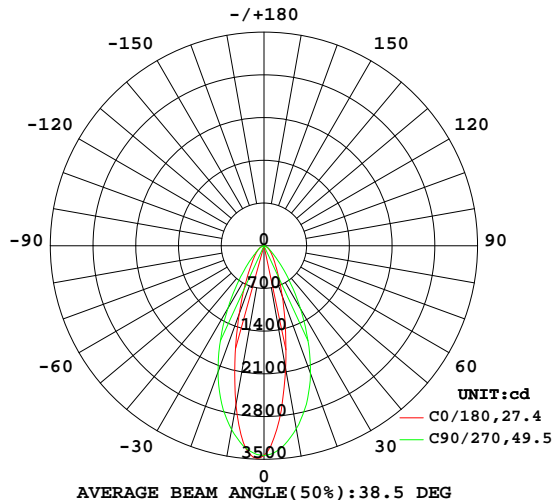


## LUMINAIRE PHOTOMETRIC TEST REPORT

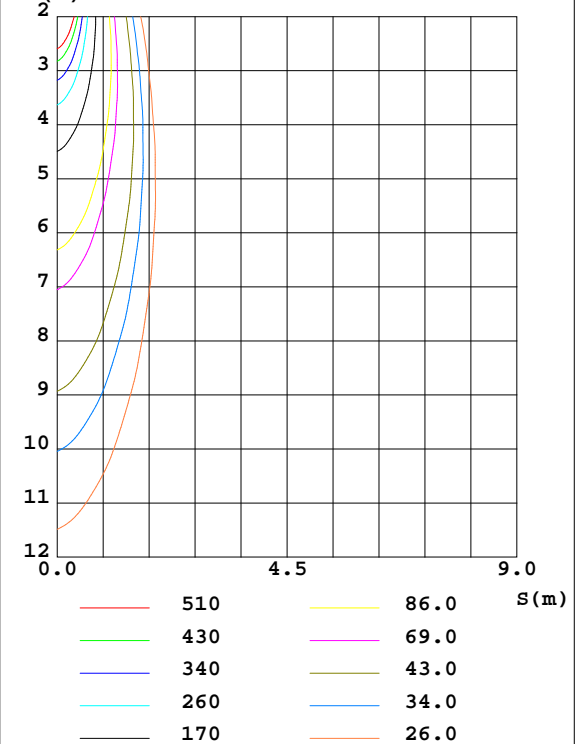
NAME: TLO030-61	TYPE: 39D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.79 lm/W			
MODEL		Imax(cd)	3491	S/MH(C0/180)	0.52
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.77
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2043.4	$\eta$ UP, DN(C0-180)	1.2, 48.4
NOMINAL FLUX(lm)	2043.35	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	1.2, 49.3
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	$\eta$ 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: 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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	2046	2382	3046	2879	2652	2946	3061	2383	0- 10	289.1	289.1	14.1,14.1
20	877.5	1166	2230	1515	1190	1607	2208	1164	10- 20	566.1	855.2	41.9,41.9
30	393.2	528.3	1201	673.3	503.7	712.7	1183	523.3	20- 30	480.8	1336	65.4,65.4
40	215.9	257.2	473.8	308.2	259.4	327.6	471.2	255.1	30- 40	301.5	1637	80.1,80.1
50	129.0	137.8	173.6	158.7	152.9	169.0	174.9	138.1	40- 50	171.2	1809	88.5,88.5
60	72.90	74.75	89.34	86.91	89.52	91.79	89.40	74.37	50- 60	102.4	1911	93.5,93.5
70	31.62	32.78	41.07	41.34	42.25	43.23	39.24	30.23	60- 70	58.73	1970	96.4,96.4
80	5.329	6.259	9.027	10.48	11.74	10.24	6.116	3.792	70- 80	22.71	1992	97.5,97.5
90	0.8771	0.9643	0.9230	0.8079	0.6773	0.7031	0.7804	0.7827	80- 90	2.677	1995	97.6,97.6
100	1.403	1.490	1.486	1.249	1.112	1.168	1.373	1.326	90-100	1.127	1996	97.7,97.7
110	2.270	2.628	2.911	2.174	1.813	2.032	2.673	2.316	100-110	1.881	1998	97.8,97.8
120	3.977	4.963	5.597	4.061	3.033	3.788	5.245	4.424	110-120	3.218	2001	97.9,97.9
130	7.729	9.300	9.700	7.763	5.666	7.329	9.202	8.492	120-130	5.431	2007	98.2,98.2
140	14.29	14.92	14.61	13.23	11.07	12.73	14.04	14.20	130-140	8.281	2015	98.6,98.6
150	20.74	19.96	18.77	18.95	18.23	18.46	18.30	19.40	140-150	10.29	2025	99.1,99.1
160	23.31	21.98	21.20	22.62	22.93	22.27	20.83	21.52	150-160	9.614	2035	99.6,99.6
170	21.89	21.20	21.87	23.04	23.26	22.97	21.72	21.08	160-170	6.318	2041	99.9,99.9
180	21.49	22.47	22.32	22.48	21.51	22.46	22.32	22.46	170-180	2.107	2043	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

