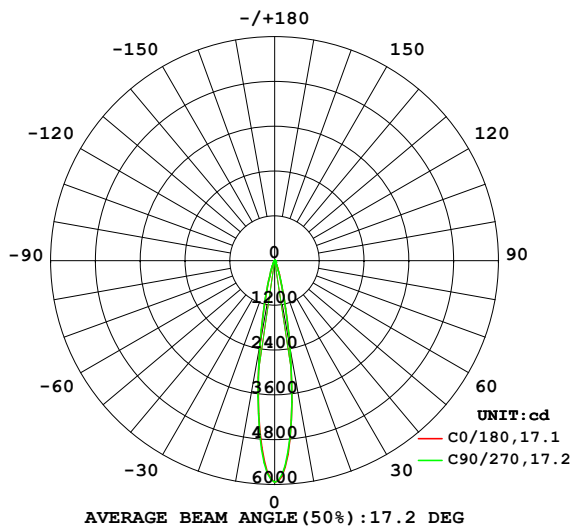


LUMINAIRE PHOTOMETRIC TEST REPORT

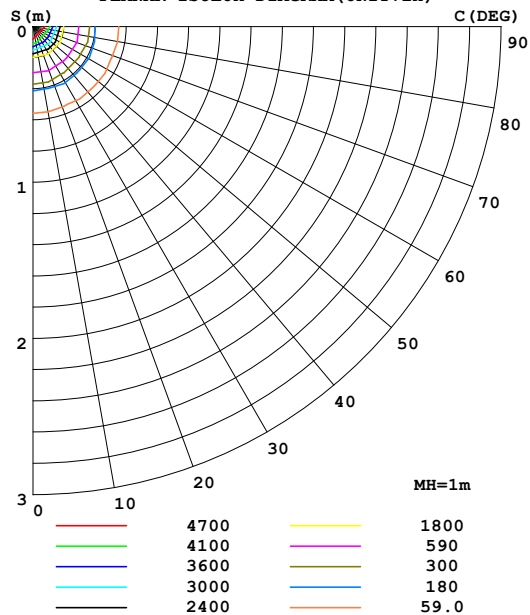
Test:U:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401 Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.47 lm/W
MODEL		I _{max} (cd)	5934	S/MH (C0/180)		0.29
NOMINAL POWER(W)	9	LOR (%)	100.0	S/MH (C90/270)		0.29
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	746.40	η UP,DN (C0-180)		0.0,50.7
NOMINAL FLUX(lm)	746.398	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,49.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE(V)	240.3	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:2023-12-20

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	2385	2411	2390	2327	2258	2247	2281	2307	0- 10	367.6	367.6	49.2,49.2
20	331.8	325.6	308.9	283.0	297.0	309.4	326.9	309.4	10- 20	255.7	623.3	83.5,83.5
30	73.44	72.70	71.63	67.93	68.56	69.91	73.56	70.02	20- 30	68.47	691.8	92.7,92.7
40	28.10	28.31	27.72	26.94	27.45	27.98	28.24	27.42	30- 40	27.52	719.3	96.4,96.4
50	12.07	11.84	12.02	12.23	12.23	12.10	12.30	12.22	40- 50	14.50	733.8	98.3,98.3
60	5.206	5.180	5.362	5.550	5.504	5.374	5.300	5.252	50- 60	7.190	741.0	99.3,99.3
70	2.081	2.064	2.479	2.593	2.558	2.410	2.532	2.187	60- 70	3.781	744.8	99.8,99.8
80	0.6266	0.6191	0.5713	0.6475	0.6816	0.6198	0.5212	0.5713	70- 80	1.436	746.2	100,100
90	0.0284	0.0160	0.0280	0.0158	0.0182	0.0170	0.0219	0.0126	80- 90	0.1848	746.4	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): 727.73 lm

