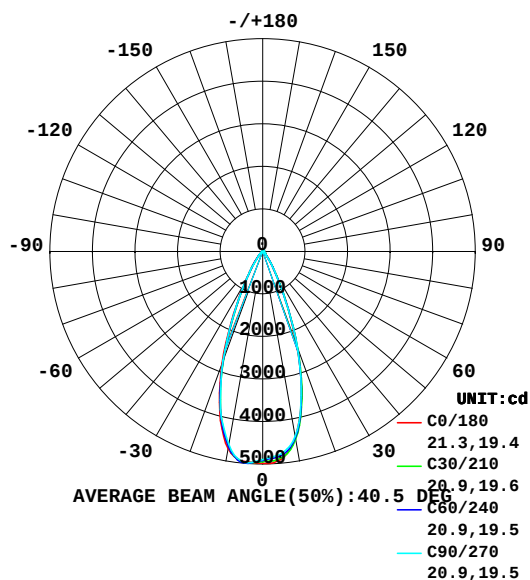


LUMINAIRE PHOTOMETRIC TEST REPORT

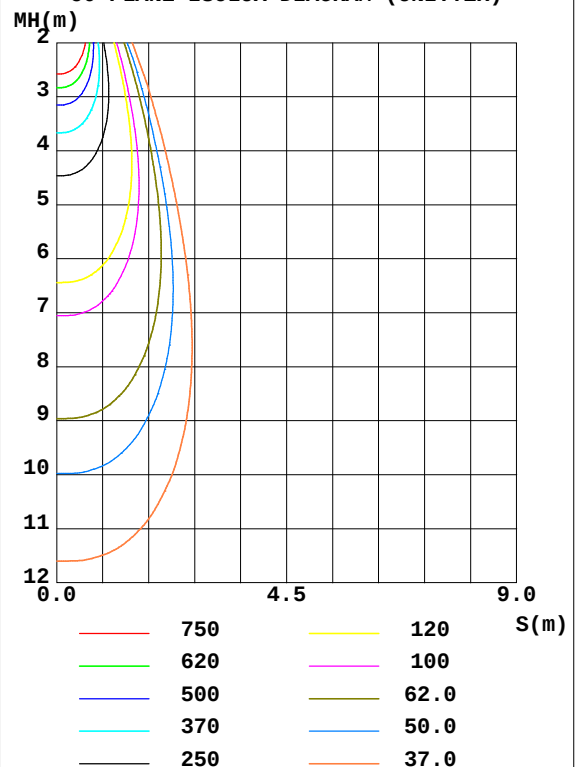
Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.34 lm/W			
MODEL	PS-TL25W40KD3880RA-D	Imax(cd)	4993	S/MH(C0/180)	0.61
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2627.7	η UP, DN(C0-180)	1.7, 44.9
NOMINAL FLUX(lm)	2627.71	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.7, 51.7
LAMPS INSIDE	1	η up(%)	3.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.6	η down(%)	96.6	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

