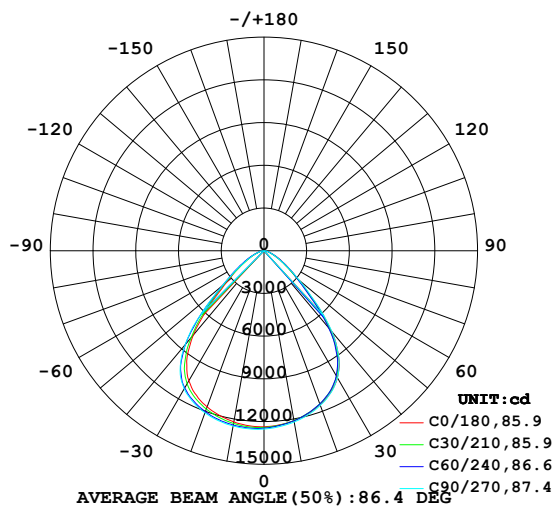


LUMINAIRE PHOTOMETRIC TEST REPORT

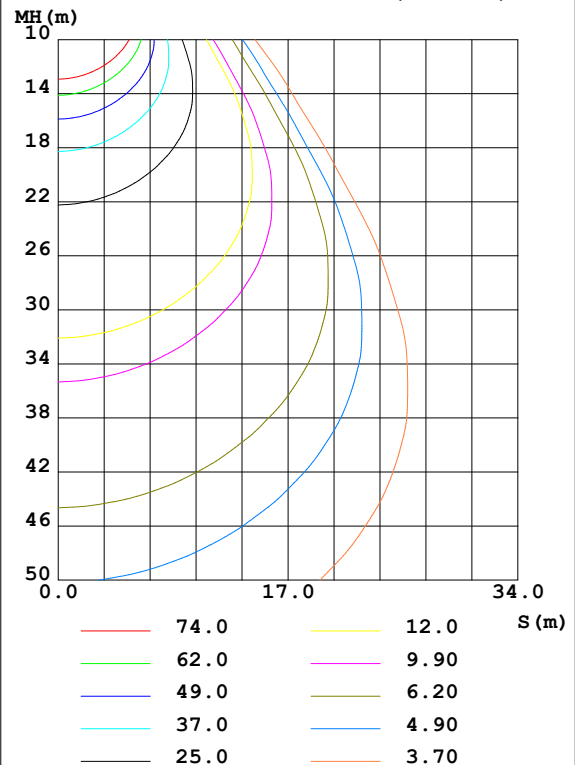
Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\varnothing 265 \times 86 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\varnothing 224 \text{MM}$	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 196.62 lm/W			
MODEL	265-HB38-S-120W	I _{max} (cd)	12630	S/MH (C0/180)	1.24
NOMINAL POWER (W)	120	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	23542	η UP, DN (C0-180)	0.3, 47.8
NOMINAL FLUX (lm)	23541.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 51.5
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	99.3	CIBSE SHR MAX	1.30

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:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1211	1211	1221	1234	1220	1237	1250	1250	0- 10	1184	1184	5.03,5.03
20	1151	1146	1155	1173	1167	1193	1212	1199	10- 20	3411	4595	19.5,19.5
30	1031	1017	1032	1048	1055	1097	1120	1093	20- 30	5197	9792	41.6,41.6
40	735.6	710.9	743.4	758.7	774.2	827.7	861.1	822.4	30- 40	5883	15675	66.6,66.6
50	315.0	305.8	323.3	344.0	341.0	371.3	378.6	364.3	40- 50	4210	19885	84.5,84.5
60	140.7	129.1	130.4	146.6	152.3	156.8	152.5	153.1	50- 60	2064	21950	93.2,93.2
70	56.72	51.34	51.96	58.41	61.97	62.97	60.36	60.88	60- 70	954.6	22905	97.3,97.3
80	18.08	16.63	17.16	18.92	20.38	21.67	20.74	20.10	70- 80	385.3	23290	98.9,98.9
90	2.235	2.203	2.221	2.248	1.919	2.093	2.004	1.926	80- 90	94.40	23384	99.3,99.3
100	2.105	2.104	2.110	2.117	1.912	1.875	1.874	1.882	90-100	21.87	23406	99.4,99.4
110	2.229	2.238	2.235	2.228	2.176	2.121	2.111	2.129	100-110	21.95	23428	99.5,99.5
120	2.413	2.433	2.430	2.413	2.442	2.394	2.381	2.400	110-120	22.78	23451	99.6,99.6
130	2.620	2.647	2.652	2.631	2.679	2.644	2.635	2.652	120-130	22.68	23474	99.7,99.7
140	2.837	2.857	2.858	2.851	2.920	2.901	2.890	2.902	130-140	21.37	23495	99.8,99.8
150	2.997	3.010	3.013	3.018	3.209	3.203	3.190	3.188	140-150	18.73	23514	99.9,99.9
160	3.231	3.236	3.238	3.241	3.485	3.487	3.482	3.470	150-160	14.90	23529	99.9,99.9
170	3.496	3.512	3.513	3.506	3.732	3.747	3.751	3.730	160-170	9.875	23538	100,100
180	3.675	3.696	3.704	3.690	3.668	3.696	3.715	3.689	170-180	3.482	23542	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 18130 lm