%lum = 97.5%

%lamp = 97.5%

Conical surface Flux(120deg): 741 lm

%lum = 99.3%

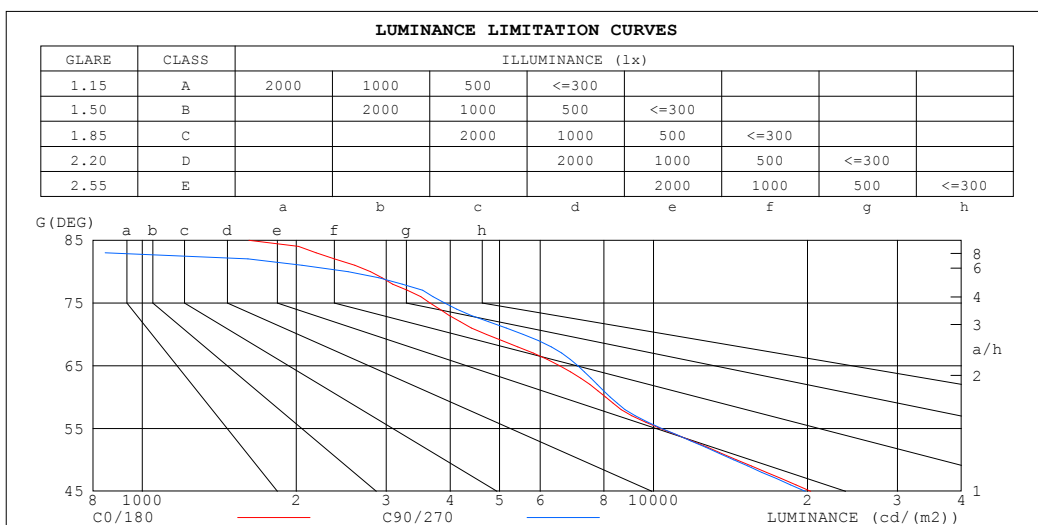
%lamp = 99.3%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401 Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



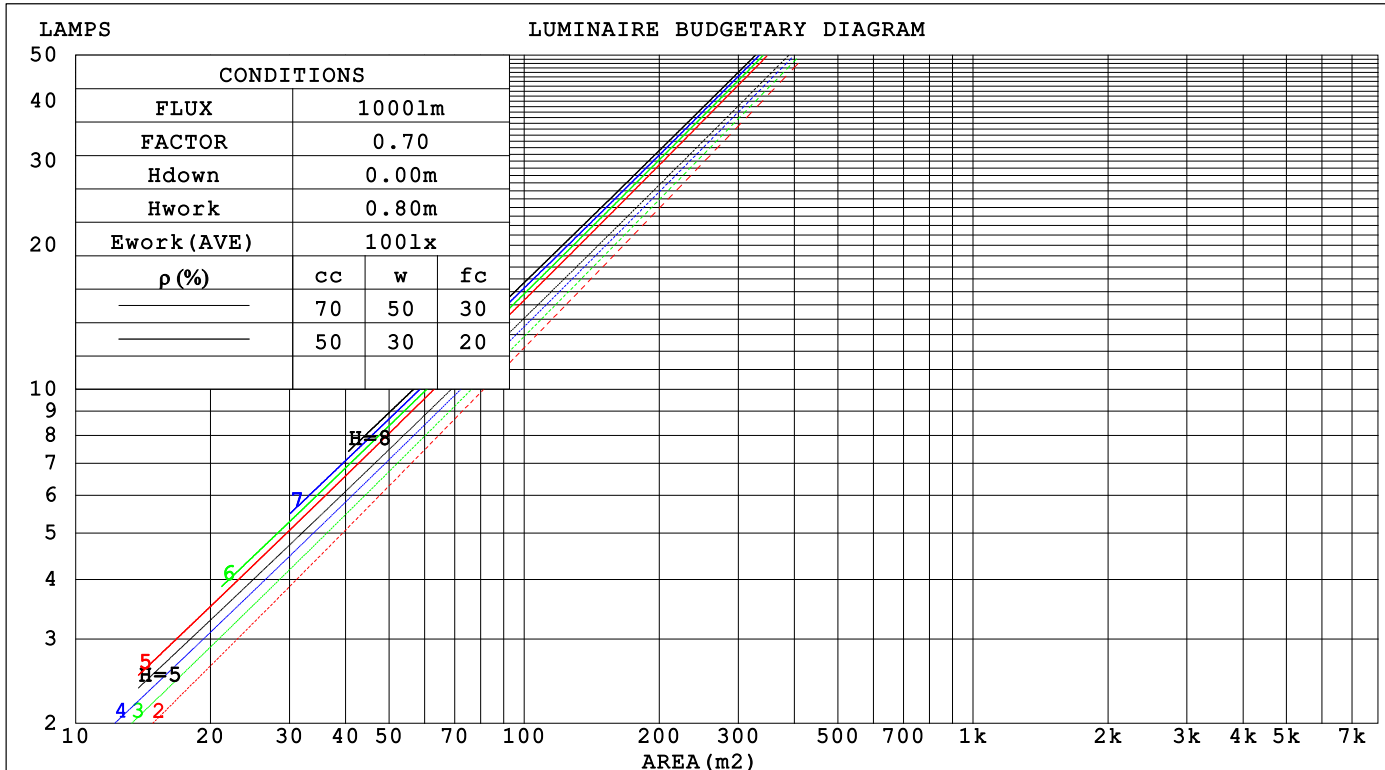
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401		
Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	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	1.02	1.00	.99	.99	.97														
2.0	1.08	1.05	1.03	1.07	1.04	1.02	1.03	1.01	.00	1.01	.99	.97	.98	.97	.96	.94														
3.0	1.04	1.00	.98	1.03	.99	.97	1.00	.98	.95	.98	.96	.94	.96	.94	.93	.91														
4.0	1.00	.97	.94	.99	.96	.93	.97	.94	.92	.95	.93	.91	.94	.92	.90	.89														
5.0	.97	.93	.90	.96	.93	.90	.95	.92	.89	.93	.91	.88	.92	.90	.88	.87														
6.0	.94	.90	.88	.94	.90	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.85														
7.0	.92	.88	.85	.91	.87	.85	.90	.87	.84	.89	.86	.84	.88	.86	.84	.83														
8.0	.89	.86	.83	.89	.85	.83	.88	.85	.83	.87	.84	.82	.86	.84	.82	.81														
9.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.83	.80	.85	.82	.80	.79														
10.0	.85	.82	.79	.85	.82	.79	.84	.81	.79	.84	.81	.79	.83	.81	.79	.78														