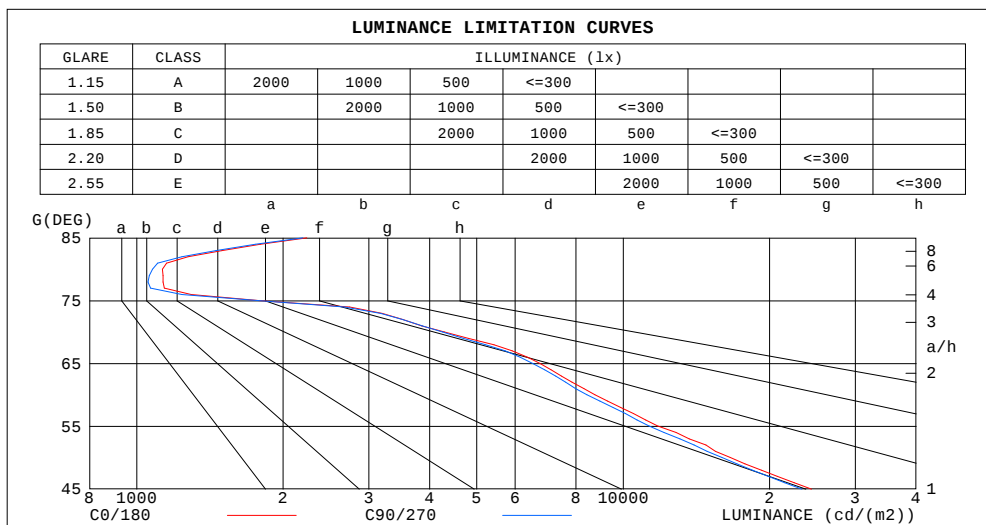
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4435	4463	4414	4339	4709	4654	4603	4602	0- 10	455.5	455.5	17.3,17.3
20	2352	2387	2376	2310	2705	2709	2728	2794	10- 20	998.0	1453	55.3,55.3
30	655.8	654.8	636.6	627.3	838.0	788.6	816.4	869.2	20- 30	674.4	2128	81,81
40	176.6	176.3	168.0	166.9	223.1	205.7	206.1	228.0	30- 40	249.7	2378	90.5,90.5
50	64.06	63.28	61.56	61.00	78.99	73.70	73.54	79.06	40- 50	90.49	2468	93.9,93.9
60	26.22	26.00	25.24	25.26	32.23	30.48	30.64	32.83	50- 60	40.72	2509	95.5,95.5
70	8.803	8.941	8.720	8.490	13.00	13.25	13.59	14.40	60- 70	19.10	2528	96.2,96.2
80	1.177	1.167	1.122	1.104	4.992	4.960	4.932	4.920	70- 80	6.291	2534	96.4,96.4
90	1.549	1.501	1.528	1.574	5.607	5.668	5.576	5.518	80- 90	3.481	2538	96.6,96.6
100	3.294	3.227	3.299	3.371	6.613	6.563	6.482	6.420	90-100	4.551	2542	96.7,96.7
