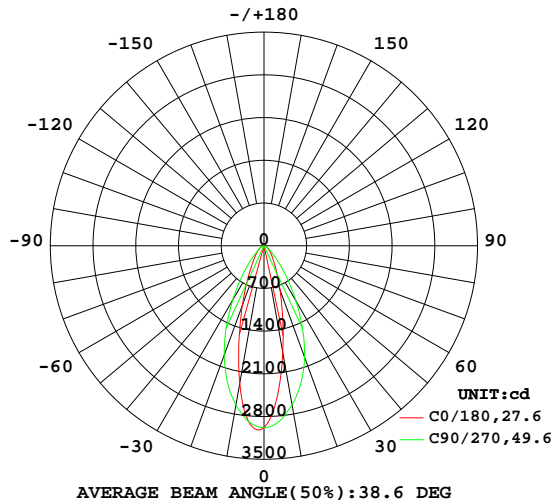


## LUMINAIRE PHOTOMETRIC TEST REPORT

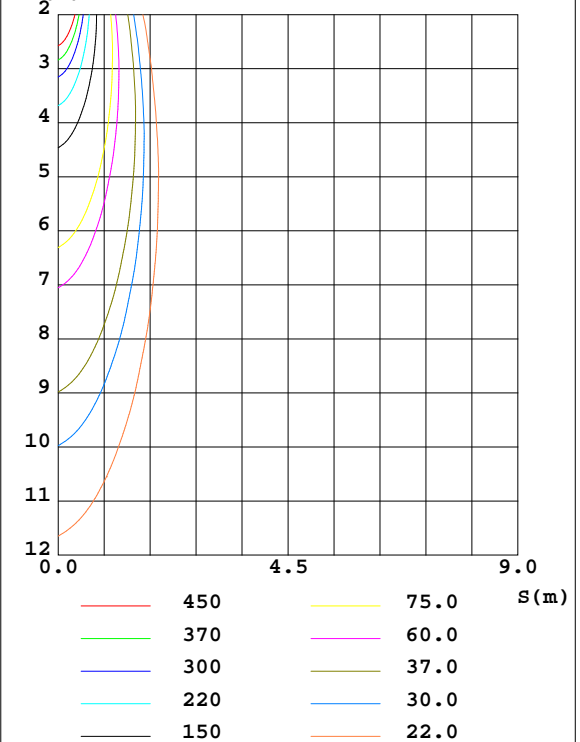
NAME: TLO025-61	TYPE: 39D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.85 lm/W			
MODEL		I <sub>max</sub> (cd)	3030	S/MH(C0/180)	0.52
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1781.9	η UP, DN(C0-180)	1.2, 48.5
NOMINAL FLUX(lm)	1781.94	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 49.1
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: 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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1776	2067	2647	2503	2290	2546	2648	2071	0- 10	250.8	250.8	14.1,14.1
20	767.8	1016	1943	1324	1036	1388	1910	1013	10- 20	491.9	742.7	41.7,41.7
30	346.4	462.0	1051	585.6	442.5	617.0	1025	458.6	20- 30	419.2	1162	65.2,65.2
40	189.3	227.7	423.8	271.3	228.0	285.7	407.2	224.3	30- 40	264.0	1426	80,80
50	113.8	120.9	152.8	139.4	134.5	148.2	153.6	120.4	40- 50	150.2	1576	88.4,88.4
60	64.09	65.05	78.54	76.36	79.01	81.13	78.46	65.15	50- 60	89.90	1666	93.5,93.5
70	27.72	28.75	36.24	36.29	37.23	38.22	34.38	26.54	60- 70	51.61	1718	96.4,96.4
80	4.598	5.374	7.828	9.252	10.38	8.974	5.327	3.316	70- 80	19.93	1738	97.5,97.5
90	0.7757	0.8406	0.7972	0.7087	0.5929	0.6151	0.6872	0.6881	80- 90	2.346	1740	97.6,97.6
100	1.229	1.306	1.295	1.095	0.9765	1.025	1.210	1.164	90-100	0.9872	1741	97.7,97.7
110	1.998	2.290	2.543	1.899	1.591	1.787	2.361	2.036	100-110	1.647	1743	97.8,97.8
120	3.490	4.331	4.885	3.549	2.664	3.326	4.616	3.870	110-120	2.816	1745	97.9,97.9
130	6.753	8.031	8.384	6.757	4.966	6.417	8.073	7.442	120-130	4.743	1750	98.2,98.2
140	12.45	12.96	12.71	11.51	9.637	11.12	12.28	12.40	130-140	7.218	1757	98.6,98.6
150	18.05	17.36	16.34	16.49	15.86	16.10	15.98	16.91	140-150	8.959	1766	99.1,99.1
160	20.26	19.13	18.44	19.67	19.93	19.39	18.18	18.75	150-160	8.365	1775	99.6,99.6
170	19.06	18.49	19.05	20.06	20.25	20.00	18.94	18.37	160-170	5.499	1780	99.9,99.9
180	18.73	19.57	19.45	19.58	18.74	19.58	19.47	19.58	170-180	1.835	1782	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

