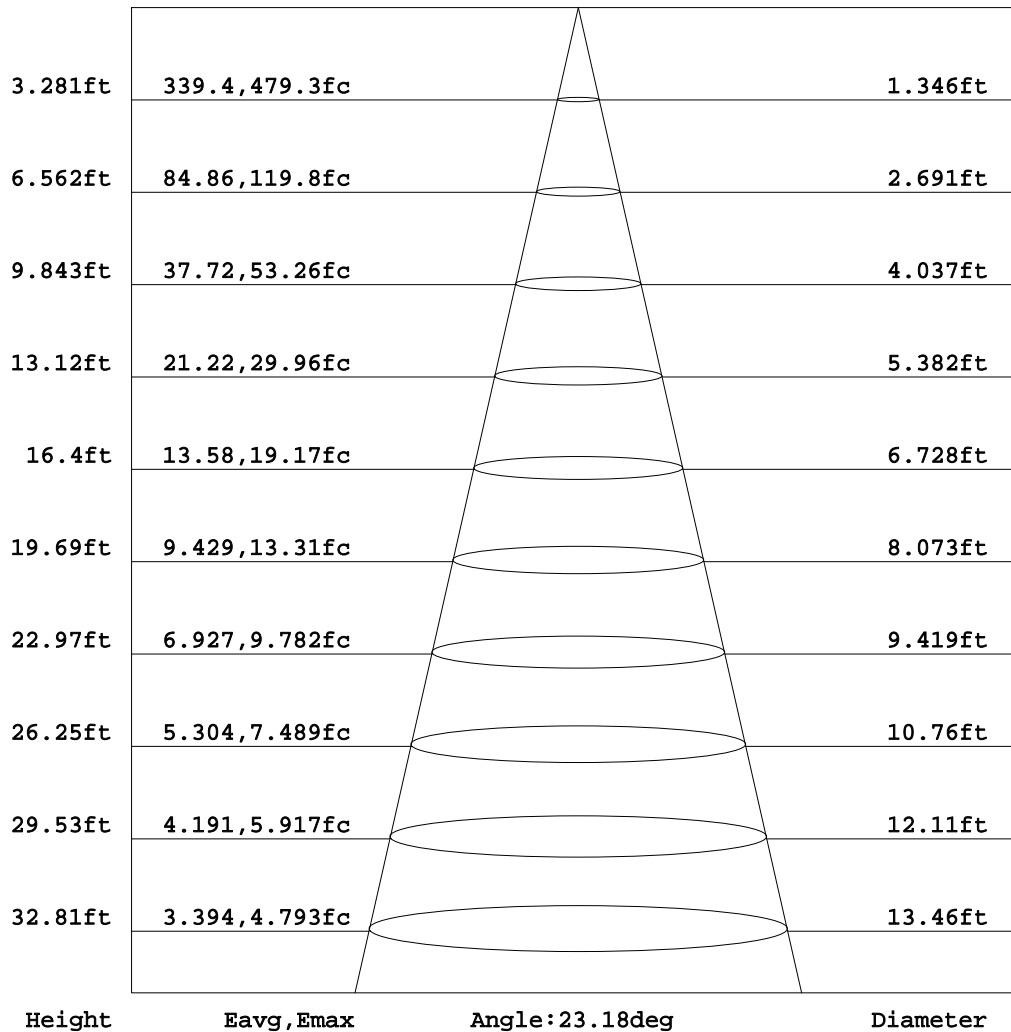


TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### AAI Figure

NAME: TLO020-61	TYPE:25D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:518.6 lm