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz			UTHDi:0.18% ITHDi:18.34% KDisp:0.9401			Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D			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	.132	.075	.024	.125	.071	.023	.113	.065	.021	.101	.059	.019	.091	.053	.017		
2.0	.122	.067	.020	.116	.064	.020	.106	.059	.018	.097	.054	.017	.088	.050	.016		
3.0	.113	.060	.018	.108	.058	.017	.100	.054	.016	.092	.050	.015	.085	.047	.015		
4.0	.105	.054	.016	.101	.053	.016	.094	.050	.015	.087	.047	.014	.081	.044	.013		
5.0	.098	.050	.014	.095	.049	.014	.089	.046	.014	.083	.044	.013	.078	.042	.013		
6.0	.092	.046	.013	.089	.045	.013	.084	.043	.013	.079	.041	.012	.075	.039	.012		
7.0	.087	.043	.012	.085	.042	.012	.080	.041	.012	.076	.039	.011	.072	.037	.011		
8.0	.082	.040	.011	.080	.040	.011	.076	.038	.011	.073	.037	.011	.069	.036	.010		
9.0	.078	.038	.011	.076	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010		
10.0	.075	.036	.010	.073	.035	.010	.070	.034	.010	.067	.033	.009	.064	.032	.009		

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	.119	.128	.114	.103	.088	.079	.072	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.069	.072	.059	.049	.041	.034	.029	.013	.011	.009	
5.0	.110	.085	.067	.095	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.048	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.037	.051	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.080	.054	.037	.069	.047	.032	.048	.033	.023	.028	.020	.013	.009	.006	.004	
10.0	.075	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz UTHDi:0.18% ITHDi:18.34% KDisp:0.9401Lamp Flux:746.398x1 lm										
