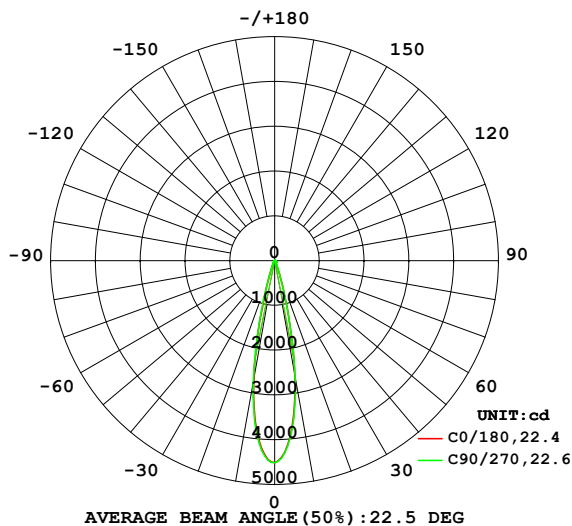


LUMINAIRE PHOTOMETRIC TEST REPORT

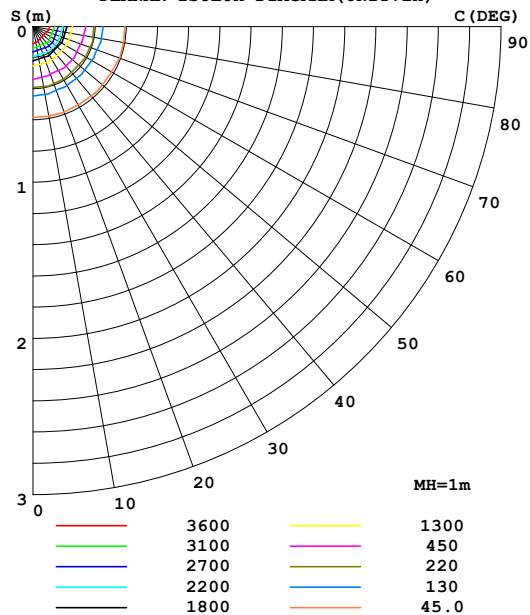
Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 84.62 lm/W
MODEL		I _{max} (cd)	4513	S/MH (C0/180)	0.37	
NOMINAL POWER(W)	9	LOR (%)	100.0	S/MH (C90/270)	0.37	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	776.20	η UP,DN (C0-180)	0.0,49.5	
NOMINAL FLUX(lm)	776.201	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.5	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.07	η down (%)	100.0	CIBSE SHR MAX	0.30	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [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	2617	2593	2648	2679	2712	2759	2765	2683	0- 10	340.2	340.2	43.8,43.8
20	317.2	318.4	323.5	315.1	298.8	316.1	341.7	326.2	10- 20	315.4	655.6	84.5,84.5
30	68.01	70.54	72.76	70.17	67.18	71.77	75.01	70.92	20- 30	67.27	722.9	93.1,93.1
40	27.35	28.42	28.49	28.42	27.64	27.79	28.11	27.75	30- 40	27.53	750.4	96.7,96.7
50	12.74	12.88	12.98	12.94	12.92	12.52	12.58	12.29	40- 50	15.01	765.4	98.6,98.6
60	3.648	3.807	3.970	4.001	3.946	3.886	3.892	3.655	50- 60	6.855	772.3	99.5,99.5
70	1.589	1.644	1.755	1.754	1.746	1.763	1.782	1.646	60- 70	2.557	774.8	99.8,99.8
80	0.5979	0.6106	0.6180	0.6288	0.6485	0.6334	0.5790	0.5689	70- 80	1.189	776.0	100,100
90	0.0332	0.0199	0.0390	0.0216	0.0217	0.0212	0.0267	0.0191	80- 90	0.2028	776.2	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 759 lm