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

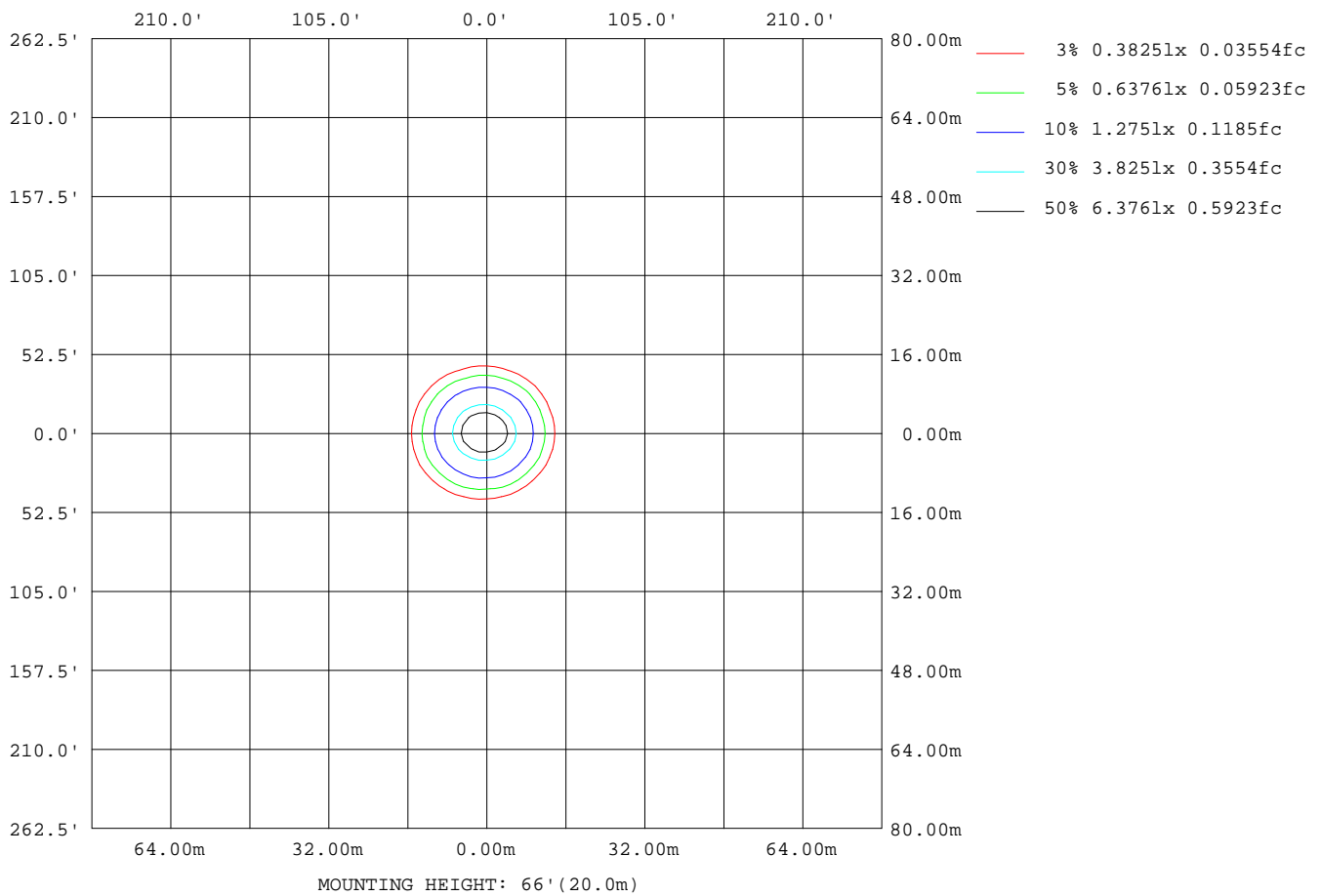
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-07

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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