110	6.852	6.740	6.837	6.921	8.094	8.042	7.936	7.858	100-110	6.381	2549	97,97
120	11.76	11.58	11.63	11.74	10.58	10.54	10.39	10.29	110-120	9.049	2558	97.3,97.3
130	17.50	17.22	17.16	17.33	14.83	14.77	14.54	14.38	120-130	11.97	2570	97.8,97.8
140	23.64	23.25	22.91	23.28	20.82	20.66	20.15	20.16	130-140	14.51	2584	98.3,98.3
150	30.47	29.76	28.98	29.64	28.09	27.60	26.66	27.00	140-150	15.71	2600	98.9,98.9
160	36.08	35.13	34.33	34.62	34.73	33.56	32.52	32.89	150-160	14.54	2614	99.5,99.5
170	37.30	36.29	35.69	35.61	36.57	35.06	34.26	34.53	160-170	9.947	2624	99.9,99.9
180	38.59	37.23	36.45	36.51	38.77	37.23	36.33	36.53	170-180	3.433	2628	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2238	2196
80	1130	1077
75	1786	1780
70	4290	4249
65	6738	6511
60	8739	8414
55	11795	11311
50	16611	15962
45	24385	23292

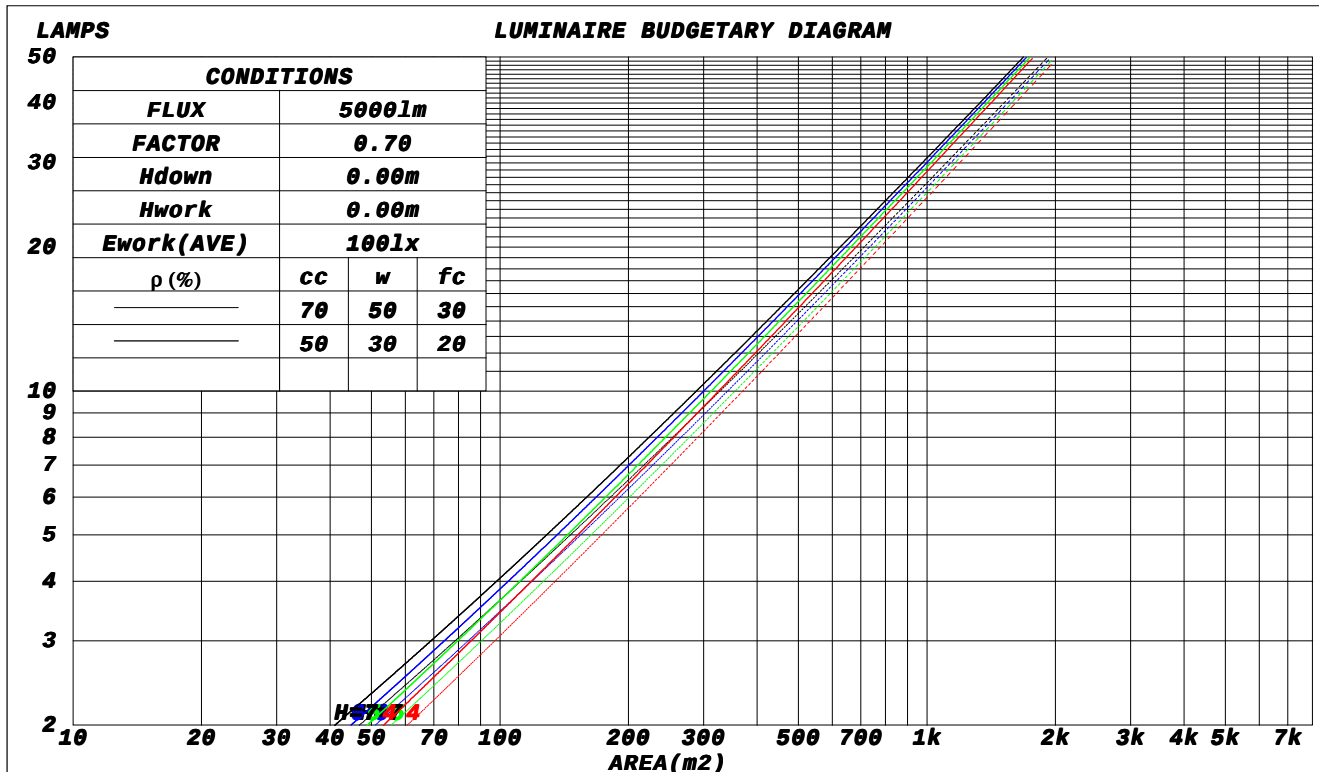
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE:LED	
MFR.:		

