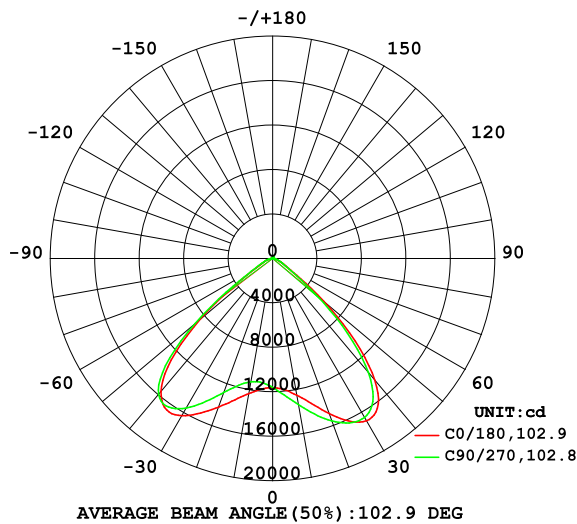


LUMINAIRE PHOTOMETRIC TEST REPORT

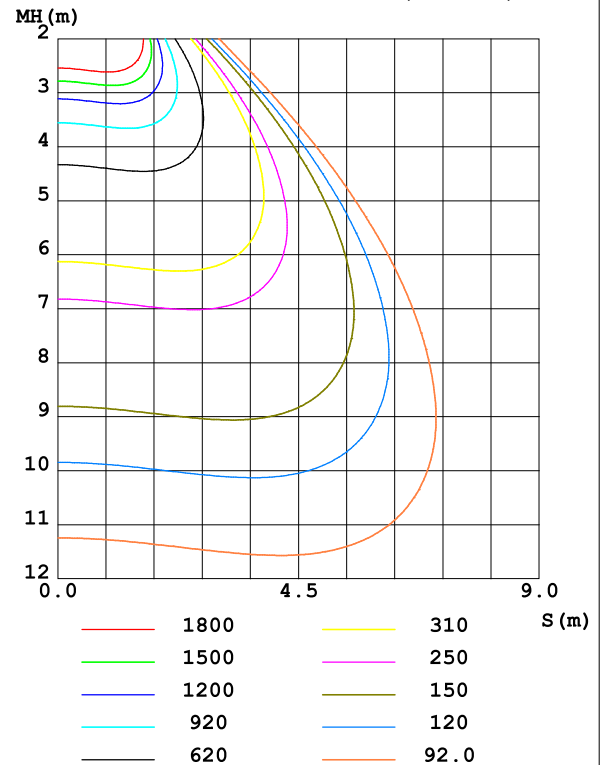
Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC : 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR : BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 180.85 lm/W
MODEL	SMD5050	I _{max} (cd)	16890	S/MH (C0/180)	1.60	
NOMINAL POWER(W)	150	LOR (%)	100.0	S/MH (C90/270)	1.62	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	36024	η UP,DN (C0-180)	0.5,47.2	
NOMINAL FLUX(lm)	36024.4	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,51.9	
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	230	η down (%)	99.1	CIBSE SHR MAX	1.50	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [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	1248	1309	1335	1306	1234	1170	1128	1139	0- 10	1142	1142	3.17, 3.17
20	1484	1544	1555	1521	1421	1336	1282	1315	10- 20	3788	4931	13.7, 13.7
30	1687	1678	1652	1642	1633	1573	1554	1596	20- 30	7158	12088	33.6, 33.6
40	1430	1372	1341	1390	1564	1601	1597	1559	30- 40	10038	22126	61.4, 61.4
50	599.7	559.5	525.0	554.5	845.5	874.9	912.3	861.2	40- 50	8736	30862	85.7, 85.7
60	136.7	134.8	129.5	130.8	175.6	181.8	191.7	184.1	50- 60	3254	34116	94.7, 94.7
70	58.93	60.65	58.07	57.66	73.21	73.90	75.56	72.00	60- 70	1020	35136	97.5, 97.5
80	20.51	21.13	20.63	20.45	27.64	28.35	29.36	28.58	70- 80	458.9	35595	98.8, 98.8
90	0.3610	0.3648	0.3803	0.3690	0.9507	0.6878	1.061	0.6578	80- 90	116.5	35712	99.1, 99.1
100	0.9313	0.9737	1.022	0.9727	0.6401	0.6177	0.5618	0.5841	90-100	5.594	35717	99.1, 99.1
110	2.457	2.546	2.613	2.493	1.814	1.727	1.626	1.713	100-110	14.49	35732	99.2, 99.2
120	5.185	5.237	5.327	5.125	3.750	3.577	3.472	3.594	110-120	31.61	35763	99.3, 99.3
130	8.030	8.084	8.087	7.926	5.852	5.687	5.572	5.639	120-130	50.65	35814	99.4, 99.4
140	9.568	9.536	9.518	9.552	7.702	7.548	7.433	7.466	130-140	60.12	35874	99.6, 99.6
150	10.37	10.31	10.29	10.33	9.119	8.994	8.935	8.947	140-150	56.94	35931	99.7, 99.7
160	11.76	11.70	11.59	11.51	10.73	10.60	10.54	10.56	150-160	47.86	35979	99.9, 99.9
170	12.68	12.65	12.52	12.42	12.37	12.28	12.23	12.15	160-170	33.24	36012	100, 100
180	12.96	12.96	12.87	12.80	13.02	12.92	12.90	12.77	170-180	12.10	36024	100, 100
DEG	LUMINOUS INTENSITY:X10cd									UNIT: lm		