%lum = 97.8%

%lamp = 97.8%

Conical surface Flux(120deg): 772.25 lm

%lum = 99.5%

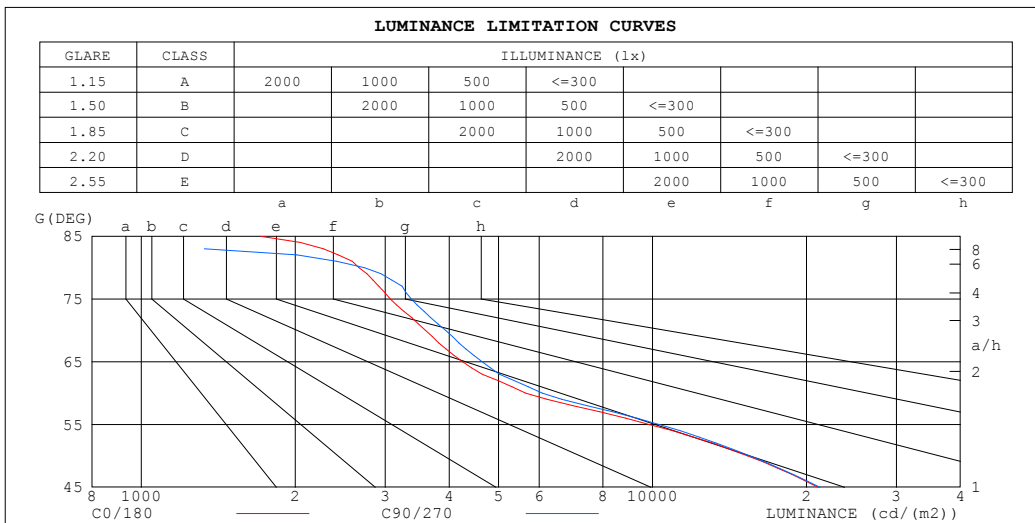
%lamp = 99.5%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-12-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1713	374
80	2666	2730
75	3071	3374
70	3598	3937
65	4250	4643
60	5650	6091
55	9860	10305
50	15347	15492
45	21061	21257

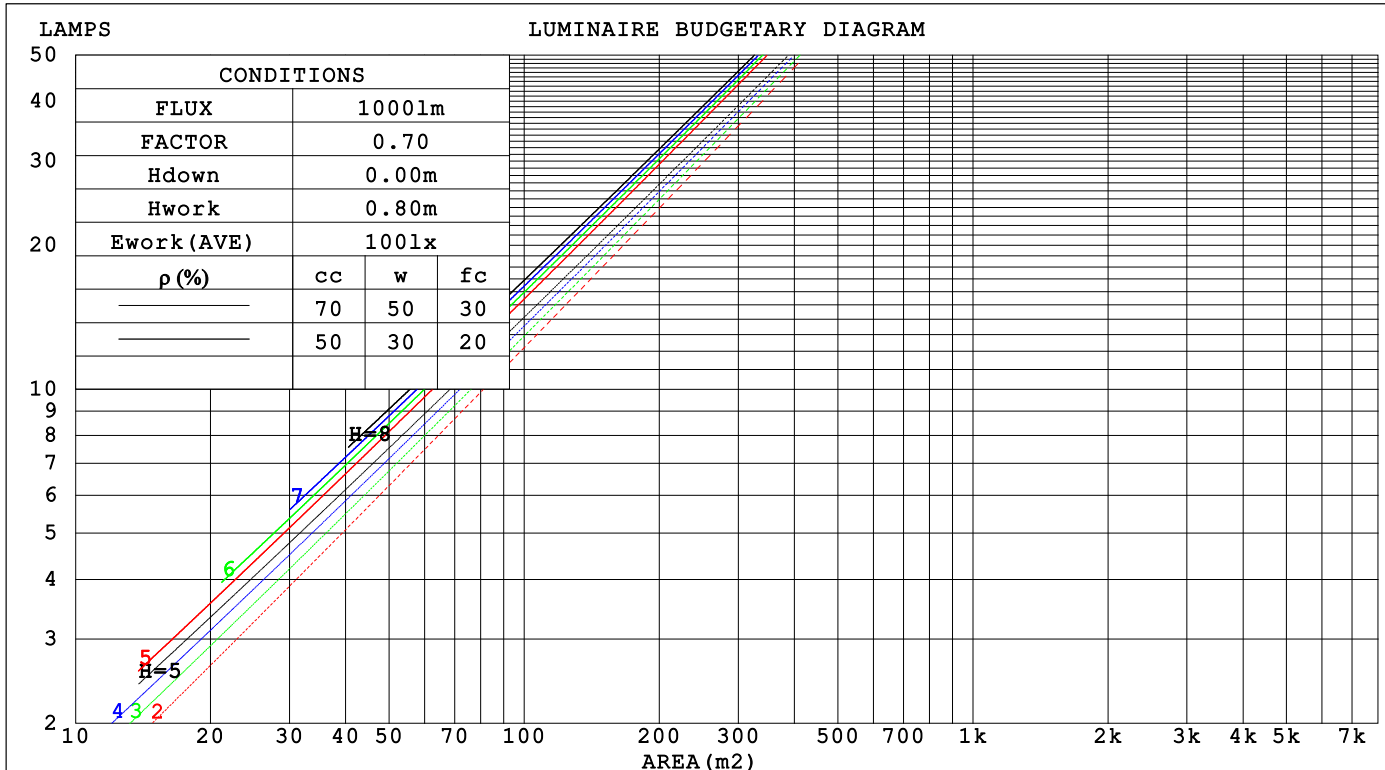
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402		
Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	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															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	1.02	1.02	1.02	1.00														
1.0	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.01	.00	.99	.99	.97														
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94														
3.0	1.04	1.00	.97	1.02	.99	.97	.00	.97	.95	.98	.95	.94	.96	.94	.92	.91														
4.0	.00	.96	.93	.99	.95	.93	.97	.94	.92	.95	.93	.91	.93	.91	.90	.88														
5.0	.97	.93	.90	.96	.92	.89	.94	.91	.89	.93	.90	.88	.91	.89	.87	.86														
6.0	.94	.90	.87	.93	.89	.86	.92	.88	.86	.90	.88	.85	.89	.87	.85	.84														
7.0	.91	.87	.84	.90	.87	.84	.89	.86	.84	.88	.85	.83	.87	.85	.83	.82														
8.0	.88	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80														
9.0	.86	.82	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.84	.81	.79	.78														
10.0	.84	.80	.78	.84	.80	.78	.83	.80	.78	.83	.80	.78	.82	.79	.77	.76														