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.02	1.00	.99	.98	.97	.95	.94	.93	.91
2.0	1.04	.99	.97	1.02	.98	.95	.98	.95	.93	.94	.92	.90	.91	.89	.88	.86
3.0	.97	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.85	.87	.85	.83	.81
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.82	.80	.84	.81	.79	.77
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.76	.82	.78	.75	.80	.77	.75	.73
6.0	.83	.77	.73	.82	.77	.73	.80	.76	.72	.78	.74	.72	.77	.73	.71	.69
7.0	.79	.73	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.74	.70	.67	.66
8.0	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.72	.66	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.65	.62	.59	.58



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7063]
 Remarks:

WEC AND CCEC

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		

ρ_{CC}	80%			70%			50%			30%			10%			0	
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.168	.095	.030	.160	.091	.029	.146	.084	.027	.132	.076	.024	.120	.070	.022		
2.0	.158	.087	.027	.152	.084	.026	.139	.077	.024	.128	.072	.022	.118	.066	.021		
3.0	.149	.079	.024	.144	.077	.023	.133	.072	.022	.123	.067	.021	.114	.063	.020		
4.0	.141	.073	.022	.136	.071	.021	.127	.067	.020	.118	.064	.019	.110	.060	.018		
5.0	.133	.068	.020	.129	.066	.019	.121	.063	.019	.114	.060	.018	.107	.057	.017		
6.0	.127	.064	.018	.123	.062	.018	.116	.059	.017	.109	.057	.017	.103	.054	.016		
7.0	.121	.060	.017	.117	.058	.017	.111	.056	.016	.105	.054	.016	.099	.052	.015		
8.0	.115	.056	.016	.112	.055	.016	.106	.053	.015	.101	.051	.015	.096	.049	.014		
9.0	.110	.053	.015	.107	.052	.015	.102	.051	.014	.097	.049	.014	.093	.047	.014		
10.0	.106	.051	.014	.103	.050	.014	.098	.048	.014	.094	.047	.013	.090	.045	.013		