NAME: MD10-09-XX-04 2700K RA90 15D						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	13.5	14.1	13.7	14.2	14.4	13.4	14.0	13.6	14.2	14.3
3H	13.7	14.3	13.9	14.4	14.6	13.7	14.3	14.0	14.5	14.7
4H	13.7	14.3	14.0	14.5	14.7	13.8	14.3	14.0	14.5	14.7
6H	13.7	14.2	14.0	14.5	14.7	13.8	14.3	14.1	14.5	14.8
8H	13.7	14.2	14.0	14.4	14.7	13.8	14.3	14.0	14.5	14.7
12H	13.7	14.1	14.0	14.4	14.7	13.7	14.2	14.0	14.4	14.7
4H 2H	13.5	14.1	13.8	14.3	14.5	13.5	14.0	13.8	14.2	14.5
3H	13.8	14.3	14.1	14.6	14.8	13.9	14.4	14.2	14.6	14.9
4H	13.9	14.3	14.2	14.6	14.9	14.0	14.4	14.3	14.7	15.0
6H	13.9	14.3	14.3	14.6	15.0	14.0	14.4	14.3	14.7	15.0
8H	13.9	14.3	14.3	14.6	15.0	13.9	14.3	14.3	14.7	15.0
12H	13.8	14.2	14.3	14.6	14.9	13.9	14.2	14.3	14.6	15.0
8H 4H	13.8	14.2	14.2	14.5	14.9	13.9	14.3	14.3	14.6	15.0
6H	13.9	14.2	14.3	14.6	15.0	13.9	14.2	14.4	14.6	15.0
8H	13.9	14.1	14.3	14.5	15.0	13.9	14.2	14.3	14.6	15.0
12H	13.8	14.1	14.3	14.5	15.0	13.8	14.1	14.3	14.5	15.0
12H 4H	13.8	14.1	14.2	14.5	14.9	13.9	14.2	14.3	14.6	14.9
6H	13.8	14.1	14.3	14.5	14.9	13.9	14.2	14.3	14.6	15.0
8H	13.8	14.0	14.3	14.5	15.0	13.9	14.1	14.3	14.5	15.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 2.1					+ 1.3 / - 2.0				
1.5H	+ 2.0 / - 1.7					+ 1.9 / - 1.7				
2.0H	+ 2.6 / - 1.7					+ 2.5 / - 1.6				

CIE Pub.117, 746.4 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.0)
Area: 0.0013 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401 Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

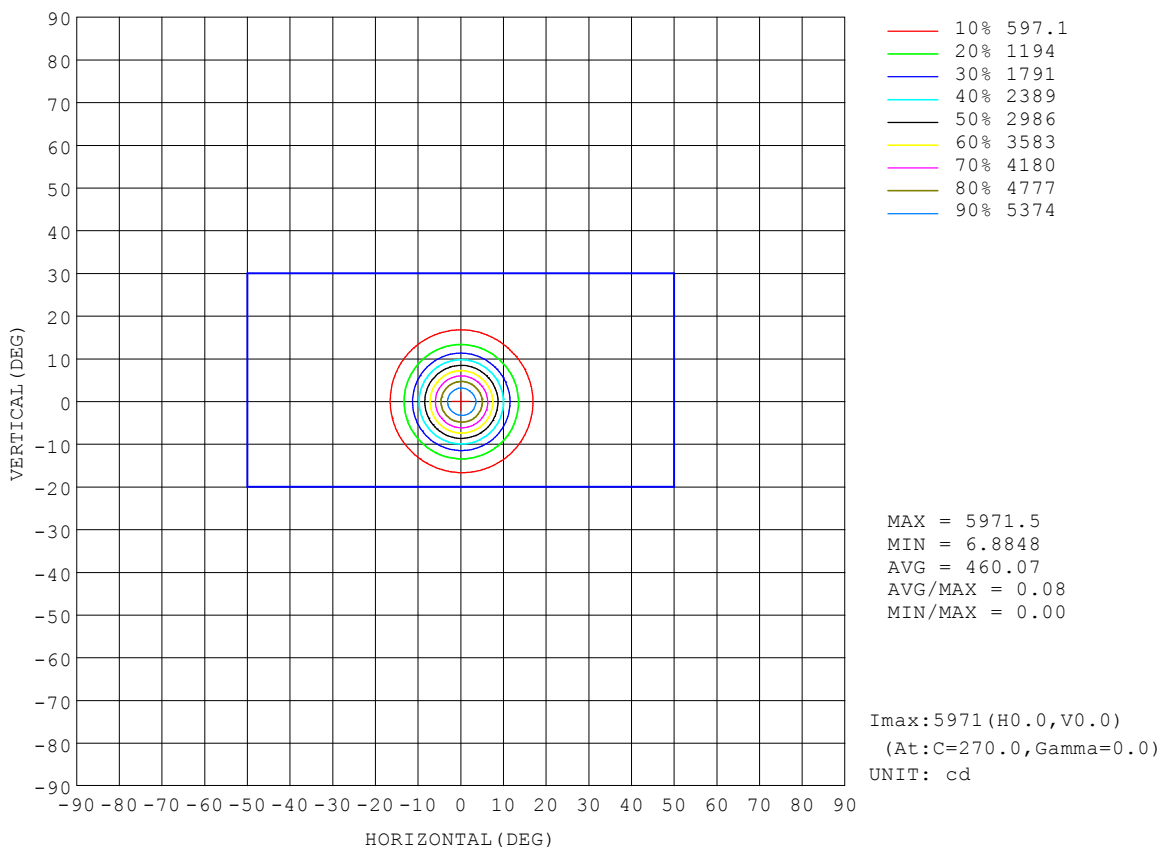
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	113	111	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:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401 Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