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.40% KDisp:0.9402			Lamp Flux:776.201x1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming Lighting			SUR.: 41mm			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	.133	.076	.024	.127	.072	.023	.114	.066	.021	.103	.059	.019	.093	.054	.017		
2.0	.123	.068	.021	.118	.065	.020	.108	.060	.019	.098	.055	.017	.090	.051	.016		
3.0	.114	.061	.018	.110	.059	.018	.101	.055	.017	.094	.051	.016	.086	.048	.015		
4.0	.107	.055	.016	.103	.054	.016	.096	.051	.015	.089	.048	.014	.083	.045	.014		
5.0	.100	.051	.015	.097	.050	.014	.091	.047	.014	.085	.045	.013	.080	.043	.013		
6.0	.094	.047	.014	.092	.046	.013	.086	.044	.013	.081	.042	.012	.077	.040	.012		
7.0	.089	.044	.012	.087	.043	.012	.082	.042	.012	.078	.040	.012	.074	.038	.011		
8.0	.085	.041	.012	.083	.041	.011	.079	.039	.011	.075	.038	.011	.071	.037	.011		
9.0	.081	.039	.011	.079	.038	.011	.075	.037	.011	.072	.036	.010	.069	.035	.010		
10.0	.077	.037	.010	.075	.036	.010	.072	.035	.010	.069	.034	.010	.067	.034	.010		