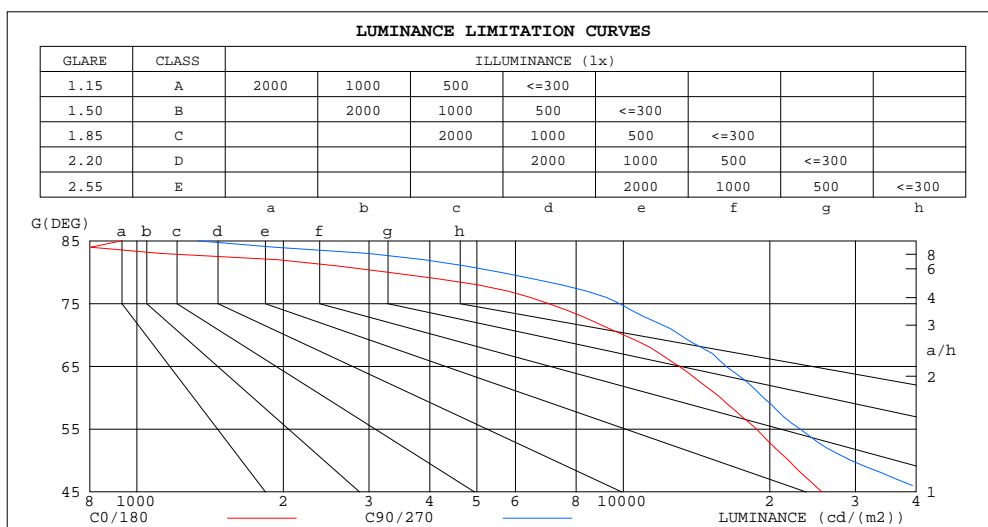
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:LXJ  
 Test Date:2024-12-07

$\gamma$  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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## LUMINANCE LIMITATION CURVES

NAME: TLO025-61	TYPE: 39D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 90	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	931	1336
80	3273	5570
75	7014	9827
70	10016	13091
65	13018	16253
60	15842	19409
55	18791	23095
50	21879	29370
45	25583	43102