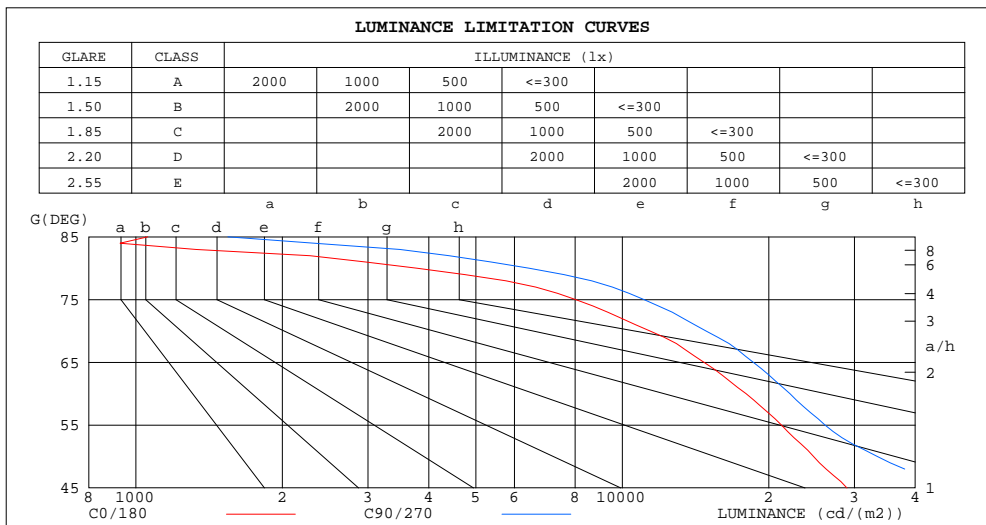
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:LXJ  
 Test Date:2024-12-07

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## LUMINANCE LIMITATION CURVES

NAME: TLO030-61	TYPE: 39D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1058	1546
80	3781	6431
75	8013	11077
70	11390	14857
65	14723	18582
60	17965	22106
55	21242	26096
50	24719	33413
45	28960	48917