Conical surface Flux(90deg): 27061 lm

%lum = 75.1%

%lamp = 75.1%

Conical surface Flux(120deg): 34116 lm

%lum = 94.7%

%lamp = 94.7%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1℃
 Operators:
 Test Date:2023-12-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity:50.0%
 Test Distance:10.026m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz
Lamp Flux:36024.4x1 lm

NAME: Massive 200W 6500K - 294100

TYPE: lens110D

WEIGHT:

SPEC.: 6500K-Ra80-252L

DIM.:

SERIAL No.:

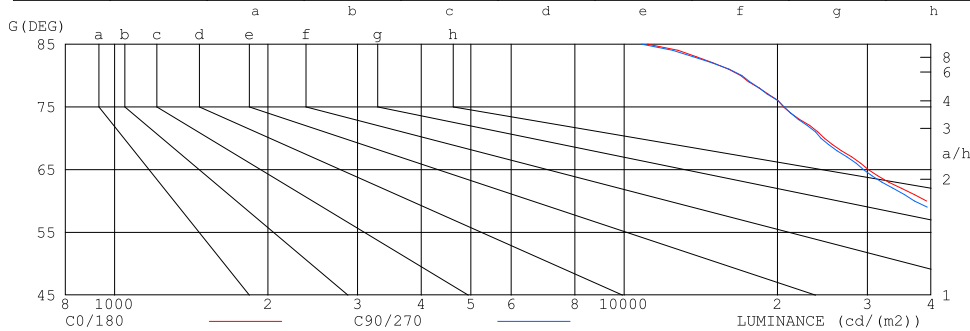
MFR.: BBT-LIGHTING

SUR.: 0.149m*0.149m*3.14

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	11117	10827
80	16939	17039
75	20562	20597
70	24715	24357
65	30158	29488
60	39219	37153
55	66880	58847
50	133830	117162
45	213021	193315