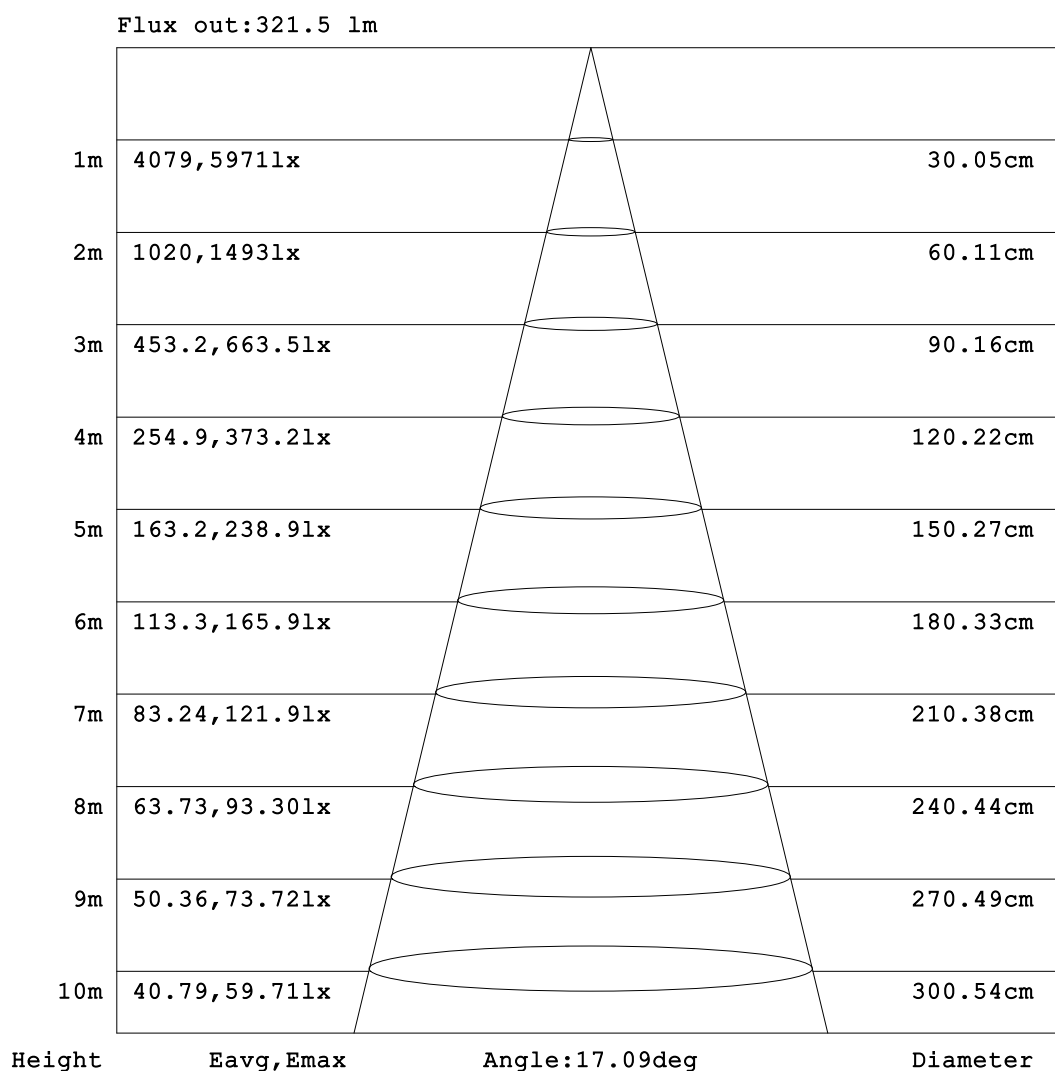


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401		Lamp Flux:746.398x1 lm
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



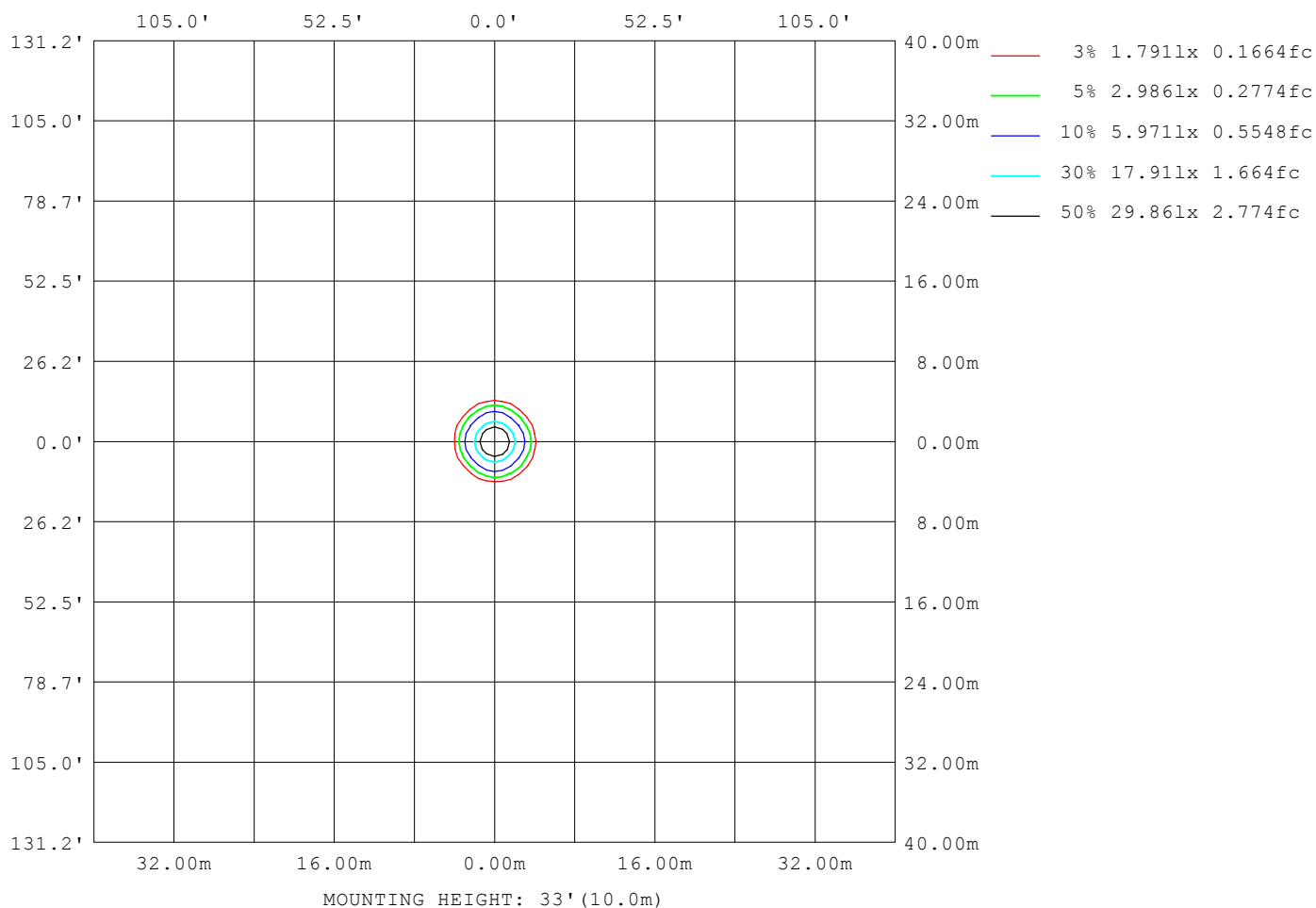
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401		Lamp Flux:746.398x1 lm
NAME: MD10-09-XX-04 2700K RA90 15D	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:2023-12-20