%lum = 77.0%

%lamp = 77.0%

Conical surface Flux(120deg): 21950 lm

%lum = 93.2%

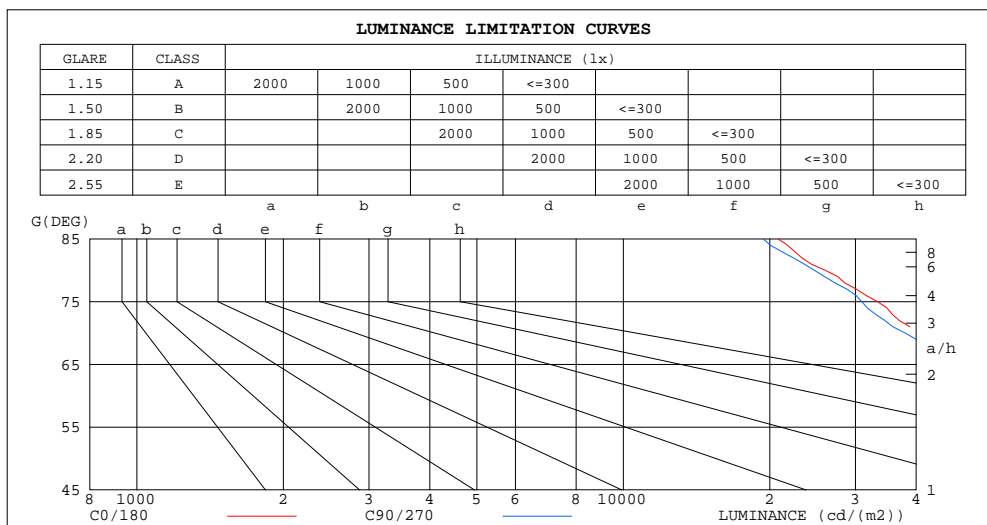
%lamp = 93.2%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:11.550m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\phi 265 \times 86\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 224\text{MM}$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	20820	19386
80	26028	24705
75	33328	30924
70	41456	37983
65	54475	49321
60	70372	65196
55	92556	89310
50	122502	125759
45	176873	180565

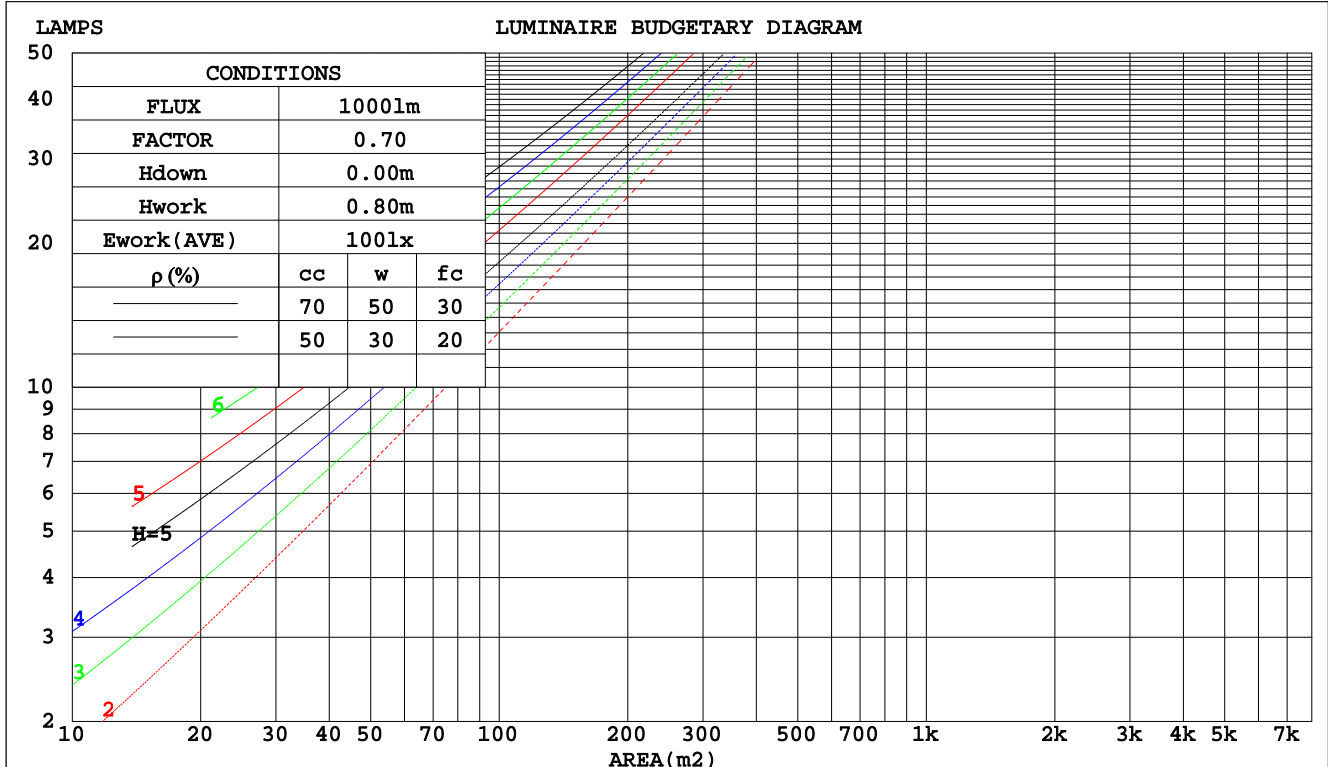
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\varnothing 265 \times 86 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\varnothing 224 \text{MM}$	Shielding Angle:

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.08	1.05	1.02	1.05	1.03	.00	1.01	.99	.97	.97	.95	.94	.94	.92	.91	.89
2.0	.97	.92	.88	.95	.91	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.88	.81	.76	.86	.80	.76	.84	.78	.74	.81	.77	.73	.78	.75	.72	.70
4.0	.80	.73	.67	.79	.72	.67	.76	.70	.66	.74	.69	.65	.72	.68	.64	.62
5.0	.73	.65	.60	.72	.65	.59	.70	.63	.59	.68	.62	.58	.66	.61	.57	.56
6.0	.66	.59	.53	.66	.58	.53	.64	.57	.53	.62	.57	.52	.61	.56	.52	.50
7.0	.61	.53	.48	.60	.53	.48	.59	.52	.48	.57	.52	.47	.56	.51	.47	.45
8.0	.56	.49	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9.0	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.39	.48	.43	.39	.38
10.0	.48	.41	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: \varnothing 265*86MM	SERIAL No.: 1
MFR.:	SUR.: \varnothing 224MM	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	.232	.132	.042	.225	.128	.041	.212	.121	.039	.200	.115	.037	.188	.109	.035		
2.0	.225	.123	.038	.219	.120	.037	.207	.115	.036	.197	.110	.035	.187	.106	.033		
3.0	.214	.114	.034	.209	.112	.034	.199	.108	.033	.189	.104	.032	.181	.100	.031		
4.0	.202	.105	.031	.198	.103	.031	.189	.100	.030	.181	.097	.029	.173	.094	.029		
5.0	.191	.097	.028	.187	.096	.028	.179	.093	.027	.172	.091	.027	.165	.088	.027		
6.0	.181	.091	.026	.177	.089	.026	.170	.087	.025	.164	.085	.025	.158	.083	.025		
7.0	.171	.085	.024	.168	.084	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023		
8.0	.162	.079	.022	.159	.078	.022	.154	.077	.022	.148	.075	.022	.143	.074	.021		
9.0	.154	.074	.021	.151	.074	.021	.146	.072	.020	.141	.071	.020	.137	.069	.020		
10.0	.146	.070	.019	.144	.069	.019	.139	.068	.019	.135	.067	.019	.131	.066	.019		