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

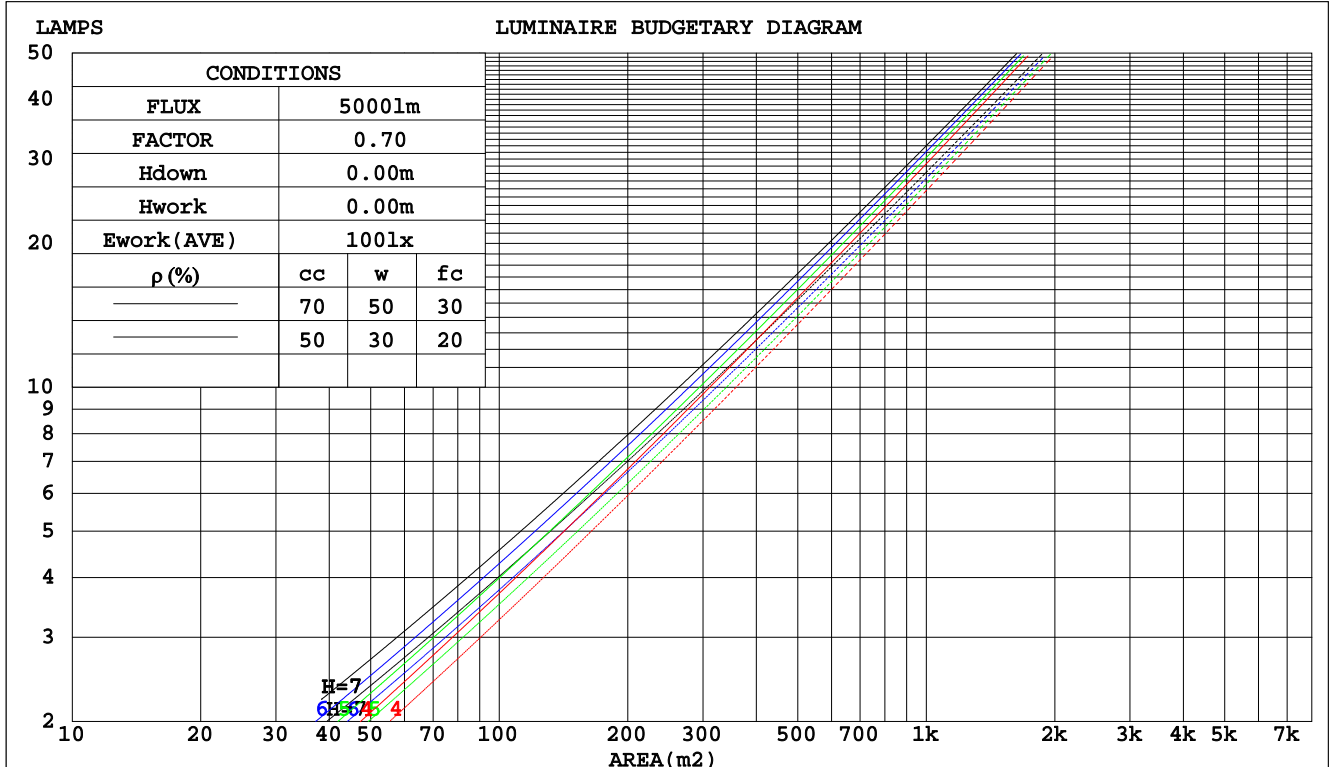
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO030-61	TYPE:39D	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	1.09	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.96	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.84	.92	.87	.83	.89	.85	.81	.86	.83	.80	.83	.81	.78	.76
4.0	.87	.81	.77	.86	.80	.76	.83	.78	.75	.81	.77	.74	.79	.75	.73	.71
5.0	.81	.75	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
7.0	.72	.65	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.59	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.62	.57	.54	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.58	.53	.50	.49



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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### WEC AND CCEC

NAME: TLO030-61	TYPE:39D	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	.195	.111	.035	.187	.107	.034	.173	.099	.032	.160	.093	.030	.149	.086	.028	
2.0	.186	.102	.031	.180	.099	.031	.168	.093	.029	.157	.088	.028	.147	.083	.026	
3.0	.176	.094	.028	.171	.091	.028	.160	.087	.026	.151	.083	.025	.142	.079	.024	
4.0	.166	.086	.025	.161	.084	.025	.152	.081	.024	.144	.077	.023	.136	.074	.023	
5.0	.157	.080	.023	.153	.078	.023	.145	.075	.022	.137	.072	.022	.130	.070	.021	
6.0	.148	.074	.021	.145	.073	.021	.137	.070	.020	.131	.068	.020	.125	.066	.019	
7.0	.140	.069	.020	.137	.068	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.016	.114	.056	.016	.110	.054	.015	.105	.053	.015	

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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.175	.162	.163	.150	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.132	.106	.141	.114	.092	.097	.079	.064	.056	.046	.038	.018	.015	.012	
4.0	.155	.118	.089	.133	.102	.077	.091	.071	.055	.053	.041	.032	.017	.014	.011	
5.0	.146	.106	.077	.126	.092	.067	.087	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.067	.119	.084	.058	.082	.059	.041	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.052	.078	.054	.037	.046	.032	.022	.015	.010	.007	
8.0	.126	.083	.054	.108	.072	.047	.075	.051	.033	.044	.030	.020	.014	.010	.007	
9.0	.121	.078	.049	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.028	.040	.027	.017	.013	.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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