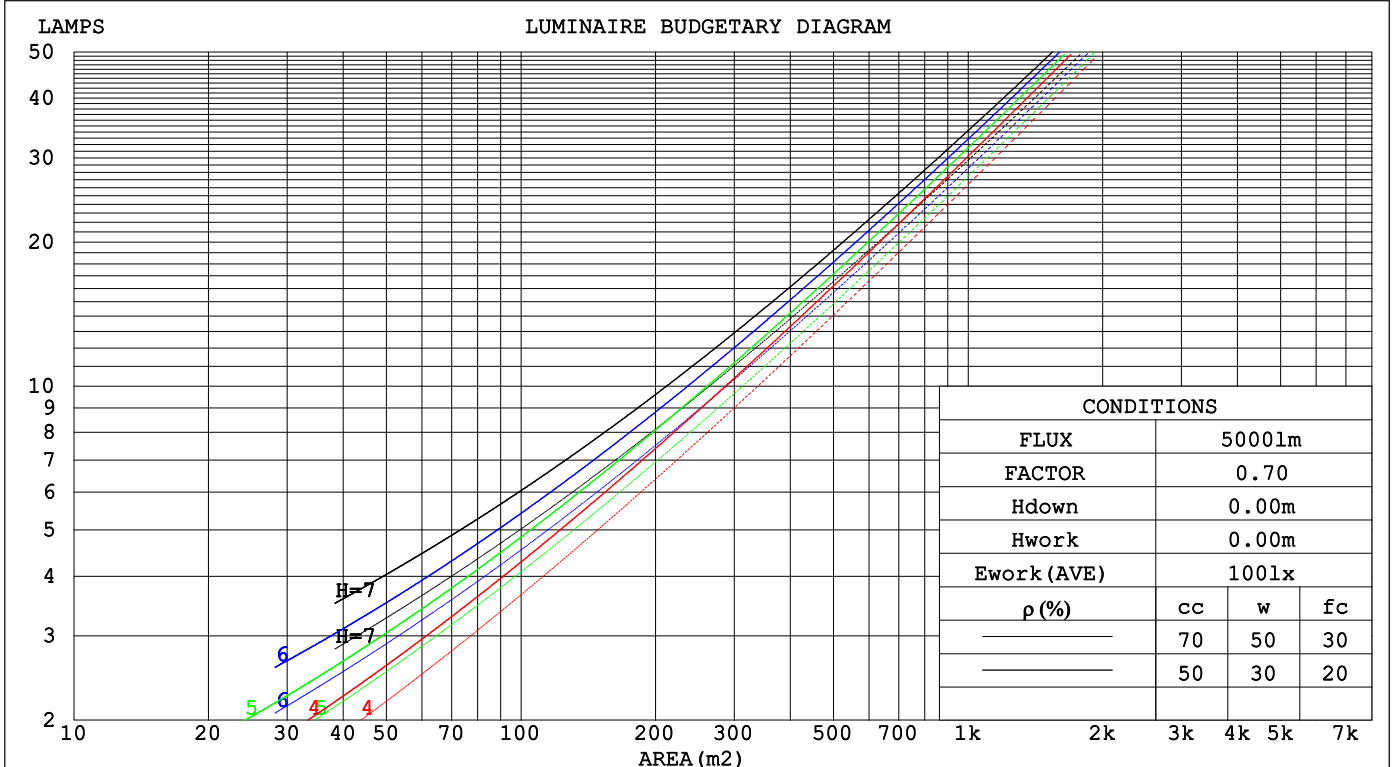
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm					
NAME: Massive 200W 6500K - 294100		TYPE: lens110D		WEIGHT:	
SPEC.: 6500K-Ra80-252L		DIM.:		SERIAL No.:	
MFR.: BBT-LIGHTING		SUR.: 0.149m*0.149m*3.14		Shielding Angle:	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.97	.91	.87	.95	.90	.86	.91	.87	.84	.88	.85	.82	.85	.82	.80	.78
3.0	.87	.80	.75	.85	.79	.74	.82	.77	.73	.80	.75	.72	.77	.73	.70	.68
4.0	.78	.71	.65	.77	.70	.65	.75	.69	.64	.72	.67	.63	.70	.66	.62	.60
5.0	.71	.63	.57	.70	.62	.57	.68	.61	.56	.66	.60	.56	.64	.59	.55	.53
6.0	.64	.56	.51	.63	.56	.50	.61	.55	.50	.60	.54	.49	.58	.53	.49	.47
7.0	.58	.51	.45	.58	.50	.45	.56	.49	.44	.55	.49	.44	.53	.48	.44	.42
8.0	.53	.46	.40	.53	.45	.40	.51	.45	.40	.50	.44	.40	.49	.43	.39	.38
9.0	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.35	.34
10.0	.45	.38	.33	.45	.37	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.31



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	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	.236	.134	.042	.229	.130	.041	.215	.123	.039	.203	.117	.038	.192	.111	.036	
2.0	.230	.126	.039	.224	.123	.038	.212	.118	.037	.202	.113	.035	.192	.108	.034	
3.0	.220	.117	.035	.215	.115	.035	.205	.111	.034	.195	.107	.033	.186	.103	.032	
4.0	.209	.109	.032	.205	.107	.032	.196	.104	.031	.187	.101	.030	.179	.097	.030	
5.0	.198	.101	.029	.194	.100	.029	.186	.097	.029	.179	.094	.028	.172	.092	.028	
6.0	.188	.094	.027	.184	.093	.027	.177	.091	.026	.170	.089	.026	.164	.086	.026	
7.0	.178	.088	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	.157	.081	.024	
8.0	.169	.083	.023	.166	.082	.023	.160	.080	.023	.155	.078	.023	.150	.077	.022	
9.0	.160	.078	.022	.158	.077	.022	.152	.075	.021	.147	.074	.021	.143	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.136	.069	.020	