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.217	.217	.217	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.197	.184	.172	.168	.158	.148	.115	.108	.102	.066	.063	.060	.021	.020	.019	
2.0	.181	.159	.141	.155	.137	.122	.106	.095	.085	.061	.055	.050	.020	.018	.016	
3.0	.168	.140	.118	.144	.121	.102	.099	.084	.072	.057	.049	.042	.018	.016	.014	
4.0	.157	.125	.101	.135	.108	.088	.093	.075	.062	.054	.044	.037	.017	.014	.012	
5.0	.148	.114	.088	.127	.098	.077	.087	.069	.054	.051	.040	.032	.016	.013	.011	
6.0	.140	.104	.079	.120	.090	.068	.083	.063	.048	.048	.037	.029	.016	.012	.010	
7.0	.133	.096	.071	.114	.084	.062	.079	.059	.044	.046	.035	.026	.015	.011	.009	
8.0	.127	.090	.065	.109	.078	.056	.076	.055	.040	.044	.032	.024	.014	.011	.008	
9.0	.122	.085	.060	.105	.074	.052	.073	.052	.037	.042	.031	.022	.014	.010	.007	
10.0	.117	.080	.056	.101	.070	.049	.070	.049	.035	.041	.029	.021	.013	.010	.007	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm										
NAME: PS-TL25W40KD3880RA-D					TYPE: LED					
MFR.:										
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	13.3	14.1	13.6	14.3	14.5	13.0	13.8	13.3	14.1	14.3
3H	13.3	14.1	13.6	14.3	14.6	13.0	13.8	13.3	14.0	14.3
4H	13.2	14.0	13.6	14.2	14.5	13.0	13.7	13.3	14.0	14.2
6H	13.1	13.8	13.5	14.1	14.4	12.9	13.6	13.2	13.9	14.2
8H	13.1	13.7	13.5	14.1	14.4	12.8	13.5	13.2	13.8	14.1
12H	13.1	13.7	13.4	14.0	14.3	12.8	13.4	13.2	13.7	14.1
4H 2H	13.2	13.9	13.5	14.2	14.5	12.9	13.7	13.3	13.9	14.2
3H	13.2	13.8	13.6	14.2	14.5	13.0	13.6	13.3	13.9	14.3
4H	13.2	13.7	13.6	14.1	14.5	12.9	13.5	13.3	13.8	14.2
6H	13.1	13.6	13.5	14.0	14.4	12.8	13.3	13.2	13.7	14.1
8H	13.0	13.5	13.5	13.9	14.3	12.8	13.2	13.2	13.6	14.1
12H	13.0	13.4	13.4	13.8	14.3	12.7	13.1	13.2	13.6	14.0
8H 4H	13.0	13.5	13.5	13.9	14.3	12.8	13.2	13.2	13.7	14.1
6H	12.9	13.3	13.4	13.8	14.2	12.7	13.1	13.2	13.5	14.0
8H	12.9	13.2	13.4	13.7	14.2	12.6	13.0	13.1	13.4	13.9
12H	12.8	13.1	13.4	13.6	14.2	12.6	12.9	13.1	13.4	13.9
12H 4H	13.0	13.4	13.4	13.8	14.3	12.7	13.1	13.2	13.6	14.0
6H	12.9	13.2	13.4	13.7	14.2	12.6	13.0	13.1	13.4	13.9
8H	12.8	13.1	13.3	13.6	14.1	12.6	12.9	13.1	13.4	13.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 3.6					+ 2.2 / - 3.5				
1.5H	+ 3.5 / - 2.7					+ 3.4 / - 2.6				
2.0H	+ 3.2 / - 2.7					+ 3.1 / - 2.6				

CIE Pub.117, 2628 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.4$)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		

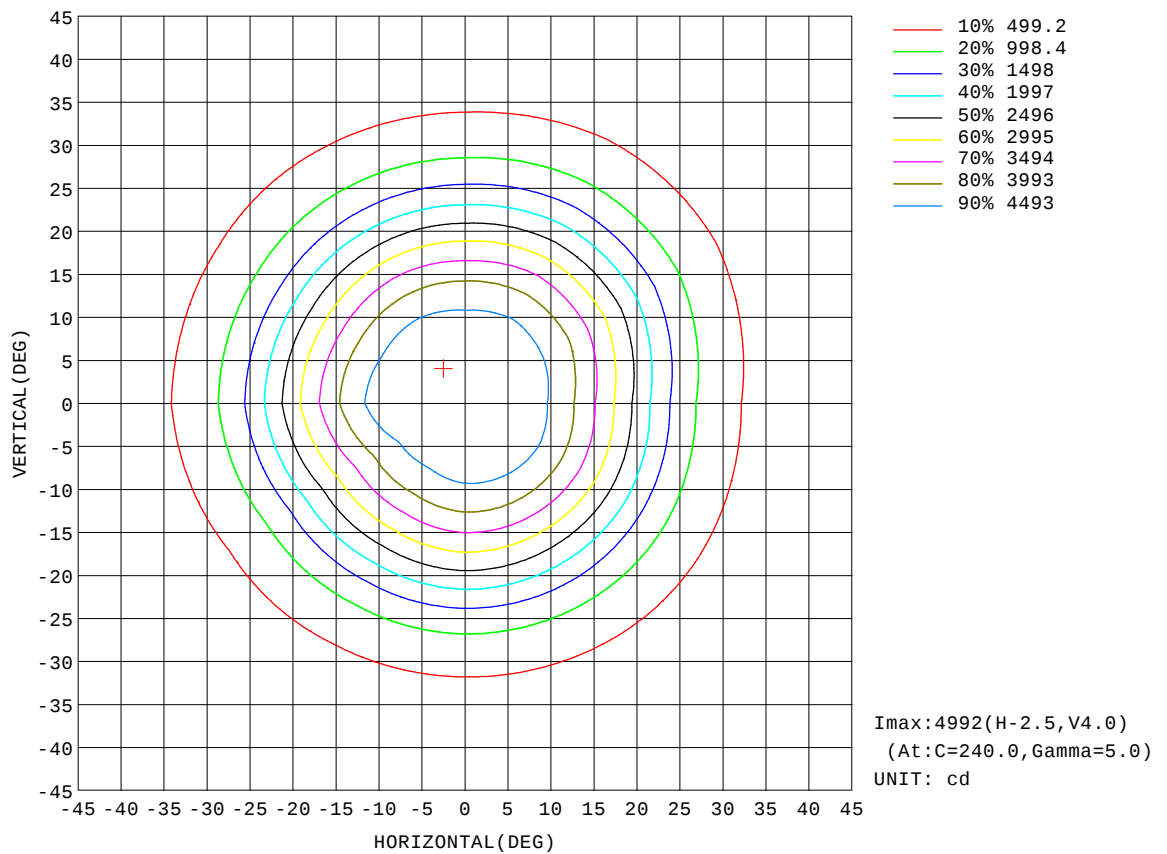
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	82	79
1.00	98	92	88	96	91	88	95	91	87	83
1.25	102	96	93	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	105	101	98	102	99	97	91
2.50	109	105	102	107	103	101	103	101	98	92
3.00	110	107	104	108	105	103	104	102	100	93
4.00	113	110	107	110	108	106	106	104	103	94
5.00	114	112	110	111	109	108	107	105	104	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		