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014		
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.059	.046	.040	.035	.015	.013	.011		
4.0	.122	.098	.080	.104	.085	.069	.072	.059	.049	.042	.034	.029	.013	.011	.009		
5.0	.111	.085	.067	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008		
6.0	.102	.075	.056	.088	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007		
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.032	.024	.018	.010	.008	.006		
8.0	.087	.060	.042	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005		
9.0	.081	.054	.036	.070	.047	.032	.049	.033	.022	.028	.020	.013	.009	.006	.004		
10.0	.076	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz UTHDi:0.17% ITHDi:18.40% KDisp:0.9402Lamp Flux:776.20lx1 lm											
NAME: MD10-09-XX-04 2700K RA90 24D						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming Lighting						SUR.: 41mm		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	13.1	13.7	13.3	13.8	14.0	13.2	13.8	13.4	14.0	14.1
	3H	13.1	13.7	13.4	13.9	14.1	13.3	13.9	13.5	14.1	14.3
	4H	13.2	13.7	13.4	13.9	14.1	13.3	13.9	13.6	14.1	14.3
	6H	13.2	13.7	13.4	13.9	14.1	13.3	13.9	13.6	14.1	14.3
	8H	13.1	13.6	13.4	13.9	14.1	13.3	13.8	13.6	14.1	14.3
	12H	13.1	13.6	13.4	13.9	14.1	13.3	13.8	13.6	14.0	14.3
4H	2H	13.0	13.6	13.3	13.8	14.0	13.2	13.7	13.4	13.9	14.2
	3H	13.2	13.6	13.5	13.9	14.2	13.3	13.8	13.6	14.1	14.3
	4H	13.2	13.6	13.5	13.9	14.2	13.4	13.8	13.7	14.1	14.4
	6H	13.2	13.6	13.6	13.9	14.3	13.4	13.8	13.8	14.1	14.5
	8H	13.2	13.6	13.6	13.9	14.3	13.4	13.7	13.8	14.1	14.5
	12H	13.2	13.5	13.6	13.9	14.3	13.3	13.7	13.7	14.0	14.4
8H	4H	13.1	13.5	13.5	13.8	14.2	13.3	13.7	13.7	14.0	14.4
	6H	13.2	13.5	13.6	13.9	14.3	13.3	13.7	13.8	14.0	14.5
	8H	13.2	13.5	13.6	13.9	14.3	13.3	13.6	13.8	14.0	14.5
	12H	13.1	13.4	13.6	13.8	14.3	13.3	13.5	13.7	13.9	14.4
12H	4H	13.1	13.4	13.5	13.8	14.2	13.2	13.6	13.6	14.0	14.3
	6H	13.1	13.4	13.6	13.8	14.3	13.3	13.6	13.7	14.0	14.4
	8H	13.1	13.4	13.6	13.8	14.3	13.3	13.5	13.8	14.0	14.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.5 / - 2.6					+ 1.5 / - 2.6					
1.5H	+ 1.7 / - 2.0					+ 1.9 / - 2.0					
2.0H	+ 3.3 / - 3.3					+ 3.2 / - 3.3					

CIE Pub.117, 776.2 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.9)
Area: 0.0013 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