UGR(Unified Glare Rating) Table

NAME: TLO030-61					TYPE:39D			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		17.1	18.1	17.4	18.3	18.5	19.3	20.3	19.6	20.5	20.7
	3H	17.7	18.6	18.0	18.8	19.1	19.7	20.7	20.0	20.9	21.1
	4H	17.8	18.6	18.1	18.9	19.2	19.8	20.7	20.2	21.0	21.2
	6H	17.8	18.6	18.1	18.9	19.2	19.8	20.7	20.2	20.9	21.2
	8H	17.7	18.5	18.1	18.8	19.1	19.8	20.6	20.2	20.9	21.2
	12H	17.7	18.4	18.0	18.7	19.1	19.8	20.5	20.1	20.8	21.1
4H	2H	17.4	18.3	17.7	18.5	18.8	19.4	20.2	19.7	20.5	20.8
	3H	18.1	18.8	18.4	19.1	19.5	19.9	20.6	20.2	20.9	21.3
	4H	18.2	18.9	18.6	19.3	19.6	20.0	20.7	20.4	21.1	21.4
	6H	18.3	18.9	18.7	19.2	19.6	20.1	20.7	20.5	21.0	21.4
	8H	18.2	18.8	18.6	19.2	19.6	20.0	20.6	20.5	21.0	21.4
	12H	18.2	18.7	18.6	19.1	19.5	20.0	20.5	20.4	20.9	21.4
8H	4H	18.2	18.8	18.7	19.2	19.6	20.0	20.5	20.4	20.9	21.3
	6H	18.3	18.7	18.7	19.2	19.6	20.0	20.5	20.5	20.9	21.4
	8H	18.2	18.6	18.7	19.1	19.6	20.0	20.4	20.5	20.9	21.3
	12H	18.2	18.5	18.7	19.0	19.5	19.9	20.3	20.5	20.8	21.3
12H	4H	18.2	18.7	18.6	19.1	19.6	19.9	20.4	20.4	20.8	21.3
	6H	18.2	18.6	18.7	19.1	19.6	20.0	20.4	20.5	20.8	21.3
	8H	18.2	18.5	18.7	19.0	19.5	19.9	20.3	20.5	20.8	21.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 2.1 / - 1.6				
1.5H		+ 0.5 / - 0.5					+ 3.4 / - 1.4				
2.0H		+ 1.1 / - 1.0					+ 2.8 / - 1.4				

CIE Pub.117, 2043 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: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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### UTILIZATION FACTORS TABLE

NAME: TLO030-61	TYPE:39D	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	79	71	67	78	71	67	77	71	67	62
0.80	87	80	76	87	80	75	85	79	75	70
1.00	93	86	82	92	85	81	90	85	81	76
1.25	98	91	87	97	91	87	94	89	86	80
1.50	101	95	91	100	94	90	97	92	89	84
2.00	105	100	96	103	98	95	100	96	93	87
2.50	107	102	99	105	101	98	102	98	95	88
3.00	109	105	102	107	103	100	103	100	98	90
4.00	112	108	105	109	106	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										

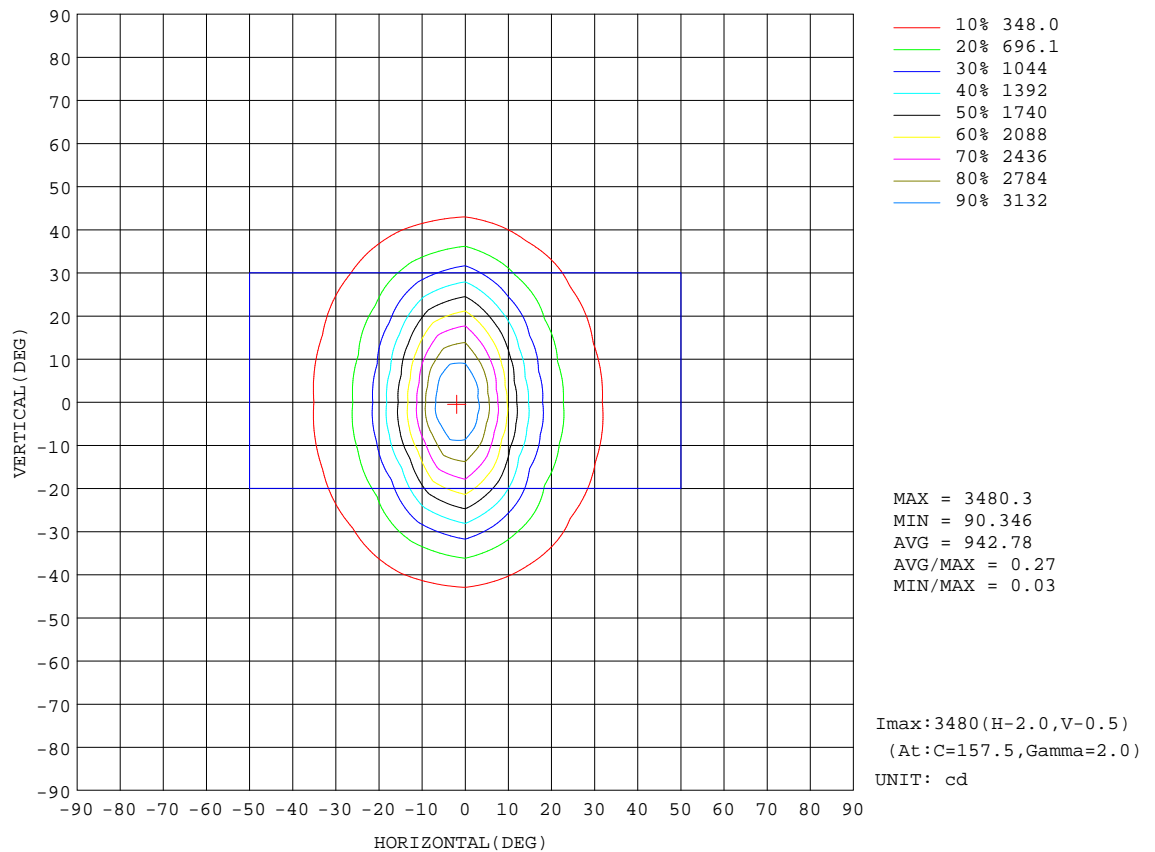
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-07