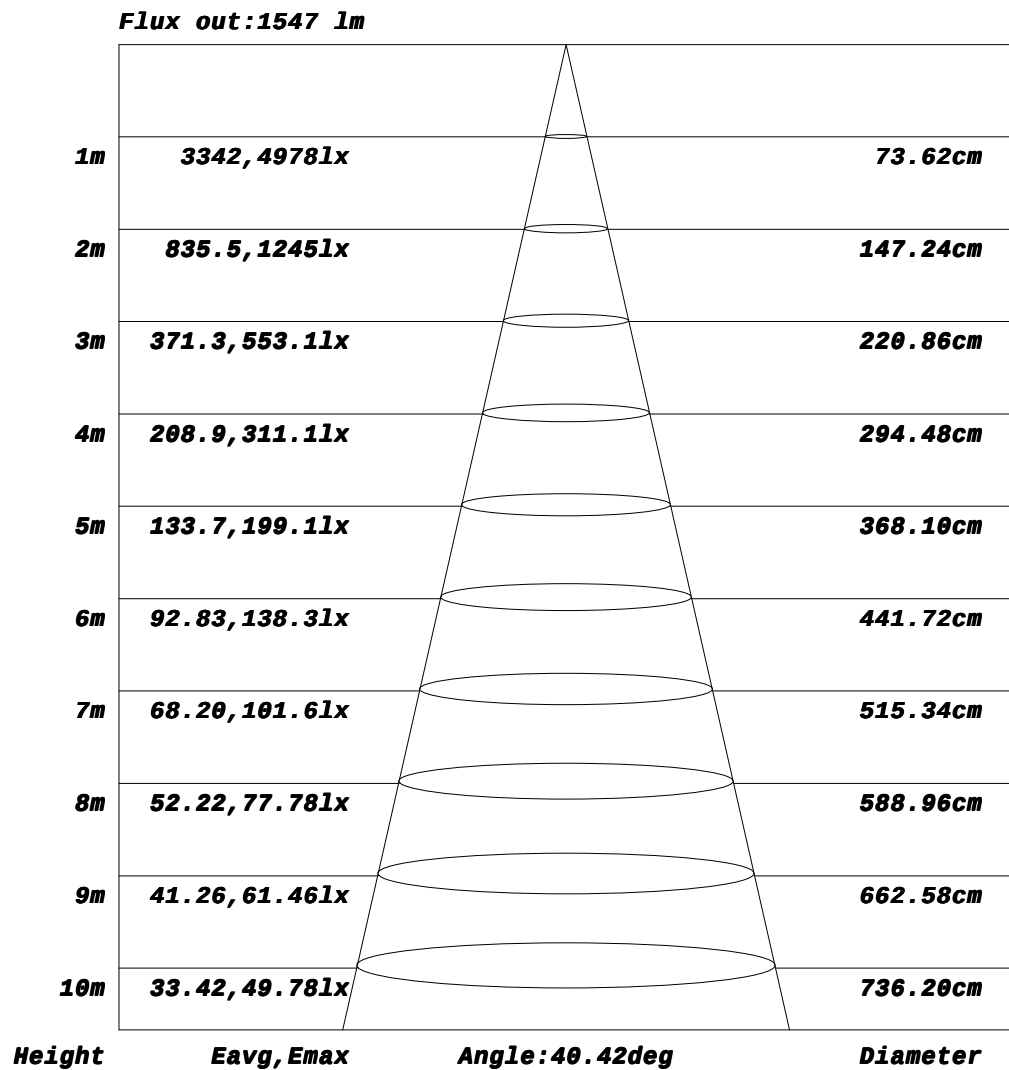


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

AAI Figure

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		



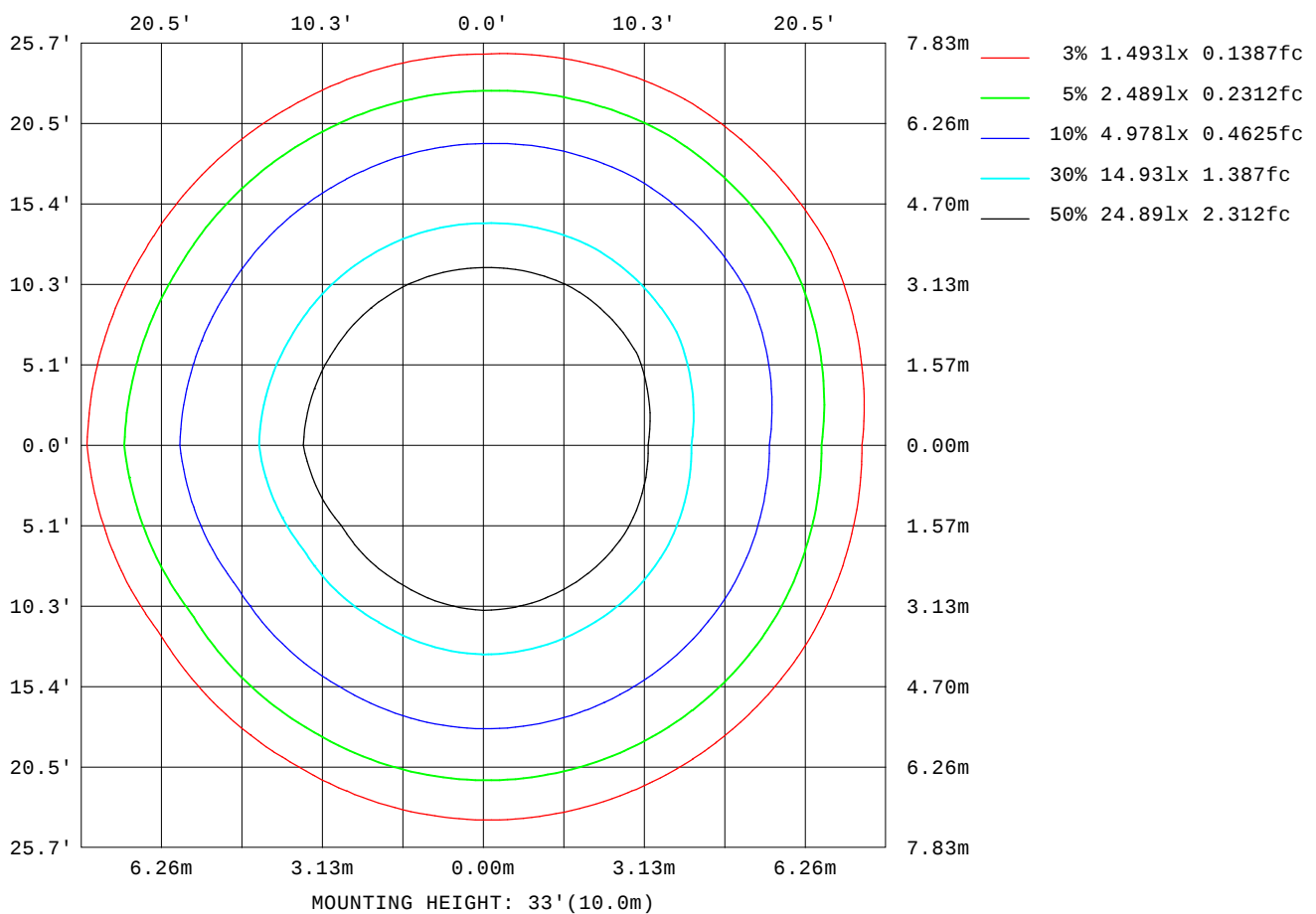
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