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

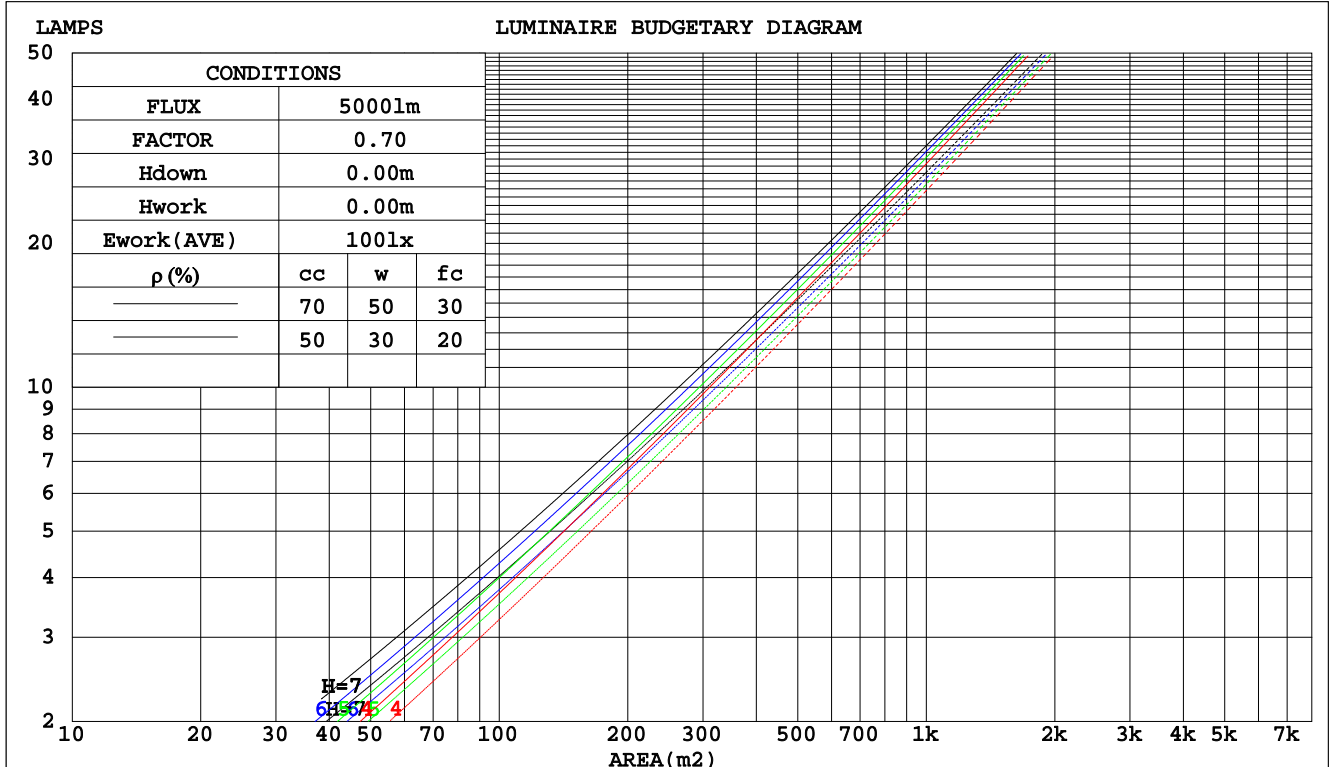
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-61	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	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	.91	.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	.76	.86	.80	.76	.83	.78	.75	.81	.77	.74	.79	.75	.72	.71
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.70	.67	.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	.62	.59	.58
8.0	.68	.61	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.54
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.57	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.50	.57	.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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### WEC AND CCEC

NAME: TLO025-61	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	.188	.107	.034	.174	.100	.032	.161	.093	.030	.149	.086	.028		
2.0	.187	.102	.031	.180	.099	.031	.168	.094	.029	.157	.088	.028	.147	.083	.026		
3.0	.176	.094	.028	.171	.092	.028	.161	.087	.026	.151	.083	.025	.142	.079	.024		
4.0	.166	.087	.025	.162	.085	.025	.153	.081	.024	.144	.077	.023	.136	.074	.023		
5.0	.157	.080	.023	.153	.078	.023	.145	.075	.022	.137	.073	.022	.131	.070	.021		
6.0	.149	.074	.021	.145	.073	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020		
7.0	.141	.070	.020	.137	.068	.020	.131	.066	.019	.125	.064	.019	.120	.062	.018		
8.0	.134	.065	.018	.131	.064	.018	.125	.062	.018	.120	.061	.017	.115	.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	.106	.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	.103	.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	.054	.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	.079	.054	.037	.046	.032	.022	.015	.010	.007	
8.0	.126	.083	.054	.109	.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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

UGR(Unified Glare Rating) Table

NAME: TLO025-61					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	2H	17.2	18.2	17.4	18.4	18.6	19.4	20.4	19.7	20.6	20.8
	3H	17.7	18.7	18.0	18.9	19.1	19.8	20.7	20.1	21.0	21.2
	4H	17.9	18.7	18.2	19.0	19.3	19.9	20.8	20.2	21.0	21.3
	6H	17.8	18.7	18.2	18.9	19.2	19.9	20.7	20.2	21.0	21.3
	8H	17.8	18.6	18.1	18.9	19.2	19.9	20.6	20.2	20.9	21.3
	12H	17.7	18.5	18.1	18.8	19.1	19.8	20.6	20.2	20.9	21.2
4H	2H	17.5	18.3	17.8	18.6	18.9	19.4	20.3	19.7	20.5	20.8
	3H	18.1	18.9	18.5	19.2	19.5	19.9	20.7	20.3	21.0	21.3
	4H	18.3	19.0	18.7	19.3	19.7	20.1	20.8	20.5	21.1	21.5
	6H	18.3	18.9	18.7	19.3	19.7	20.1	20.7	20.5	21.1	21.5
	8H	18.3	18.8	18.7	19.2	19.6	20.1	20.6	20.5	21.0	21.5
	12H	18.2	18.7	18.7	19.1	19.6	20.0	20.6	20.5	21.0	21.4
8H	4H	18.3	18.9	18.7	19.3	19.7	20.0	20.6	20.5	21.0	21.4
	6H	18.3	18.8	18.8	19.2	19.7	20.1	20.5	20.5	21.0	21.4
	8H	18.3	18.7	18.8	19.2	19.7	20.1	20.5	20.5	20.9	21.4
	12H	18.2	18.6	18.8	19.1	19.6	20.0	20.3	20.5	20.8	21.3
12H	4H	18.3	18.8	18.7	19.2	19.6	20.0	20.5	20.4	20.9	21.3
	6H	18.3	18.7	18.8	19.2	19.7	20.0	20.4	20.5	20.9	21.4
	8H	18.3	18.6	18.8	19.1	19.6	20.0	20.3	20.5	20.8	21.4
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, 1782 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### UTILIZATION FACTORS TABLE