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

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### ISOCANDELA DIAGRAM

NAME: TLO030-61	TYPE: 39D	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:

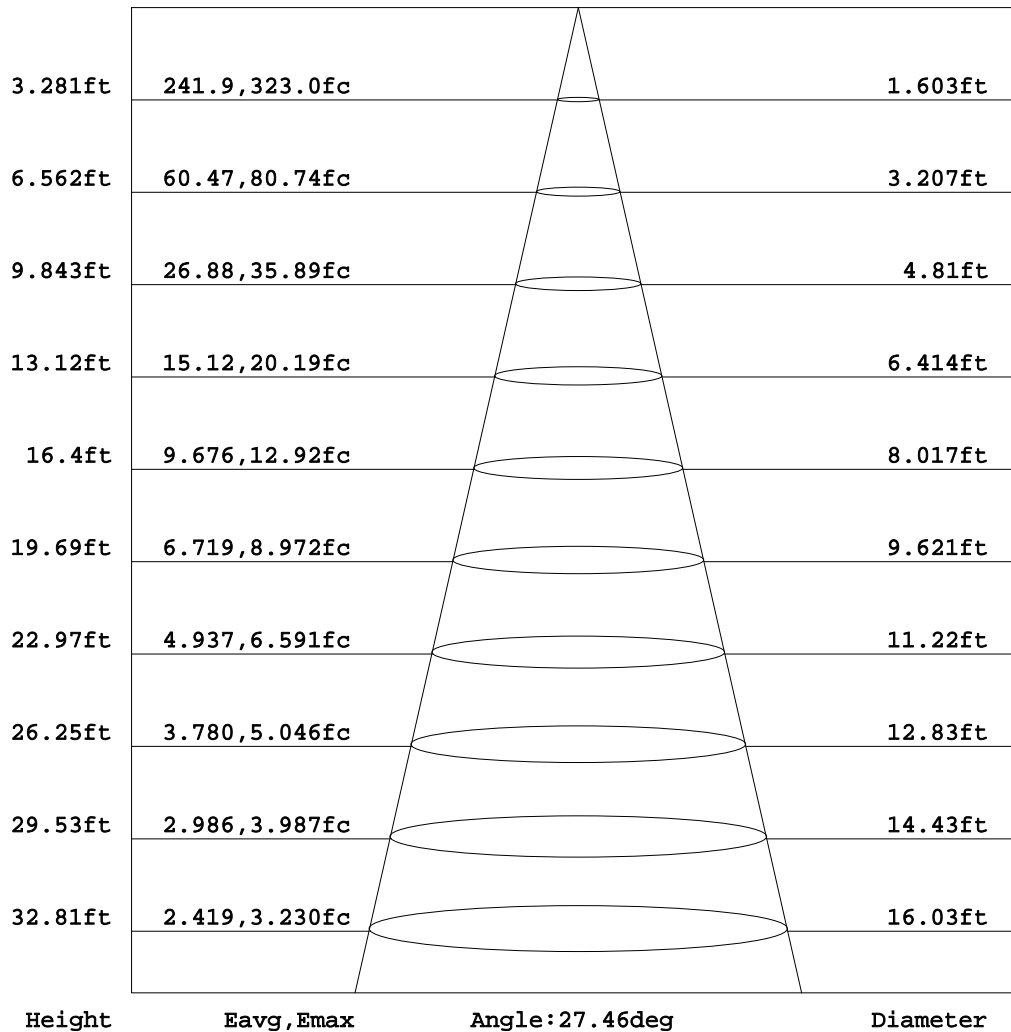


TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### AAI Figure

NAME: TLO030-61	TYPE:39D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:508.5 lm