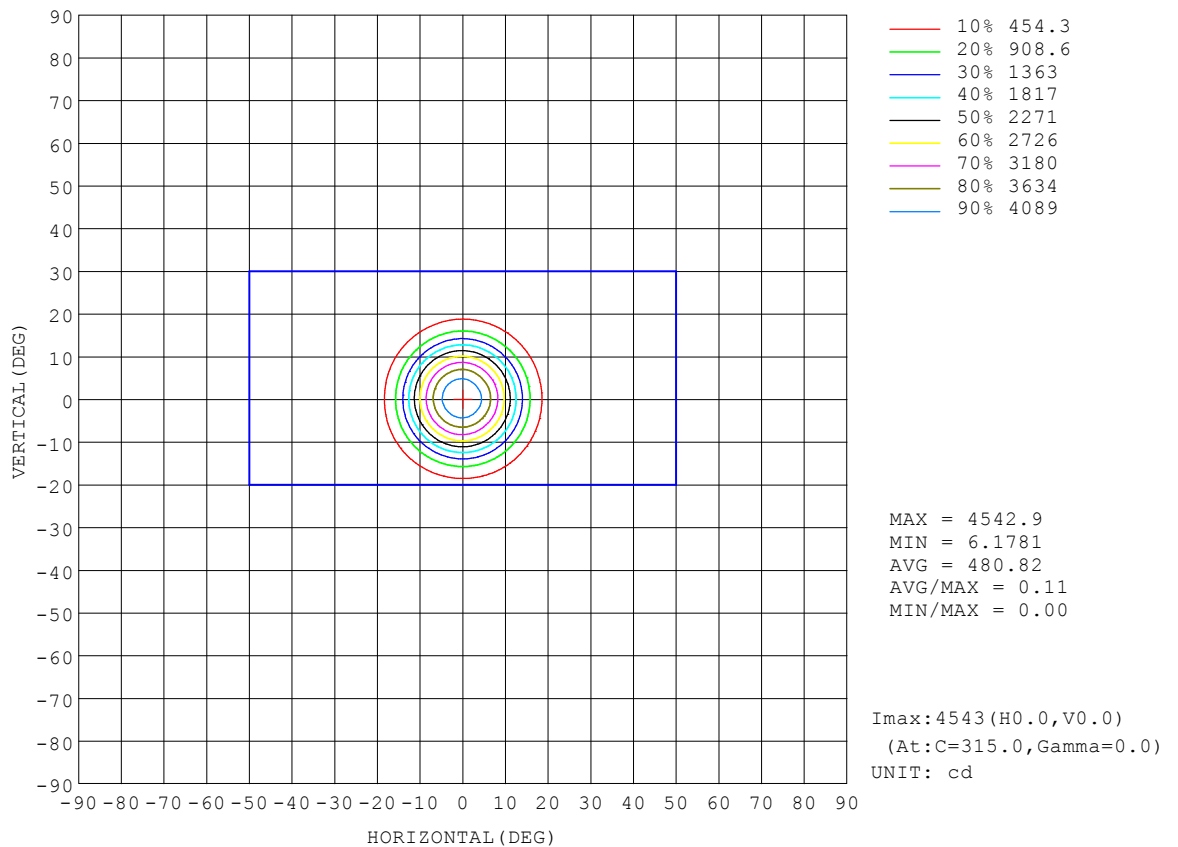
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	112	110	109	108	107	99
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: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