ISOLUX DIAGRAM

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LED Avg.L Report

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm		
NAME: PS-TL25W40KD3880RA-D	TYPE: LED	
MFR.:		

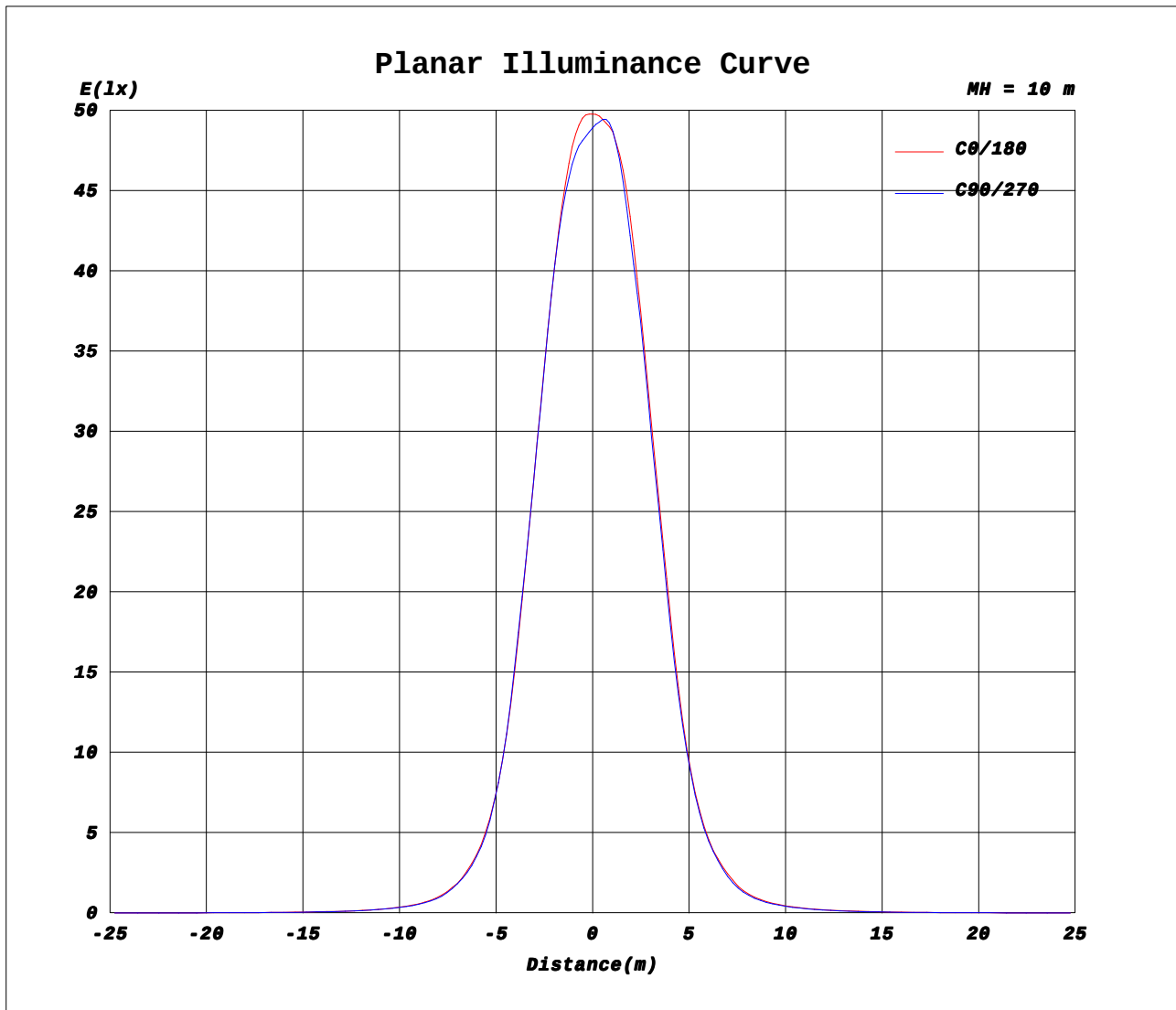
AvgL	cd/m2
L_0~180(65)av	7667
L_0~180(75)av	3603
L_0~180(85)av	6108
L_90~270(65)av	7436
L_90~270(75)av	3478
L_90~270(85)av	5968
L_45(65)av	7519
L_45(75)av	3515
L_45(85)av	5980

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

Planar Illuminance Curve



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C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-11-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.60V I:0.1130A P:23.600W PF:0.9470 Freq:50.00Hz Lamp Flux:2627.71x1 lm											
NAME: PS-TL25W40KD3880RA-D						TYPE: LED					
MFR.:											