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

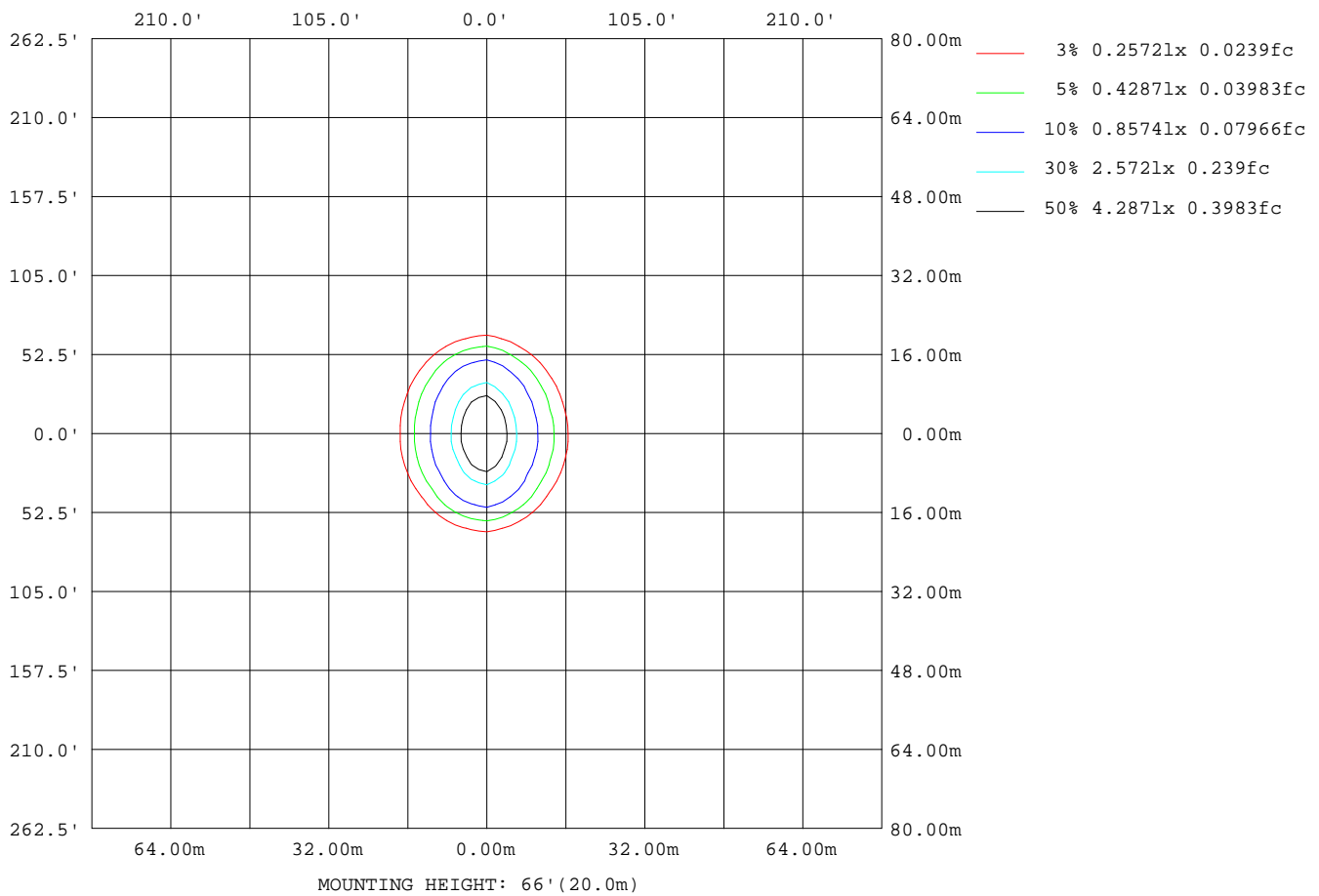
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-07

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### ISOLUX DIAGRAM

NAME: TLO030-61	TYPE: 39D	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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### LED Avg.L Report