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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.182	.163	.147	.156	.140	.126	.106	.097	.087	.061	.056	.051	.020	.018	.016	
2.0	.171	.139	.112	.146	.120	.097	.100	.083	.068	.058	.048	.040	.019	.016	.013	
3.0	.162	.121	.088	.139	.104	.076	.095	.072	.054	.055	.042	.032	.018	.014	.010	
4.0	.154	.107	.071	.132	.092	.062	.091	.064	.043	.052	.038	.026	.017	.012	.008	
5.0	.147	.096	.059	.126	.083	.051	.087	.058	.036	.050	.034	.021	.016	.011	.007	
6.0	.140	.088	.050	.121	.076	.043	.083	.053	.031	.048	.031	.018	.016	.010	.006	
7.0	.134	.081	.043	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
8.0	.129	.075	.038	.111	.065	.033	.077	.046	.023	.045	.027	.014	.014	.009	.005	
9.0	.124	.070	.034	.107	.061	.029	.074	.043	.021	.043	.025	.012	.014	.008	.004	
10.0	.119	.066	.031	.102	.057	.027	.071	.040	.019	.041	.024	.011	.013	.008	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	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	21.6	23.0	22.0	23.3	23.7	20.9	22.3	21.3	22.6	22.9
3H	22.4	23.6	22.8	23.9	24.3	21.7	22.9	22.1	23.3	23.7
4H	22.6	23.7	23.0	24.1	24.5	22.0	23.1	22.4	23.5	23.9
6H	22.8	23.8	23.2	24.2	24.6	22.2	23.2	22.6	23.6	24.0
8H	22.8	23.8	23.2	24.2	24.6	22.2	23.2	22.7	23.6	24.0
12H	22.8	23.7	23.2	24.1	24.6	22.2	23.2	22.7	23.6	24.0
4H 2H	21.9	23.0	22.3	23.3	23.8	21.2	22.3	21.6	22.7	23.1
3H	22.8	23.7	23.2	24.1	24.5	22.2	23.1	22.6	23.5	23.9
4H	23.1	23.9	23.6	24.4	24.8	22.5	23.4	23.0	23.8	24.3
6H	23.3	24.0	23.8	24.5	25.0	22.8	23.5	23.3	24.0	24.5
8H	23.4	24.0	23.9	24.5	25.0	22.9	23.5	23.4	24.0	24.5
12H	23.4	24.0	23.9	24.5	25.0	22.9	23.5	23.4	24.0	24.5
8H 4H	23.2	23.8	23.7	24.3	24.8	22.7	23.3	23.1	23.8	24.3
6H	23.5	24.0	24.0	24.5	25.0	23.0	23.5	23.5	24.0	24.5
8H	23.6	24.0	24.1	24.6	25.1	23.1	23.6	23.6	24.1	24.6
12H	23.6	24.0	24.1	24.6	25.1	23.1	23.5	23.6	24.1	24.6
12H 4H	23.2	23.7	23.7	24.2	24.7	22.6	23.2	23.1	23.7	24.2
6H	23.5	24.0	24.0	24.4	25.0	23.0	23.5	23.5	24.0	24.5
8H	23.6	24.0	24.1	24.5	25.1	23.1	23.5	23.6	24.0	24.6
CIE190: 2010										

CIE190: 2010
Area: 0.0697111 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:

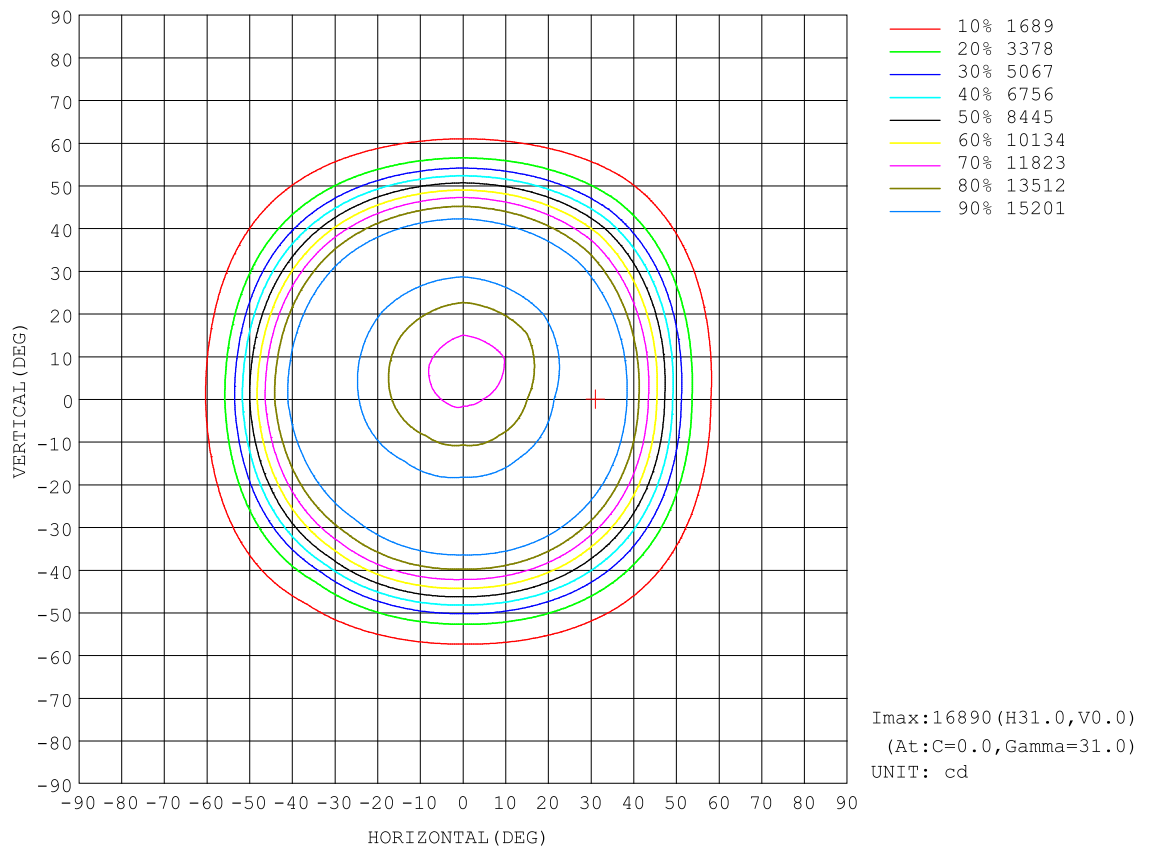
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	56	51	45
0.80	77	68	62	76	67	62	75	67	61	55
1.00	86	77	71	85	76	71	83	77	70	64
1.25	92	84	79	91	83	78	88	82	77	71
1.50	96	89	84	95	88	83	92	86	82	76
2.00	102	96	91	100	94	90	97	92	88	82
2.50	104	99	94	103	97	93	99	95	91	84
3.00	107	102	98	105	100	97	101	97	94	87
4.00	110	105	102	107	104	101	103	100	98	89
5.00	111	108	105	109	106	103	105	102	100	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:

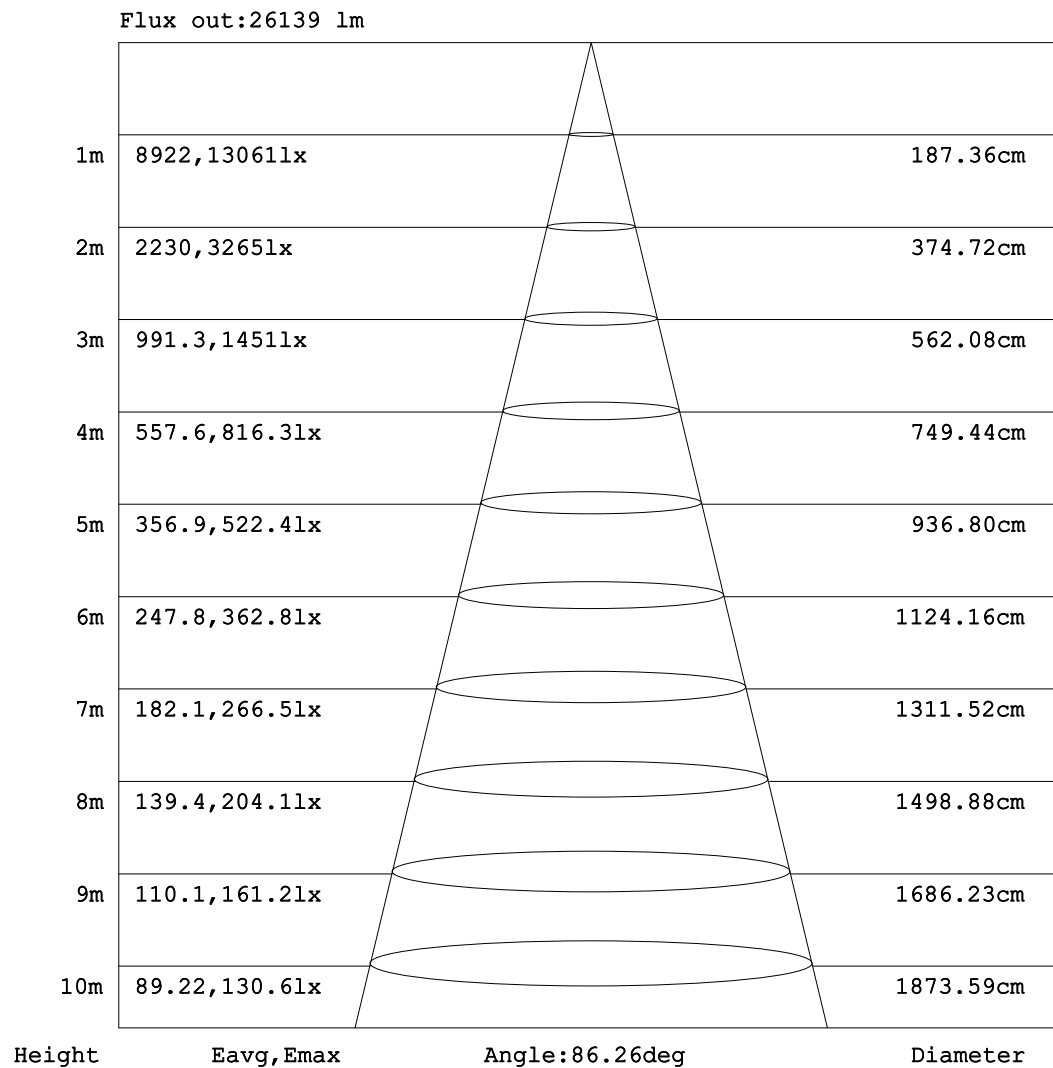


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:



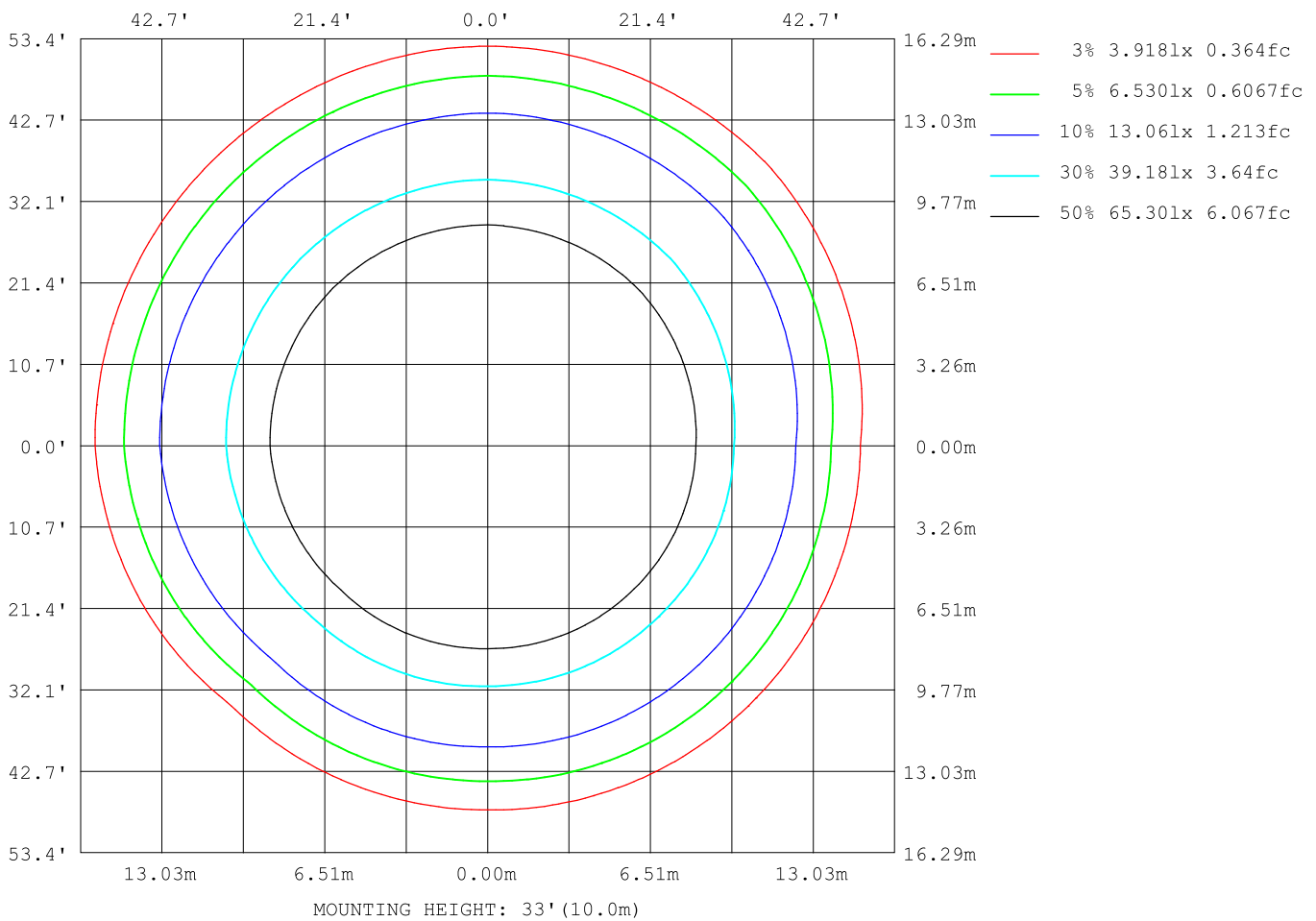
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1℃
 Operators:
 Test Date:2023-12-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity:50.0%
 Test Distance:10.026m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.1°C
Operators:
Test Date: 2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity: 50.0%
Test Distance: 10.026m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:

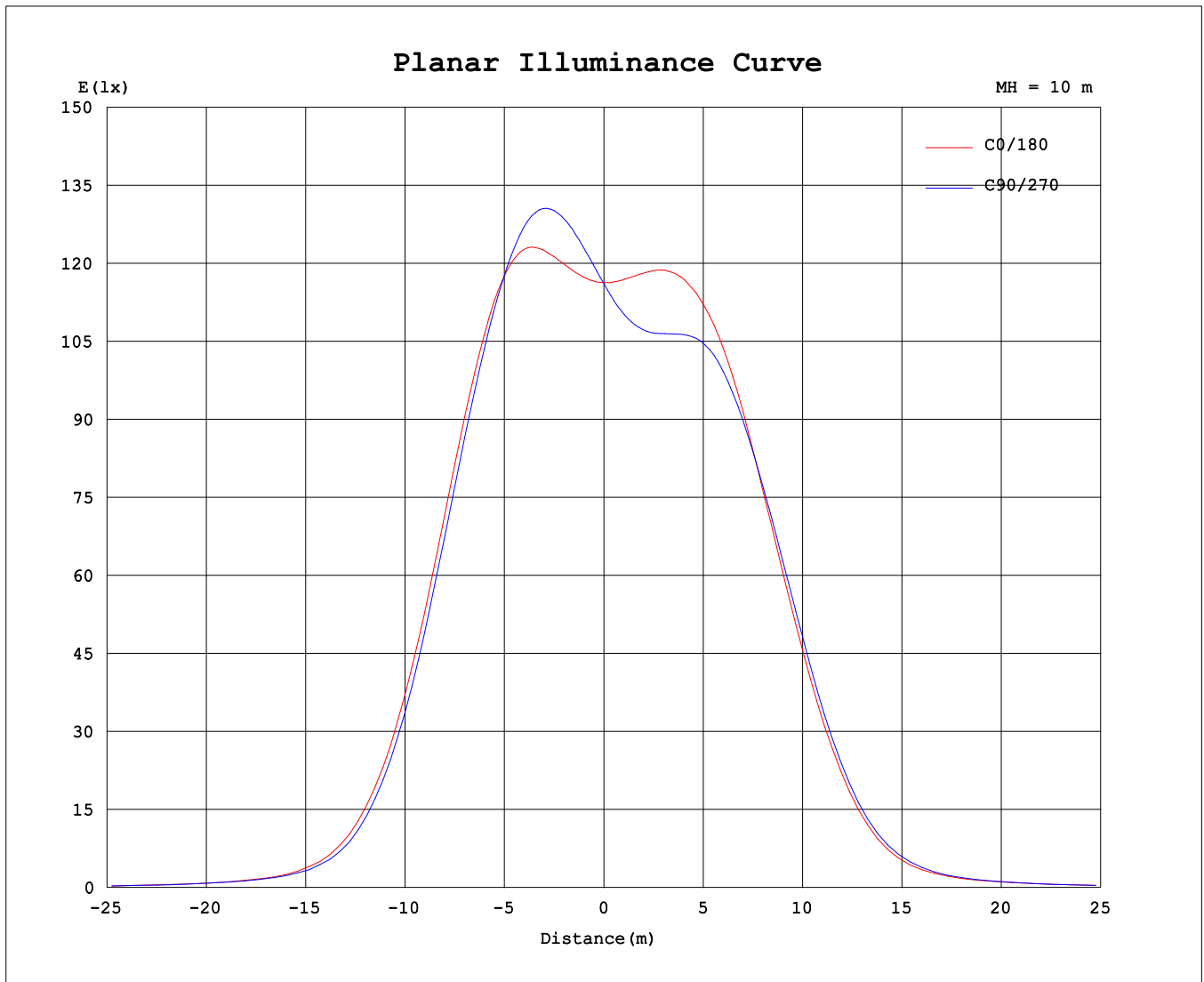
AvgL	cd/m2
L_0~180 (65) av	33601
L_0~180 (75) av	23351
L_0~180 (85) av	15852
L_90~270 (65) av	34059
L_90~270 (75) av	23912
L_90~270 (85) av	17095
L_45 (65) av	33645
L_45 (75) av	23557
L_45 (85) av	16484