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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.180	.162	.146	.154	.139	.125	.105	.096	.087	.061	.055	.050	.019	.018	.016	
2.0	.168	.137	.111	.144	.118	.096	.099	.082	.067	.057	.048	.039	.018	.015	.013	
3.0	.159	.119	.087	.136	.103	.076	.094	.071	.053	.054	.042	.031	.017	.014	.010	
4.0	.151	.105	.071	.129	.091	.061	.089	.063	.043	.051	.037	.026	.017	.012	.008	
5.0	.143	.094	.058	.123	.082	.051	.085	.057	.036	.049	.033	.021	.016	.011	.007	
6.0	.136	.086	.049	.117	.074	.043	.081	.052	.030	.047	.031	.018	.015	.010	.006	
7.0	.130	.079	.042	.112	.068	.037	.077	.048	.026	.045	.028	.016	.015	.009	.005	
8.0	.124	.073	.037	.107	.063	.032	.074	.044	.023	.043	.026	.014	.014	.009	.005	
9.0	.119	.068	.033	.103	.059	.029	.071	.041	.020	.041	.024	.012	.013	.008	.004	
10.0	.114	.063	.030	.098	.055	.026	.068	.039	.018	.040	.023	.011	.013	.008	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:11.550m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm											
NAME: 265-HB38-S-120W CW 90°					TYPE:			WEIGHT: 2.3KG			
SPEC.:					DIM.: \varnothing 265*86MM			SERIAL No.: 1			
MFR.:					SUR.: \varnothing 224MM			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	24.3	25.6	24.6	25.9	26.3	25.2	26.5	25.6	26.8	27.2	
	3H	25.0	26.2	25.4	26.5	26.9	25.8	27.0	26.2	27.3	
	4H	25.2	26.3	25.7	26.7	27.1	26.0	27.0	26.4	27.4	
	6H	25.4	26.4	25.8	26.8	27.2	26.0	27.0	26.5	27.4	
	8H	25.4	26.3	25.8	26.7	27.2	26.1	27.0	26.5	27.4	
	12H	25.4	26.3	25.8	26.7	27.1	26.0	26.9	26.5	27.3	
4H	24.5	25.6	24.9	26.0	26.4	25.4	26.5	25.8	26.9	27.3	
	3H	25.4	26.3	25.8	26.7	27.1	26.2	27.1	26.6	27.5	
	4H	25.7	26.5	26.1	26.9	27.4	26.4	27.2	26.9	27.7	
	6H	25.9	26.6	26.3	27.0	27.5	26.6	27.3	27.1	27.7	
	8H	25.9	26.5	26.4	27.0	27.5	26.6	27.3	27.1	27.7	
	12H	25.9	26.5	26.4	27.0	27.5	26.6	27.2	27.1	27.7	
8H	25.7	26.4	26.2	26.8	27.3	26.5	27.1	27.0	27.6	28.1	
	6H	26.0	26.5	26.5	27.0	27.5	26.7	27.2	27.2	27.7	
	8H	26.0	26.5	26.6	27.0	27.5	26.8	27.2	27.3	27.8	
	12H	26.1	26.5	26.6	27.0	27.6	26.8	27.2	27.3	27.7	
12H	25.7	26.3	26.2	26.8	27.2	26.5	27.0	27.0	27.5	28.0	
	6H	26.0	26.4	26.5	26.9	27.5	26.7	27.2	27.2	27.6	
	8H	26.1	26.5	26.6	27.0	27.6	26.8	27.2	27.3	27.7	
CIE190: 2010											

CIE190: 2010
Area: 0.04 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\varnothing 265 \times 86 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\varnothing 224 \text{MM}$	Shielding Angle:

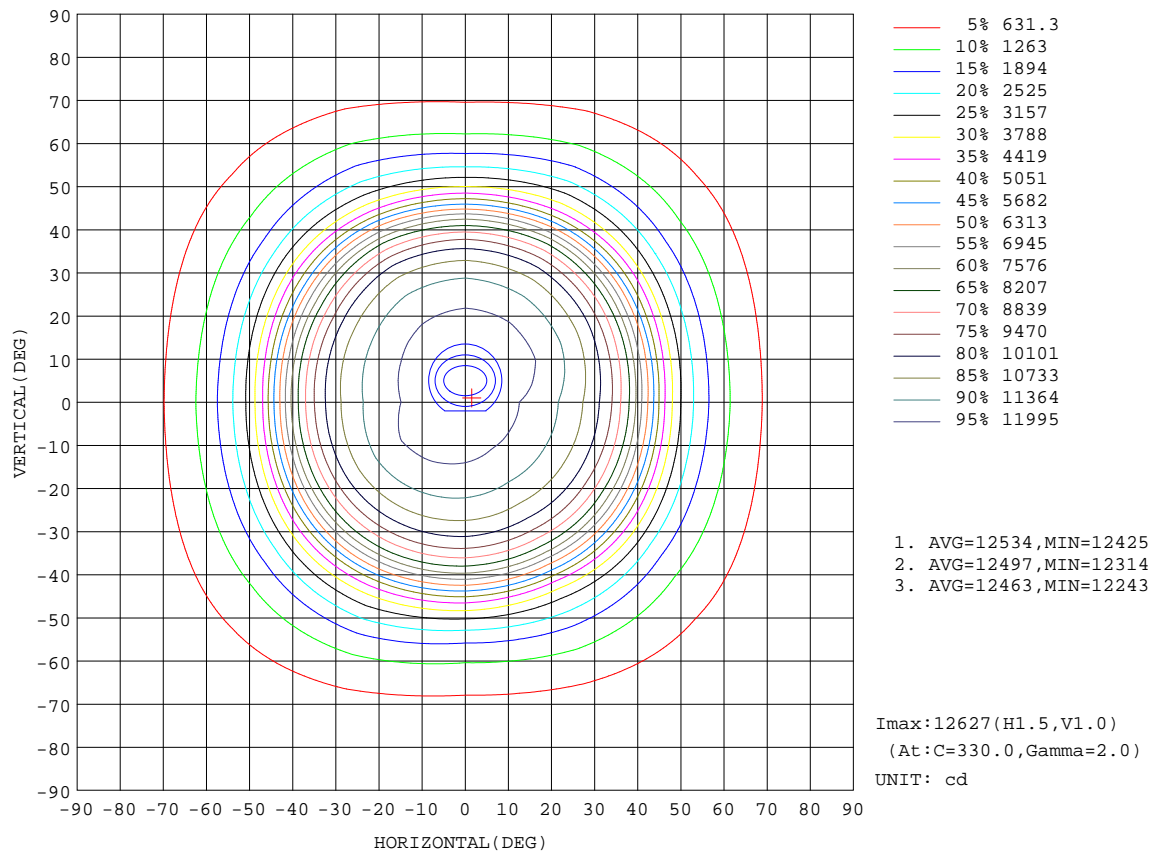
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	70	61	55	70	61	55	69	60	55	50
0.80	80	71	65	79	71	65	78	70	65	59
1.00	87	79	74	86	79	73	84	79	73	67
1.25	93	86	80	92	85	80	90	84	79	73
1.50	97	90	85	96	89	85	93	88	84	78
2.00	102	96	92	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	96	92	85
3.00	107	103	99	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
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:
Test Date:2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:11.550m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\phi 265 \times 86 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 224 \text{MM}$	Shielding Angle:

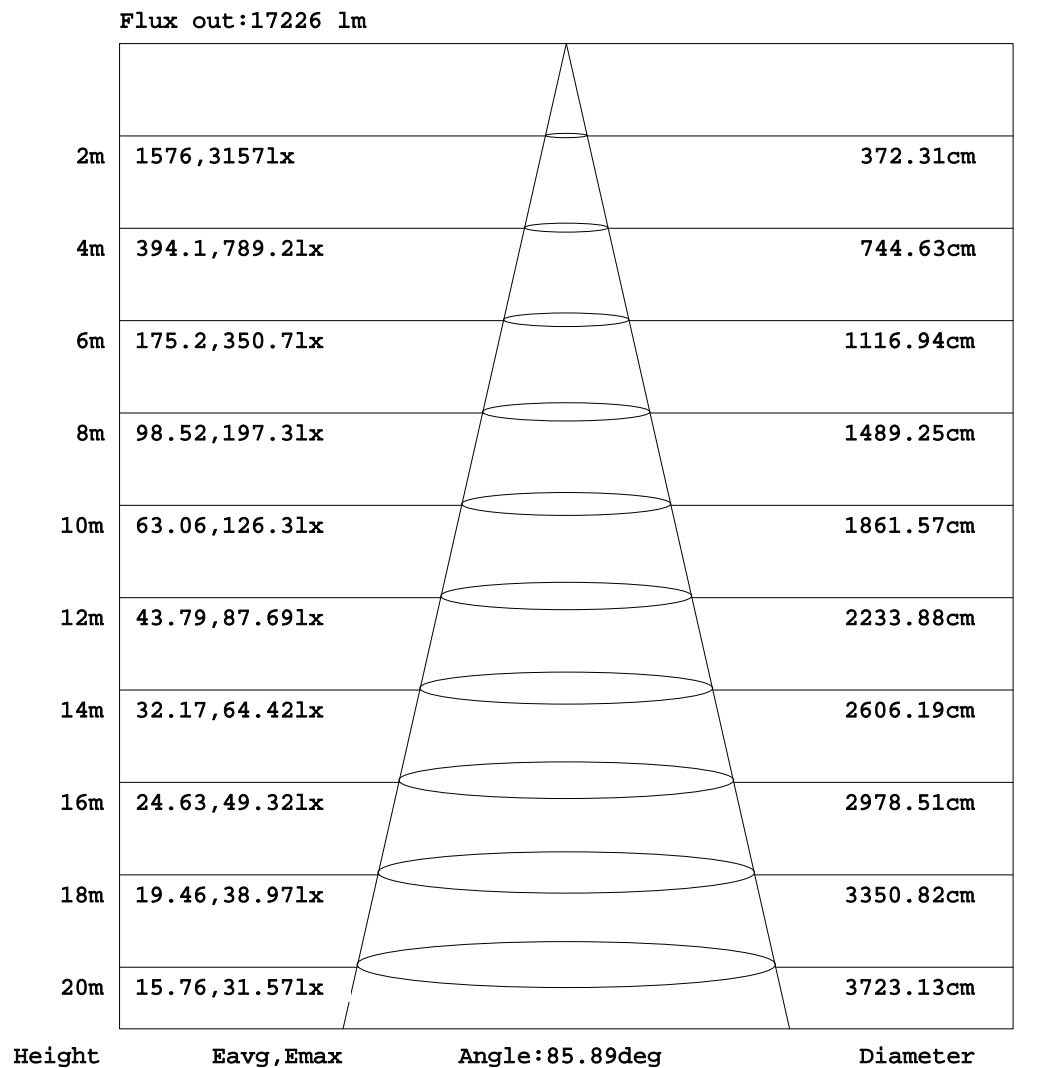


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:11.550m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\phi 265 \times 86\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 224\text{MM}$	Shielding Angle:



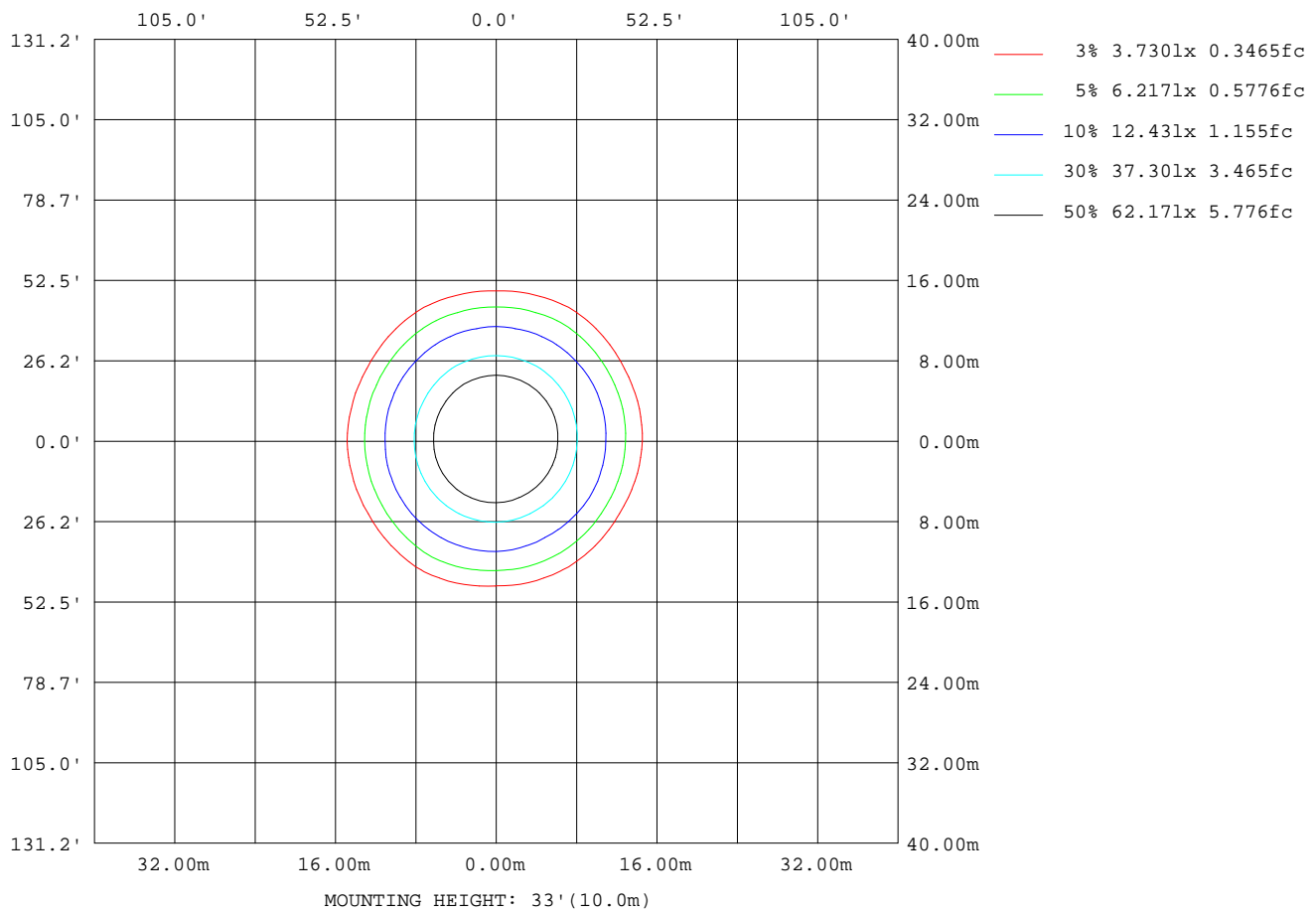
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:11.550m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\phi 265 \times 86\text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\phi 224\text{MM}$	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.08V I:0.5674A P:119.73W PF:0.9869 Freq:49.99Hz Lamp Flux:23541.9x1 lm		
NAME: 265-HB38-S-120W CW 90°	TYPE:	WEIGHT: 2.3KG
SPEC.:	DIM.: $\varnothing 265 \times 86 \text{MM}$	SERIAL No.: 1
MFR.:	SUR.: $\varnothing 224 \text{MM}$	Shielding Angle:

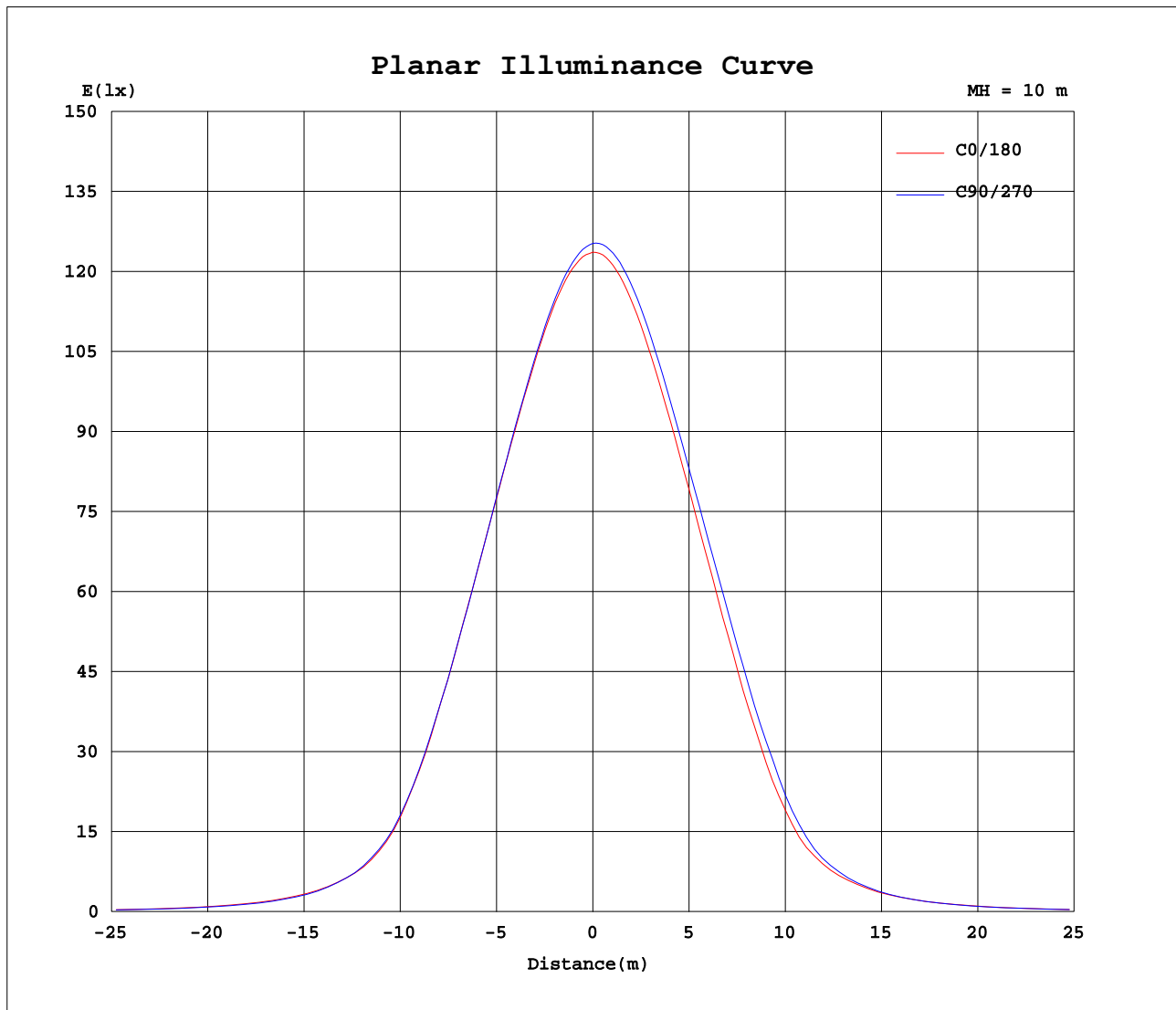
AvgL	cd/m2
L_0~180 (65) av	56753
L_0~180 (75) av	34666
L_0~180 (85) av	22223
L_90~270 (65) av	53524
L_90~270 (75) av	33603
L_90~270 (85) av	22268
L_45 (65) av	55955
L_45 (75) av	34740
L_45 (85) av	22503