Table--1

UNIT: cd

γ (DEG)	C (DEG)																			
	0	30	60	90	120	150	180	210	240	270	300	330								
0	4978	4944	4910	4892	4862	4864	4978	4944	4910	4892	4862	4864								
5	4908	4875	4827	4786	4740	4759	4955	4982	4993	4979	4954	4900								
10	4435	4481	4445	4414	4325	4354	4709	4648	4661	4603	4644	4561								
15	3522	3576	3530	3507	3393	3426	3911	3842	3858	3838	3907	3832								
20	2352	2409	2365	2376	2285	2336	2795	2702	2715	2728	2821	2767								
25	1283	1311	1297	1280	1227	1259	1619	1543	1550	1579	1681	1631								
30	656	666	643	637	612	642	838	789	788	816	881	858								
35	338	346	339	332	312	332	448	411	407	416	459	443								
40	177	181	172	168	163	171	223	206	205	206	229	227								
45	103	104	101	98.8	96.0	100	129	120	120	120	130	128								
50	64.1	64.2	62.3	61.6	59.6	62.4	79.0	73.6	73.8	73.5	79.7	78.5								
55	40.6	40.9	39.3	38.9	37.9	39.7	49.9	47.0	47.0	47.5	50.9	50.6								
60	26.2	26.3	25.7	25.2	24.9	25.7	32.2	30.5	30.5	30.6	32.9	32.7								
65	17.1	17.0	16.6	16.5	16.1	16.6	21.8	20.9	20.8	21.2	22.2	22.3								
70	8.80	9.12	8.76	8.72	8.37	8.61	13.9	13.2	13.3	13.6	14.4	14.4								
75	2.77	3.36	3.02	2.76	2.16	2.41	8.42	7.94	7.89	8.04	8.49	8.43								
80	1.18	1.19	1.14	1.12	1.09	1.11	4.99	4.97	4.95	4.93	4.92	4.93								
85	1.17	1.13	1.13	1.15	1.18	1.16	5.22	5.21	5.16	5.09	5.03	5.04								
90	1.55	1.50	1.50	1.53	1.59	1.56	5.70	5.69	5.64	5.58	5.51	5.52								
95	2.23	2.17	2.18	2.22	2.31	2.25	6.16	6.14	6.09	6.02	5.96	5.98								
100	3.29	3.22	3.23	3.30	3.41	3.33	6.61	6.60	6.53	6.48	6.41	6.43								
105	4.86	4.75	4.78	4.85	4.99	4.87	7.23	7.22	7.15	7.10	7.02	7.04								
110	6.85	6.74	6.74	6.84	6.98	6.86	8.09	8.07	8.01	7.94	7.84	7.87								
115	9.19	9.05	9.04	9.13	9.28	9.16	9.19	9.17	9.09	9.00	8.89	8.94								
120	11.8	11.6	11.6	11.6	11.8	11.7	10.6	10.6	10.5	10.4	10.3	10.3								
125	14.5	14.3	14.3	14.3	14.5	14.4	12.5	12.5	12.3	12.2	12.0	12.1								
130	17.5	17.2	17.2	17.2	17.4	17.2	14.8	14.8	14.7	14.5	14.3	14.4								
135	20.5	20.2	20.1	20.0	20.3	20.2	17.6	17.6	17.4	17.2	17.0	17.2								
140	23.6	23.4	23.1	22.9	23.3	23.3	20.8	20.8	20.5	20.2	20.1	20.3								
145	27.0	26.7	26.2	25.9	26.3	26.6	24.3	24.3	23.8	23.3	23.4	23.7								
150	30.5	30.1	29.4	29.0	29.4	29.9	28.1	27.9	27.3	26.7	26.7	27.3								
155	33.7	33.4	32.3	32.0	32.2	32.9	31.8	31.4	30.5	29.9	29.9	30.7								
160	36.1	35.7	34.6	34.3	34.3	34.9	34.7	34.0	33.1	32.5	32.5	33.2								
165	37.1	36.6	35.6	35.4	35.2	35.6	36.3	35.2	34.5	33.9	33.9	34.5								
170	37.3	36.7	35.9	35.7	35.5	35.7	36.6	35.4	34.7	34.3	34.3	34.7								
175	38.0	37.3	36.4	36.1	35.9	36.4	37.2	36.0	35.4	34.8	34.8	35.4								
180	38.6	37.7	36.7	36.5	36.2	36.9	38.8	37.6	36.9	36.3	36.3	36.8								

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