NAME: TLO025-61	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	66	62
0.80	87	80	75	86	80	75	85	79	75	70
1.00	93	86	82	92	85	81	90	85	80	76
1.25	98	91	87	96	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 <span style="float:right">Suspended<span style="margin-left: 100px;">SHRNM = 1.25</span></span>										

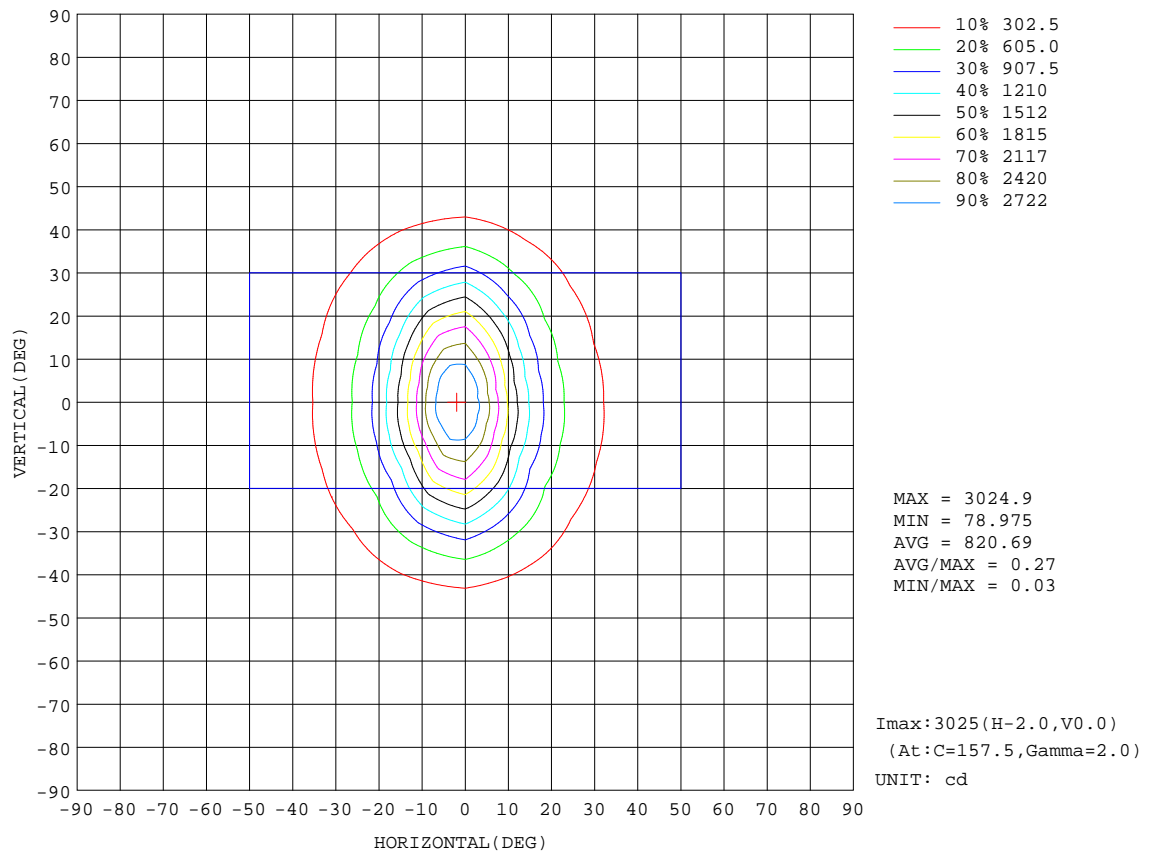
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-07