### LED Avg.L Report

NAME: TLO020-61	TYPE:25D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

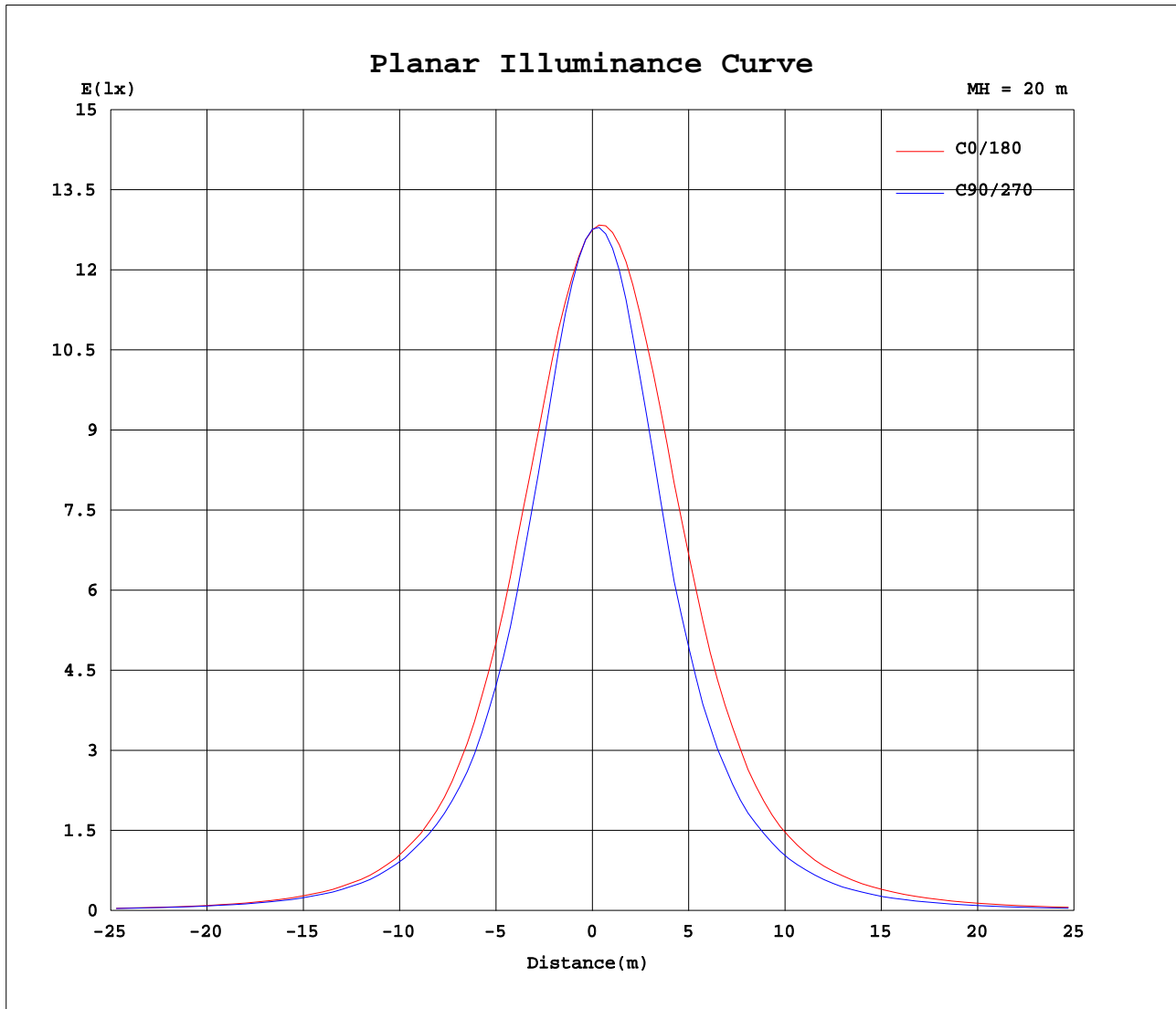
AvgL	cd/m2
L_0~180(65)av	8911
L_0~180(75)av	5299
L_0~180(85)av	1526
L_90~270(65)av	7870
L_90~270(75)av	4701
L_90~270(85)av	965
L_45(65)av	7909
L_45(75)av	4821
L_45(85)av	1316

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-07

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: LXJ  
 Test Date: 2024-12-07

$\gamma$  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:

TLO020-61 36V500mA BXEP-30G-1C5-36C-00-000 10X25D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-61	TYPE: 25D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	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	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105	5105			
5	4412	4326	4206	4215	4243	4441	4614	4844	4921	4940	4911	4725	4628	4491	4492	4414			
10	3200	3079	2854	2816	2813	3061	3363	3786	3945	3924	3764	3374	3234	3092	3192	3174			
15	2003	1924	1745	1701	1676	1870	2135	2526	2692	2630	2433	2067	1954	1867	1969	1968			
20	1169	1137	1026	1004	993	1117	1284	1547	1657	1581	1461	1213	1142	1096	1159	1154			
25	691	669	622	604	605	679	773	920	964	934	862	726	682	661	687	684			
30	408	402	372	362	359	416	479	563	583	570	527	442	411	397	416	409			
35	254	250	230	223	224	258	302	355	367	358	329	271	252	243	257	254			
40	166	160	147	145	146	167	196	229	237	230	208	172	160	155	162	162			
45	108	105	97.6	96.6	98.1	112	129	152	157	151	137	115	106	104	106	106			
50	74.4	71.0	66.8	67.3	69.8	77.5	87.7	101	105	102	91.7	79.9	75.1	72.3	72.7	72.1			
55	52.0	49.8	46.6	48.2	50.6	55.6	61.7	69.6	72.0	69.5	64.3	57.1	54.8	51.4	51.0	50.2			
60	36.5	34.9	32.6	34.5	36.5	40.1	43.8	48.9	51.1	48.5	45.5	41.3	40.0	36.8	35.7	35.3			
65	24.7	23.7	22.0	23.9	25.5	28.2	30.2	34.5	36.3	34.2	31.9	29.3	28.3	25.5	24.3	24.0			
70	15.7	15.0	13.8	15.4	16.6	18.7	19.8	22.8	23.7	22.7	21.4	19.6	18.4	16.3	15.4	15.2			
75	8.24	7.93	7.52	8.34	9.16	10.9	11.7	13.4	14.0	13.4	12.8	11.4	10.5	8.91	8.42	7.92			
80	2.50	2.72	2.67	3.27	3.65	4.96	5.15	6.71	6.79	6.69	5.74	5.41	4.71	3.64	3.02	2.59			
85	0.51	0.51	0.51	0.52	0.58	0.95	1.19	1.64	1.64	1.50	1.56	1.08	0.79	0.48	0.45	0.43			
90	0.59	0.60	0.57	0.57	0.54	0.53	0.50	0.52	0.44	0.41	0.42	0.41	0.46	0.46	0.50	0.51			
95	0.74	0.75	0.71	0.69	0.65	0.65	0.62	0.62	0.56	0.52	0.53	0.52	0.57	0.59	0.64	0.66			
100	0.95	0.96	0.90	0.86	0.82	0.80	0.77	0.78	0.71	0.67	0.68	0.67	0.72	0.75	0.82	0.86			
105	1.26	1.25	1.19	1.10	1.04	1.01	0.99	0.99	0.91	0.87	0.87	0.87	0.92	0.97	1.07	1.15			
110	1.72	1.68	1.61	1.46	1.37	1.32	1.31	1.31	1.21	1.17	1.14	1.14	1.19	1.29	1.43	1.56			
115	2.41	2.35	2.24	2.01	1.90	1.80	1.80	1.79	1.66	1.60	1.55	1.56	1.60	1.76	1.95	2.18			
120	3.47	3.38	3.24	2.88	2.74	2.56	2.58	2.55	2.37	2.29	2.19	2.20	2.27	2.52	2.78	3.13			
125	5.10	5.01	4.80	4.30	4.05	3.80	3.82	3.78	3.52	3.40	3.22	3.24	3.34	3.71	4.12	4.60			
130	7.49	7.35	7.19	6.48	6.11	5.74	5.75	5.64	5.30	5.10	4.87	4.88	5.06	5.58	6.14	6.82			
135	10.5	10.4	10.3	9.63	9.21	8.62	8.53	8.28	7.82	7.61	7.31	7.39	7.67	8.36	9.02	9.73			
140	13.8	13.8	13.8	13.4	13.0	12.2	11.9	11.6	11.0	10.8	10.6	10.8	11.2	11.9	12.5	13.1			
145	17.0	17.0	17.2	16.9	16.7	15.9	15.5	15.0	14.4	14.3	14.2	14.5	15.0	15.7	16.0	16.4			
150	19.5	19.6	19.8	19.7	19.6	19.0	18.6	18.1	17.6	17.5	17.6	18.0	18.3	18.8	18.9	19.1			
155	20.9	20.9	21.3	21.4	21.5	21.0	20.6	20.3	19.9	19.8	20.0	20.5	20.7	21.0	20.8	20.6			
160	20.9	21.0	21.6	22.0	22.2	21.9	21.6	21.3	21.1	21.1	21.4	21.7	22.0	21.8	21.3	20.9			
165	20.0	20.0	20.6	21.3	21.6	21.6	21.3	21.1	21.0	21.1	21.4	21.7	21.8	21.4	20.6	20.1			
170	18.6	18.6	18.7	19.4	19.8	19.9	19.9	20.1	20.1	20.2	20.3	20.3	20.3	19.8	19.2	18.9			
175	17.4	17.4	17.7	17.7	17.8	18.2	18.7	18.8	18.7	18.9	19.1	18.7	18.5	18.5	18.3	17.8			
180	17.8	17.7	18.0	17.6	17.7	17.7	18.1	18.0	17.8	17.7	18.0	17.6	17.7	17.7	18.1	18.0			

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