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:240.3V I:0.0412A P:9.2W PF:0.9245 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.34% KDisp:0.9401 Lamp Flux:746.398x1 lm		
NAME: MD10-09-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

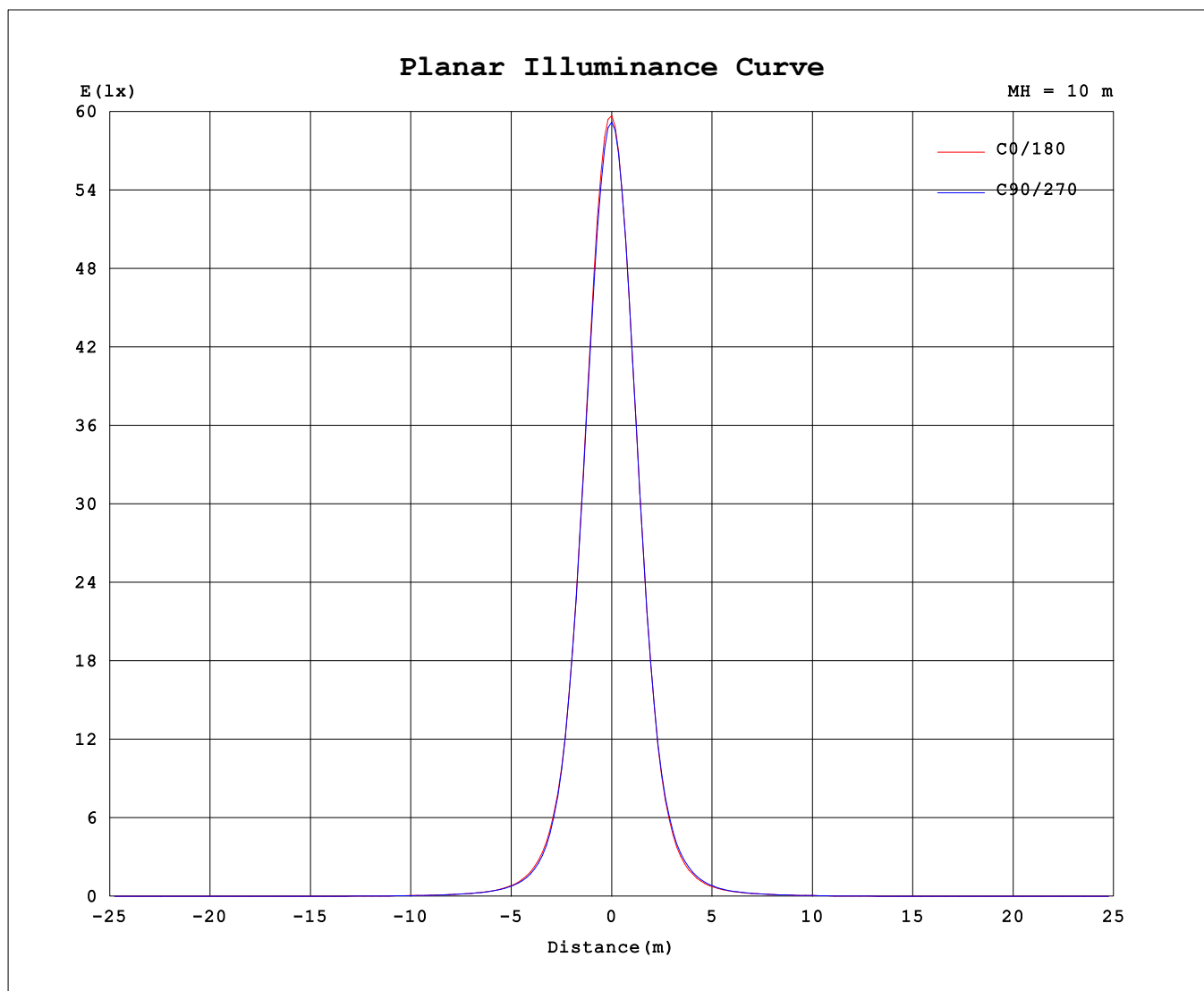
AvgL	cd/m2
L_0~180 (65) av	6931
L_0~180 (75) av	3838
L_0~180 (85) av	1632
L_90~270 (65) av	7114
L_90~270 (75) av	3976
L_90~270 (85) av	291
L_45 (65) av	6897
L_45 (75) av	3843
L_45 (85) av	187