NAME: TLO030-61	TYPE:39D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

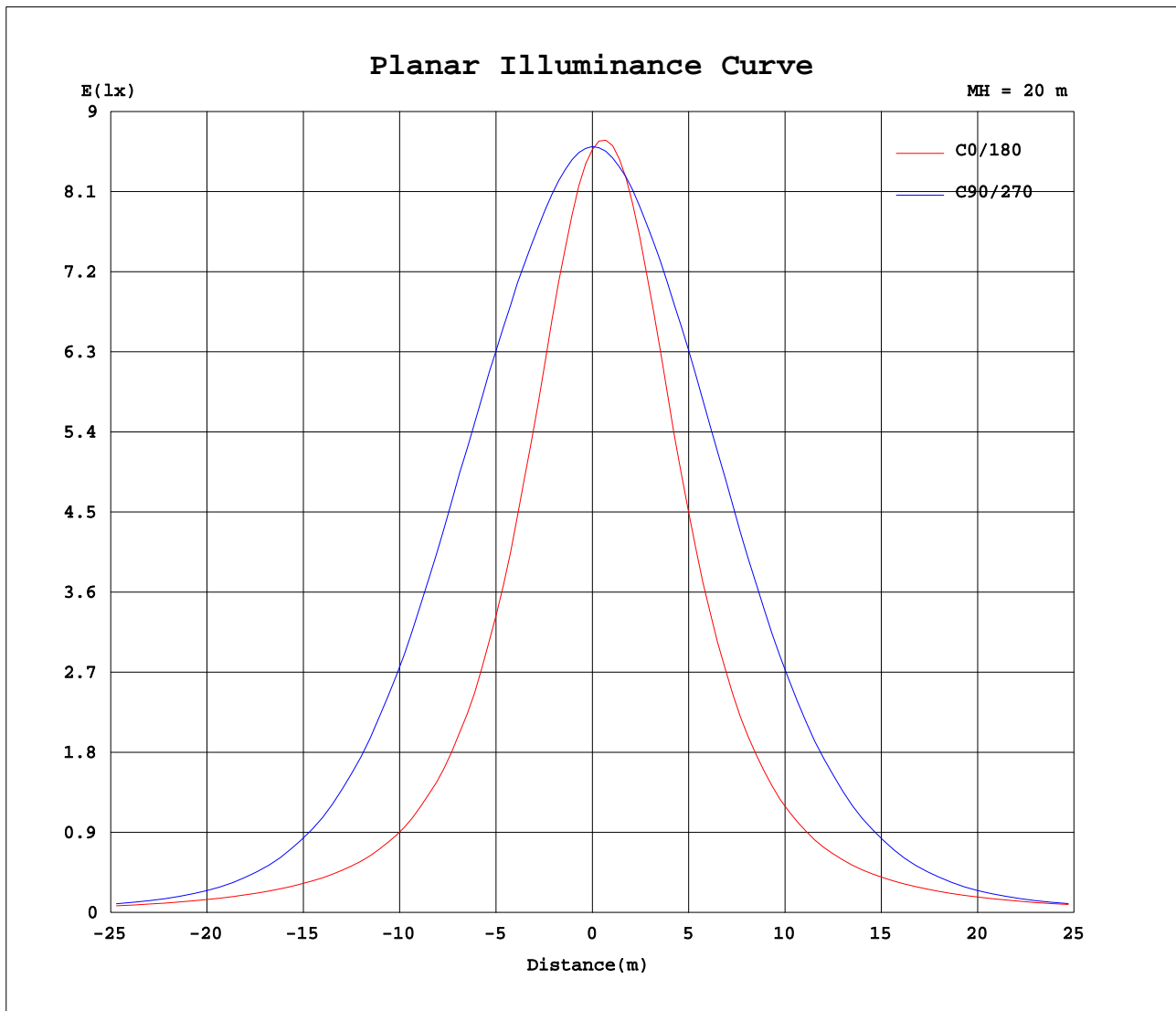
AvgL	cd/m2
L_0~180(65)av	16835
L_0~180(75)av	9855
L_0~180(85)av	2273
L_90~270(65)av	18442
L_90~270(75)av	10387
L_90~270(85)av	1237
L_45(65)av	16674
L_45(75)av	9745
L_45(85)av	1912

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:

TLO030-61 36V700mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO030-61	TYPE: 39D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	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	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436	3436			
5	2872	2934	3038	3208	3320	3389	3370	3381	3346	3342	3410	3398	3337	3196	3043	2889			
10	2046	2146	2382	2780	3046	3083	2879	2761	2652	2692	2946	3093	3061	2740	2383	2088			
15	1355	1450	1714	2277	2688	2619	2181	1958	1827	1899	2267	2629	2680	2194	1709	1395			
20	877	950	1166	1743	2230	2060	1515	1295	1190	1253	1607	2069	2208	1645	1164	911			
25	575	627	778	1252	1704	1502	1005	841	767	819	1074	1506	1681	1159	777	603			
30	393	427	528	849	1201	1020	673	552	504	545	713	1026	1183	783	523	411			
35	285	304	365	551	776	656	448	377	351	377	477	670	770	516	361	293			
40	216	226	257	354	474	412	308	272	259	273	328	420	471	336	255	218			
45	166	172	186	229	280	261	218	203	198	205	232	265	280	222	186	166			
50	129	131	138	155	174	172	159	155	153	156	169	174	175	152	138	128			
55	98.9	99.6	102	112	121	122	117	118	118	119	124	123	122	110	103	96.8			
60	72.9	73.3	74.7	82.6	89.3	89.8	86.9	89.3	89.5	89.4	91.8	90.7	89.4	79.1	74.4	71.3			
65	50.5	51.2	51.4	58.8	63.5	64.9	61.7	65.1	64.8	64.3	65.3	64.5	62.8	53.8	49.9	49.3			
70	31.6	32.8	32.8	38.1	41.1	43.6	41.3	43.7	42.3	42.8	43.2	41.7	39.2	31.7	30.2	30.8			
75	16.8	17.2	17.6	21.0	23.2	25.1	24.4	25.6	24.5	24.6	25.0	23.1	20.4	15.3	14.7	15.2			
80	5.33	6.04	6.26	7.94	9.03	11.1	10.5	12.8	11.7	11.9	10.2	8.64	6.12	3.95	3.79	4.54			
85	0.75	0.83	0.86	0.95	1.09	1.89	2.13	2.87	2.46	2.11	1.75	0.75	0.66	0.64	0.66	0.63			
90	0.88	0.96	0.96	0.97	0.92	0.88	0.81	0.80	0.68	0.66	0.70	0.73	0.78	0.78	0.78	0.78			
95	1.11	1.14	1.15	1.15	1.10	1.04	0.97	0.96	0.87	0.85	0.90	0.95	1.02	1.02	1.02	1.01			
100	1.40	1.44	1.49	1.52	1.49	1.37	1.25	1.21	1.11	1.11	1.17	1.28	1.37	1.38	1.33	1.31			
105	1.78	1.83	1.95	2.06	2.07	1.84	1.64	1.53	1.42	1.43	1.53	1.75	1.90	1.89	1.74	1.69			
110	2.27	2.34	2.63	2.86	2.91	2.53	2.17	1.95	1.81	1.86	2.03	2.42	2.67	2.64	2.32	2.19			
115	2.97	3.09	3.59	3.99	4.09	3.53	2.95	2.53	2.32	2.42	2.75	3.41	3.77	3.71	3.16	2.89			
120	3.98	4.17	4.96	5.53	5.60	4.92	4.06	3.35	3.03	3.23	3.79	4.75	5.25	5.16	4.42	3.93			
125	5.48	5.81	6.88	7.44	7.49	6.71	5.63	4.60	4.08	4.45	5.31	6.51	7.06	7.06	6.18	5.47			
130	7.73	8.10	9.30	9.70	9.70	8.88	7.76	6.41	5.67	6.19	7.33	8.63	9.20	9.28	8.49	7.71			
135	10.7	11.1	12.1	12.2	12.1	11.4	10.3	8.94	7.96	8.63	9.85	11.0	11.6	11.7	11.2	10.6			
140	14.3	14.4	14.9	14.8	14.6	14.0	13.2	12.1	11.1	11.7	12.7	13.7	14.0	14.4	14.2	14.0			
145	17.8	17.7	17.7	17.2	16.9	16.5	16.2	15.6	14.7	15.1	15.7	16.2	16.4	16.8	17.0	17.3			
150	20.7	20.4	20.0	19.0	18.8	18.8	19.0	18.9	18.2	18.4	18.5	18.5	18.3	18.7	19.4	20.2			
155	22.7	22.2	21.4	20.4	20.2	20.6	21.2	21.5	21.1	21.1	20.7	20.3	19.8	20.1	21.0	22.0			
160	23.3	22.7	22.0	21.2	21.2	21.9	22.6	23.1	22.9	22.7	22.3	21.5	20.8	20.8	21.5	22.7			
165	22.9	22.3	21.6	21.5	21.8	22.5	23.1	23.8	23.7	23.6	22.9	22.1	21.4	21.1	21.3	22.3			
170	21.9	21.3	21.2	21.5	21.9	22.5	23.0	23.6	23.3	23.4	23.0	22.3	21.7	21.4	21.1	21.4			
175	21.0	20.9	21.6	21.8	22.0	22.5	22.9	22.9	22.3	22.8	23.0	22.4	22.0	22.1	21.7	21.1			
180	21.5	21.8	22.5	22.3	22.3	22.4	22.5	22.0	21.5	21.8	22.5	22.3	22.3	22.4	22.5	22.0			

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