$\gamma$  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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### ISOCANDELA DIAGRAM

NAME: TLO025-61	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  
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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:

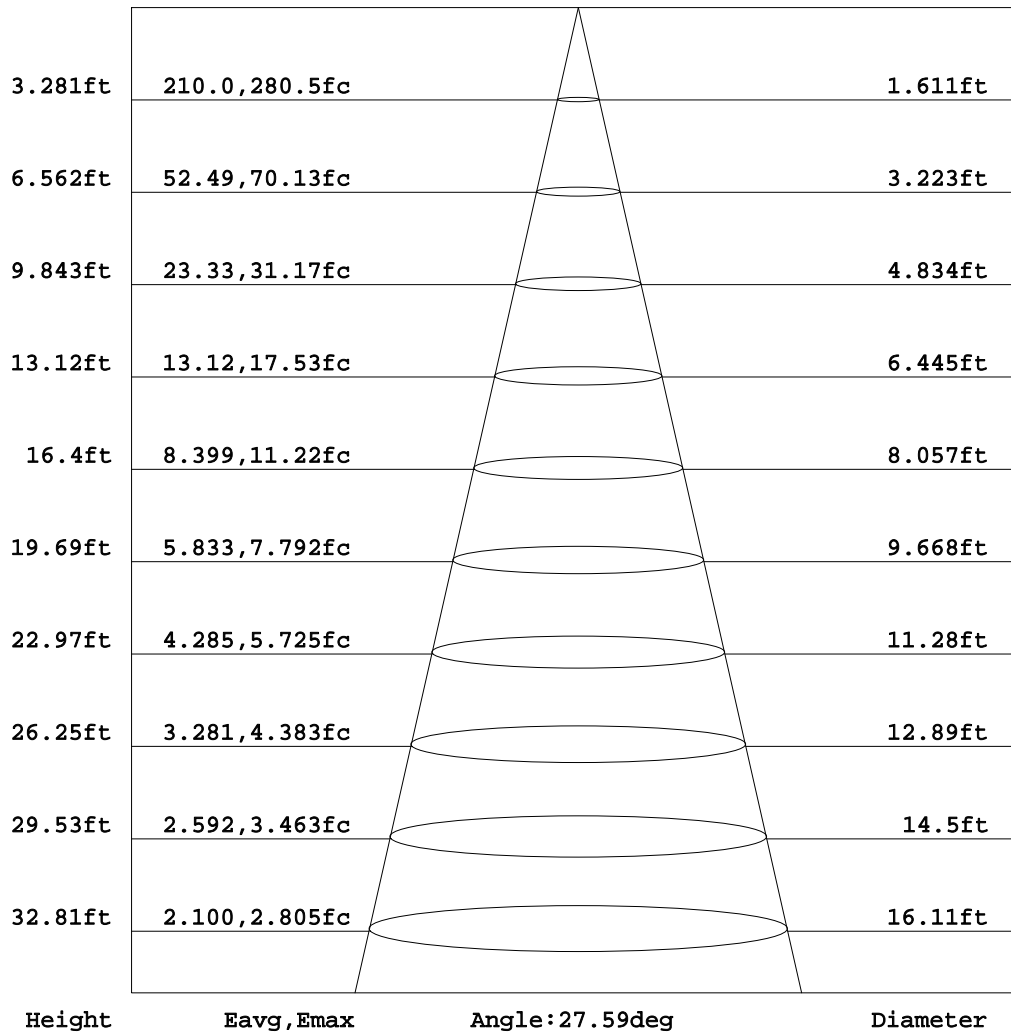


TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### AAI Figure