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-12-20

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: 2023-12-20

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	5934	5934	5934	5934	5934	5934	5934	5934
3.0	5530	5535	5487	5439	5379	5379	5421	5470
6.0	4316	4344	4289	4211	4123	4115	4170	4223
9.0	2841	2869	2844	2775	2695	2681	2719	2755
12.0	1621	1643	1626	1575	1532	1522	1554	1553
15.0	873.1	875.4	856.5	815.7	812.2	819.3	843.8	829.1
18.0	481.0	475.0	455.2	422.1	435.4	448.8	469.2	450.8
21.0	278.3	272.8	258.2	235.8	248.5	259.6	275.4	259.2
24.0	169.1	166.5	157.3	145.2	152.2	158.5	169.1	157.4
27.0	108.4	107.2	103.0	96.63	99.22	102.0	108.7	101.6
30.0	73.44	72.70	71.63	67.93	68.56	69.91	73.56	70.02
33.0	52.17	52.29	51.66	49.67	49.78	50.72	52.29	50.57
36.0	39.43	39.78	38.96	37.68	38.01	38.83	39.40	38.25
39.0	30.57	30.80	30.18	29.22	29.79	30.34	30.64	29.75
42.0	23.81	23.78	23.43	22.91	23.44	23.75	24.00	23.38
45.0	18.55	18.30	18.24	18.14	18.46	18.49	18.80	18.44
48.0	14.37	14.11	14.19	14.34	14.45	14.36	14.63	14.47
51.0	11.05	10.86	11.03	11.26	11.22	11.09	11.25	11.20
54.0	8.413	8.285	8.493	8.710	8.598	8.431	8.490	8.488
57.0	6.376	6.340	6.536	6.739	6.637	6.456	6.413	6.412
60.0	5.206	5.180	5.362	5.550	5.504	5.374	5.300	5.252
63.0	4.228	4.190	4.464	4.620	4.606	4.477	4.437	4.289
66.0	3.254	3.221	3.642	3.768	3.751	3.603	3.636	3.365
69.0	2.336	2.319	2.779	2.893	2.865	2.704	2.812	2.462
72.0	1.671	1.668	1.914	2.012	1.992	1.896	1.995	1.737
75.0	1.222	1.240	1.316	1.347	1.360	1.339	1.359	1.245
78.0	0.8295	0.8659	0.8734	0.9221	0.9300	0.9088	0.8152	0.8171
81.0	0.5263	0.4955	0.4185	0.5125	0.5692	0.4770	0.3802	0.4467
84.0	0.2728	0.1363	0.0400	0.1461	0.2758	0.1103	0.0338	0.1129
87.0	0.0402	0.0141	0.0332	0.0091	0.0392	0.0161	0.0296	0.0126
90.0	0.0284	0.0160	0.0280	0.0158	0.0182	0.0170	0.0219	0.0126

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