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-3-7

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 11.550m [K=1.0000]
Remarks:

Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1236	1241	1246	1253	1258	1263	1236	1241	1246	1253	1258	1263						
5	1227	1230	1232	1240	1248	1255	1233	1241	1249	1255	1260	1260						
10	1211	1211	1212	1221	1230	1239	1220	1231	1243	1250	1252	1248						
15	1186	1182	1183	1193	1203	1213	1199	1213	1228	1236	1235	1225						
20	1151	1145	1146	1155	1167	1178	1167	1184	1203	1212	1206	1192						
25	1103	1094	1093	1105	1117	1128	1122	1143	1166	1175	1166	1146						
30	1031	1020	1015	1032	1043	1054	1055	1080	1113	1120	1108	1079						
35	916	901	893	918	928	937	947	973	1022	1027	1013	969						
40	736	717	705	743	754	763	774	797	859	861	851	794						
45	500	487	468	511	524	531	539	563	616	618	604	552						
50	315	308	304	323	346	342	341	362	381	379	381	348						
55	212	192	205	205	235	220	230	227	254	243	254	220						
60	141	124	135	130	150	143	152	147	167	152	165	141						
65	92.1	80.0	87.0	83.4	96.2	92.7	99.8	95.0	108	97.6	105	91.1						
70	56.7	49.0	53.7	52.0	59.2	57.7	62.0	58.6	67.4	60.4	65.0	56.8						
75	34.5	30.9	32.9	32.0	36.1	35.1	37.3	36.1	40.7	37.6	39.3	36.0						
80	18.1	16.4	16.9	17.2	18.6	19.2	20.4	20.3	23.0	20.7	21.1	19.1						
85	7.26	6.50	6.35	6.76	7.41	7.96	8.24	8.53	9.74	8.77	8.61	7.59						
90	2.23	2.20	2.20	2.22	2.25	2.25	1.92	1.99	2.19	2.00	1.95	1.90						
95	2.13	2.12	2.12	2.13	2.15	2.14	1.85	1.85	1.84	1.85	1.84	1.83						
100	2.11	2.10	2.11	2.11	2.12	2.11	1.91	1.88	1.87	1.87	1.88	1.88						
105	2.14	2.14	2.15	2.15	2.15	2.14	2.02	1.98	1.96	1.97	1.98	1.99						
110	2.23	2.23	2.25	2.24	2.24	2.22	2.18	2.13	2.11	2.11	2.12	2.14						
115	2.33	2.33	2.35	2.34	2.33	2.31	2.30	2.27	2.24	2.24	2.25	2.27						
120	2.41	2.42	2.44	2.43	2.42	2.40	2.44	2.41	2.38	2.38	2.39	2.41						
125	2.51	2.53	2.55	2.54	2.53	2.50	2.58	2.55	2.51	2.52	2.52	2.55						
130	2.62	2.64	2.66	2.65	2.64	2.62	2.68	2.66	2.63	2.63	2.64	2.67						
135	2.73	2.75	2.77	2.76	2.76	2.73	2.79	2.78	2.76	2.76	2.76	2.79						
140	2.84	2.85	2.87	2.86	2.86	2.84	2.92	2.91	2.89	2.89	2.89	2.91						
145	2.92	2.92	2.94	2.93	2.94	2.93	3.05	3.04	3.02	3.02	3.02	3.04						
150	3.00	3.00	3.02	3.01	3.02	3.01	3.21	3.21	3.19	3.19	3.18	3.20						
155	3.11	3.10	3.12	3.12	3.13	3.11	3.34	3.35	3.34	3.33	3.32	3.34						
160	3.23	3.23	3.24	3.24	3.25	3.23	3.48	3.49	3.48	3.48	3.46	3.48						
165	3.36	3.37	3.38	3.37	3.38	3.36	3.63	3.64	3.63	3.64	3.62	3.62						
170	3.50	3.50	3.52	3.51	3.52	3.50	3.73	3.75	3.75	3.75	3.73	3.73						
175	3.56	3.57	3.59	3.59	3.59	3.56	3.72	3.73	3.75	3.75	3.73	3.72						
180	3.67	3.68	3.71	3.70	3.70	3.68	3.67	3.69	3.70	3.71	3.70	3.68						

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