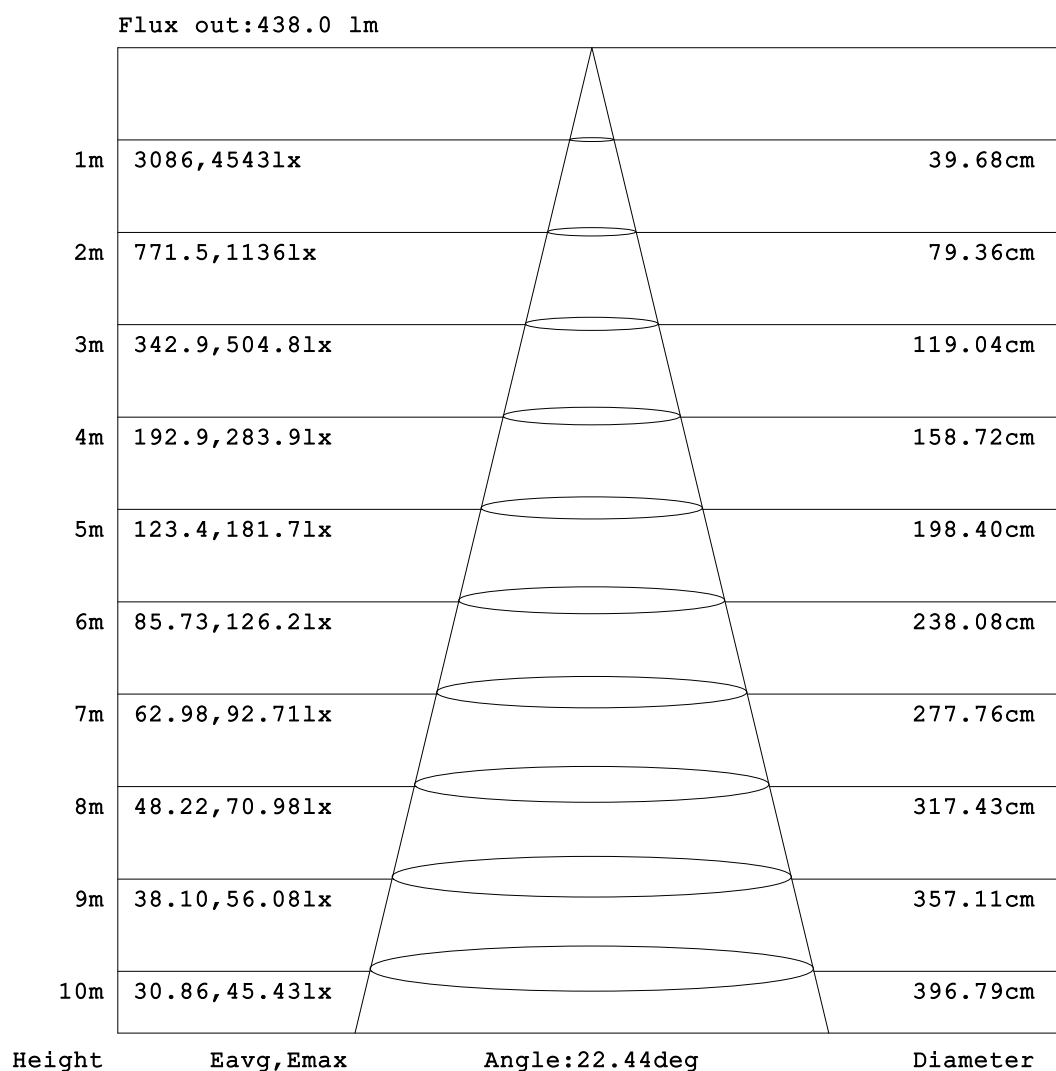


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



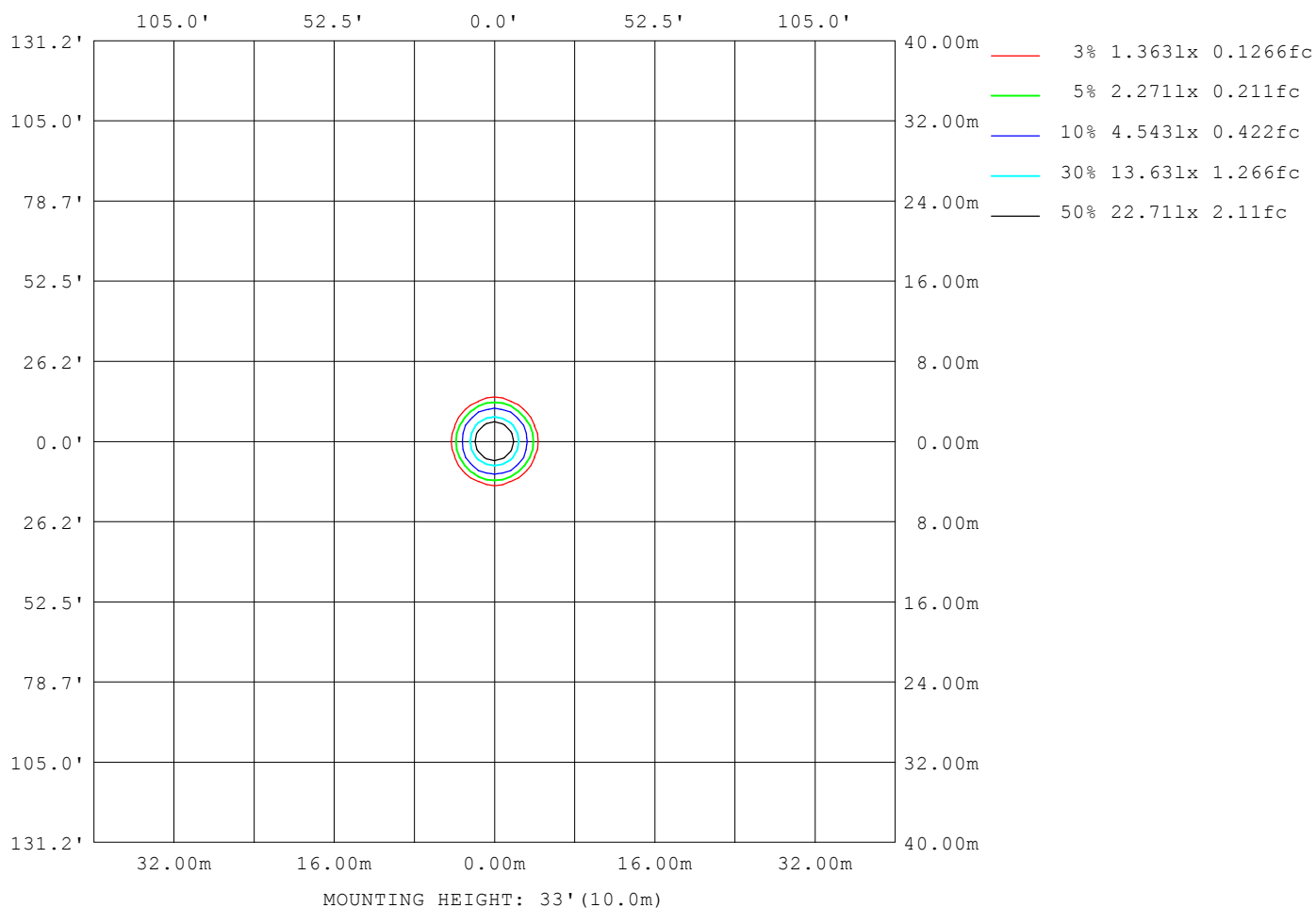
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.2V I:0.0413A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.40% KDisp:0.9402 Lamp Flux:776.20lx1 lm		
NAME: MD10-09-XX-04 2700K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