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1℃
Operators:
Test Date:2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.026m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.1℃
Operators:
Test Date: 2023-12-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity: 50.0%
Test Distance: 10.026m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.32V I:0.8834A P:199.20W PF:0.9789 Freq:50.01Hz Lamp Flux:36024.4x1 lm		
NAME: Massive 200W 6500K - 294100	TYPE: lens110D	WEIGHT:
SPEC.: 6500K-Ra80-252L	DIM.:	SERIAL No.:
MFR.: BBT-LIGHTING	SUR.: 0.149m*0.149m*3.14	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	1163	1163	1162	1152	1163	1163	1162	1152										
5	1185	1220	1235	1216	1181	1145	1122	1123										
10	1248	1309	1335	1306	1234	1170	1128	1139										
15	1351	1422	1447	1414	1317	1235	1182	1204										
20	1484	1544	1555	1521	1421	1336	1282	1315										
25	1613	1644	1632	1607	1534	1457	1419	1458										
30	1687	1678	1652	1642	1633	1573	1554	1596										
35	1644	1604	1571	1585	1664	1642	1633	1653										
40	1430	1372	1341	1390	1564	1601	1597	1559										
45	1050	973	953	1027	1291	1345	1365	1284										
50	600	559	525	555	846	875	912	861										
55	267	251	235	237	390	411	437	411										
60	137	135	129	131	176	182	192	184										
65	88.8	89.9	86.9	86.9	109	110	114	109										
70	58.9	60.6	58.1	57.7	73.2	73.9	75.6	72.0										
75	37.1	38.9	37.2	36.2	47.2	48.2	49.1	46.7										
80	20.5	21.1	20.6	20.4	27.6	28.4	29.4	28.6										
85	6.75	7.02	6.58	6.36	12.5	12.9	14.2	13.8										
90	0.36	0.36	0.38	0.37	0.95	0.69	1.06	0.66										
95	0.54	0.56	0.60	0.57	0.39	0.38	0.36	0.36										
100	0.93	0.97	1.02	0.97	0.64	0.62	0.56	0.58										
105	1.58	1.64	1.69	1.60	1.11	1.06	0.98	1.03										
110	2.46	2.55	2.61	2.49	1.81	1.73	1.63	1.71										
115	3.66	3.74	3.85	3.68	2.73	2.58	2.48	2.59										
120	5.18	5.24	5.33	5.12	3.75	3.58	3.47	3.59										
125	6.72	6.77	6.82	6.60	4.80	4.63	4.53	4.64										
130	8.03	8.08	8.09	7.93	5.85	5.69	5.57	5.64										
135	8.98	9.00	9.00	8.93	6.87	6.70	6.56	6.60										
140	9.57	9.54	9.52	9.55	7.70	7.55	7.43	7.47										
145	9.92	9.87	9.85	9.92	8.39	8.25	8.19	8.23										
150	10.4	10.3	10.3	10.3	9.12	8.99	8.94	8.95										
155	11.0	11.0	10.9	10.9	9.92	9.79	9.72	9.74										
160	11.8	11.7	11.6	11.5	10.7	10.6	10.5	10.6										
165	12.3	12.3	12.1	12.0	11.6	11.5	11.4	11.4										
170	12.7	12.6	12.5	12.4	12.4	12.3	12.2	12.1										
175	12.9	12.9	12.7	12.7	12.9	12.9	12.8	12.7										
180	13.0	13.0	12.9	12.8	13.0	12.9	12.9	12.8										

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