NAME: TLO025-61	TYPE:39D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

Flux out:441.4 lm



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

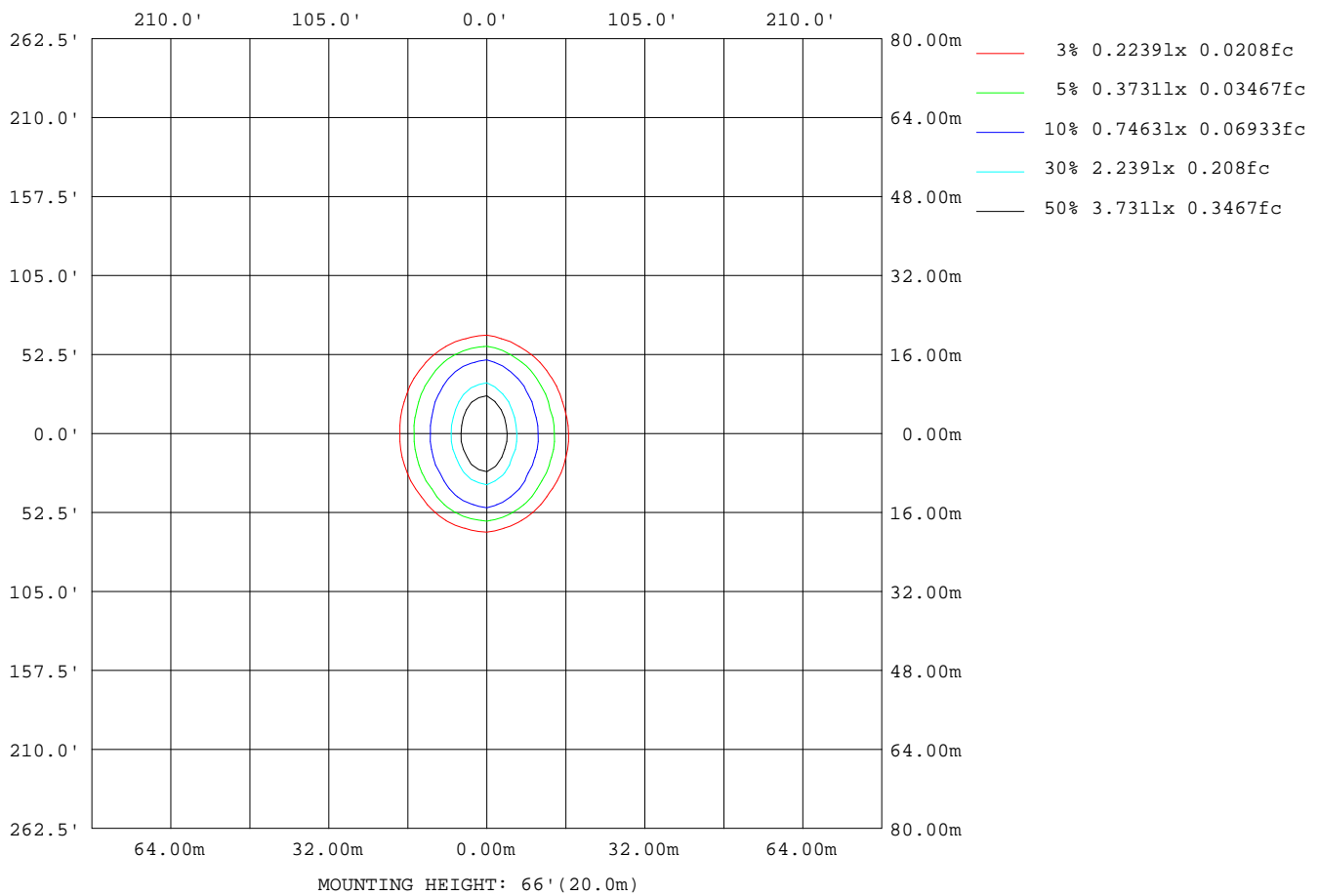
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

### ISOLUX DIAGRAM

NAME: TLO025-61	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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## LED Avg.L Report

NAME: TLO025-61	TYPE:39D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:90	Shielding Angle:

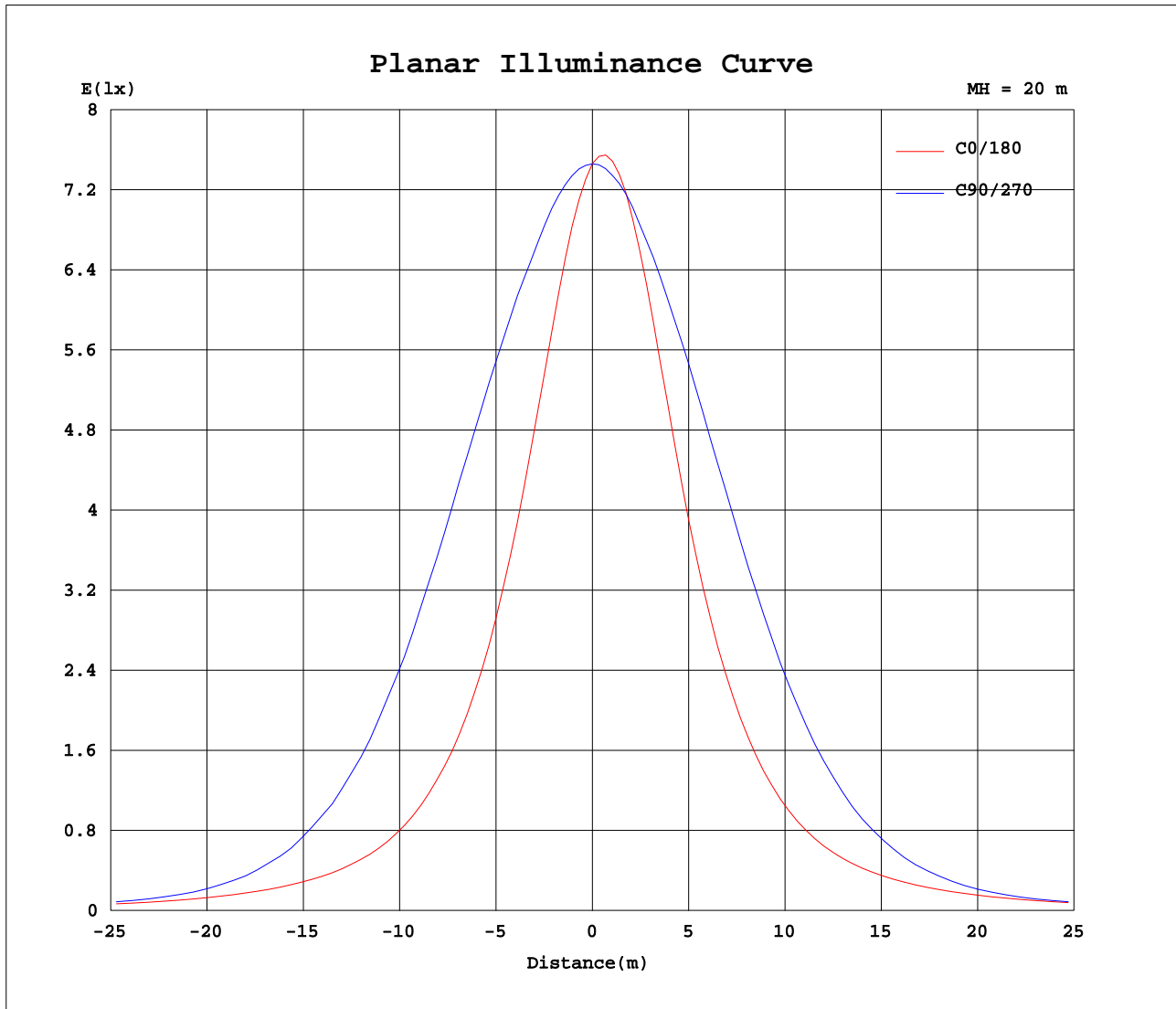
AvgL	cd/m2
L_0~180(65)av	14851
L_0~180(75)av	8657
L_0~180(85)av	2018
L_90~270(65)av	16165
L_90~270(75)av	9162
L_90~270(85)av	1074
L_45(65)av	14652
L_45(75)av	8530
L_45(85)av	1692

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:

TLO025-61 36V600mA BXEP-30G-1C5-36C-00-000 39D 3000K CRI90 NA 15X55

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-61	TYPE: 39D	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	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982	2982			
5	2491	2548	2637	2785	2888	2940	2925	2935	2896	2900	2948	2939	2893	2766	2645	2507			
10	1776	1873	2067	2413	2647	2673	2503	2398	2290	2341	2546	2668	2648	2373	2071	1813			
15	1178	1276	1494	1972	2339	2269	1900	1707	1584	1649	1966	2264	2318	1903	1486	1214			
20	768	839	1016	1518	1943	1793	1324	1132	1036	1090	1388	1786	1910	1431	1013	796			
25	507	555	690	1090	1490	1310	880	736	670	712	929	1305	1458	1013	679	528			
30	346	377	462	745	1051	895	586	485	442	476	617	889	1025	689	459	360			
35	250	268	320	487	694	579	393	332	309	329	415	579	667	452	316	257			
40	189	199	228	312	424	365	271	239	228	239	286	364	407	294	224	191			
45	146	151	163	202	247	231	192	179	174	180	203	231	242	194	163	146			
50	114	115	121	137	153	153	139	136	135	138	148	151	154	133	120	112			
55	87.2	87.6	89.9	98.4	107	107	103	104	104	105	110	108	107	96.0	90.0	85.0			
60	64.1	64.6	65.1	72.6	78.5	78.8	76.4	78.5	79.0	78.6	81.1	79.5	78.5	69.6	65.2	62.3			
65	44.5	45.2	44.9	51.5	55.6	56.8	54.3	57.2	57.2	56.6	57.6	56.6	55.1	47.3	43.8	43.3			
70	27.7	28.8	28.8	33.3	36.2	38.2	36.3	38.4	37.2	37.7	38.2	36.5	34.4	27.9	26.5	27.1			
75	14.7	15.1	15.3	18.4	20.6	21.9	21.3	22.5	21.6	21.6	22.1	20.2	17.8	13.4	12.9	13.2			
80	4.60	5.28	5.37	6.99	7.83	9.68	9.25	11.2	10.4	10.5	8.97	7.55	5.33	3.45	3.32	3.98			
85	0.66	0.73	0.76	0.83	0.94	1.67	1.89	2.51	2.19	1.87	1.56	0.65	0.57	0.56	0.57	0.56			
90	0.78	0.84	0.84	0.84	0.80	0.77	0.71	0.70	0.59	0.58	0.62	0.63	0.69	0.68	0.69	0.68			
95	0.97	1.01	1.00	1.00	0.96	0.91	0.85	0.84	0.76	0.75	0.79	0.83	0.89	0.89	0.89	0.88			
100	1.23	1.26	1.31	1.32	1.30	1.19	1.09	1.06	0.98	0.97	1.03	1.11	1.21	1.21	1.16	1.15			
105	1.56	1.61	1.70	1.80	1.80	1.60	1.43	1.34	1.25	1.26	1.35	1.53	1.68	1.66	1.53	1.48			
110	2.00	2.05	2.29	2.48	2.54	2.21	1.90	1.71	1.59	1.63	1.79	2.13	2.36	2.32	2.04	1.91			
115	2.61	2.70	3.13	3.46	3.56	3.08	2.58	2.21	2.04	2.12	2.42	2.99	3.32	3.26	2.78	2.53			
120	3.49	3.65	4.33	4.79	4.88	4.27	3.55	2.94	2.66	2.83	3.33	4.18	4.62	4.54	3.87	3.43			
125	4.79	5.08	5.96	6.45	6.49	5.83	4.91	4.01	3.58	3.88	4.66	5.68	6.21	6.18	5.43	4.77			
130	6.75	7.06	8.03	8.40	8.38	7.71	6.76	5.60	4.97	5.40	6.42	7.54	8.07	8.12	7.44	6.72			
135	9.38	9.63	10.4	10.6	10.5	9.86	9.00	7.80	6.96	7.54	8.62	9.65	10.1	10.3	9.83	9.28			
140	12.4	12.5	13.0	12.8	12.7	12.1	11.5	10.5	9.64	10.2	11.1	11.9	12.3	12.5	12.4	12.2			
145	15.5	15.4	15.4	14.9	14.7	14.4	14.1	13.5	12.8	13.2	13.7	14.1	14.3	14.6	14.9	15.1			
150	18.1	17.7	17.4	16.5	16.3	16.3	16.5	16.4	15.9	16.0	16.1	16.1	16.0	16.3	16.9	17.5			
155	19.7	19.3	18.7	17.7	17.6	17.9	18.4	18.7	18.4	18.3	18.0	17.7	17.3	17.5	18.3	19.1			
160	20.3	19.8	19.1	18.4	18.4	19.0	19.7	20.1	19.9	19.8	19.4	18.7	18.2	18.1	18.7	19.7			
165	20.0	19.4	18.8	18.7	19.0	19.6	20.1	20.7	20.6	20.5	20.0	19.3	18.7	18.4	18.6	19.4			
170	19.1	18.6	18.5	18.7	19.0	19.5	20.1	20.6	20.2	20.4	20.0	19.4	18.9	18.7	18.4	18.6			
175	18.3	18.3	18.9	19.0	19.2	19.5	19.9	19.9	19.4	19.8	20.0	19.5	19.2	19.2	18.9	18.4			
180	18.7	19.0	19.6	19.4	19.4	19.5	19.6	19.1	18.7	19.0	19.6	19.4	19.5	19.5	19.6	19.1			

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