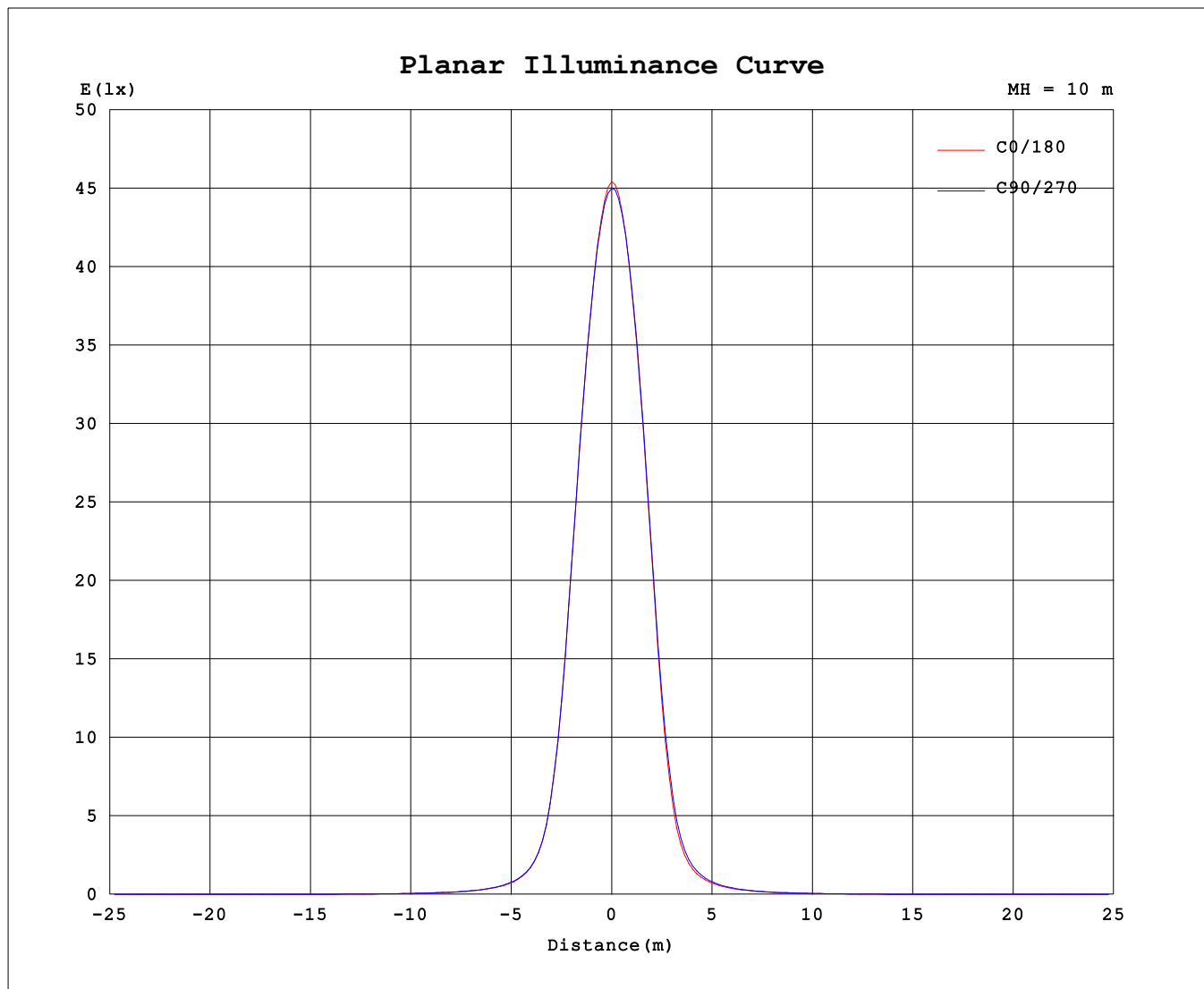
AvgL	cd/m2
L_0~180 (65) av	4425
L_0~180 (75) av	3223
L_0~180 (85) av	1846
L_90~270 (65) av	4681
L_90~270 (75) av	3409
L_90~270 (85) av	343
L_45 (65) av	4538
L_45 (75) av	3270
L_45 (85) av	211

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-21

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-12-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

```

Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	4513	4513	4513	4513	4513	4513	4513	4513
3.0	4287	4273	4304	4334	4340	4360	4367	4326
6.0	3736	3718	3771	3812	3827	3862	3880	3803
9.0	2932	2911	2975	3011	3034	3082	3088	3005
12.0	1966	1948	1978	2001	2024	2064	2075	2006
15.0	1079	1066	1081	1080	1076	1105	1148	1105
18.0	513.8	511.1	518.0	506.9	488.6	515.4	549.8	527.6
21.0	256.8	258.6	263.4	257.3	242.3	256.1	276.3	264.1
24.0	150.5	153.9	157.0	153.6	144.4	152.6	163.7	155.1
27.0	97.84	101.1	103.5	100.8	95.85	101.5	107.6	101.3
30.0	68.01	70.54	72.76	70.17	67.18	71.77	75.01	70.92
33.0	49.20	51.51	52.72	50.93	48.95	51.82	53.60	51.33
36.0	37.25	39.19	39.58	38.83	37.46	38.91	39.55	38.65
39.0	29.43	30.74	30.82	30.65	29.74	30.12	30.49	30.07
42.0	23.73	24.37	24.49	24.43	23.93	23.74	24.03	23.72
45.0	19.23	19.56	19.60	19.53	19.32	18.85	19.09	18.77
48.0	15.21	15.41	15.46	15.38	15.33	14.89	14.99	14.71
51.0	11.53	11.68	11.82	11.80	11.79	11.41	11.47	11.13
54.0	8.296	8.434	8.670	8.664	8.633	8.377	8.376	8.053
57.0	5.543	5.695	5.931	5.953	5.877	5.739	5.728	5.428
60.0	3.648	3.807	3.970	4.001	3.946	3.886	3.892	3.655
63.0	2.721	2.843	2.970	2.998	2.964	2.984	3.009	2.792
66.0	2.147	2.250	2.370	2.384	2.354	2.384	2.400	2.221
69.0	1.717	1.778	1.896	1.896	1.881	1.905	1.922	1.777
72.0	1.348	1.396	1.483	1.488	1.489	1.498	1.508	1.390
75.0	1.026	1.068	1.138	1.138	1.142	1.147	1.155	1.048
78.0	0.7628	0.8004	0.8378	0.8302	0.8392	0.8492	0.7969	0.7704
81.0	0.5220	0.5086	0.4910	0.5179	0.5545	0.5220	0.4610	0.4719
84.0	0.2760	0.1582	0.0471	0.1801	0.3128	0.1635	0.0370	0.1204
87.0	0.0426	0.0212	0.0419	0.0194	0.0348	0.0170	0.0364	0.0175
90.0	0.0332	0.0199	0.0390	0.0216	0.0217	0.0212	0.0267	0.0191

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