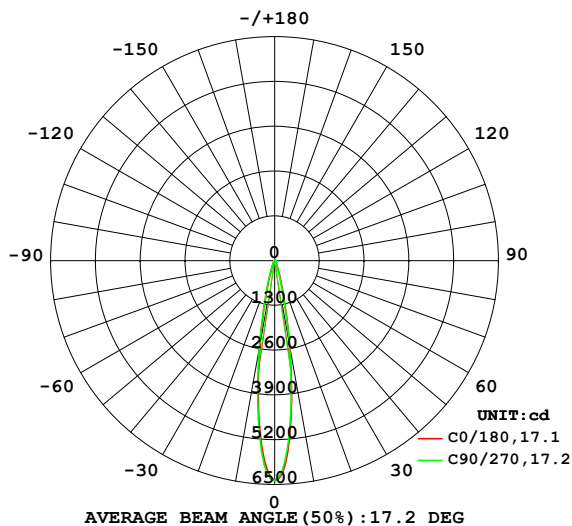


LUMINAIRE PHOTOMETRIC TEST REPORT

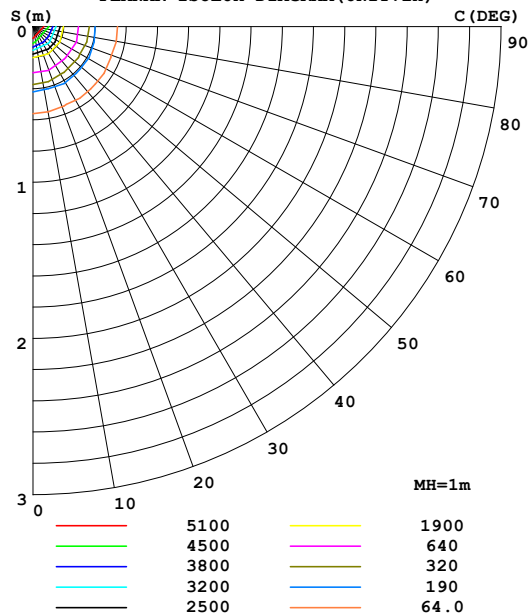
Test:U:240.2V I:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 87.04 lm/W
MODEL		I _{max} (cd)	6385	S/MH (C0/180)		0.29
NOMINAL POWER(W)	9	LOR (%)	100.0	S/MH (C90/270)		0.30
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	805.95	η UP,DN (C0-180)		0.0,49.4
NOMINAL FLUX(lm)	805.945	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,50.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE(V)	240.19	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	2531	2491	2469	2461	2476	2530	2574	2538	0- 10	395.8	395.8	49.1,49.1
20	360.8	339.0	316.7	293.0	320.2	351.1	377.7	353.4	10- 20	276.9	672.7	83.5,83.5
30	80.41	76.69	74.28	70.59	73.33	77.58	83.59	78.93	20- 30	74.45	747.1	92.7,92.7
40	30.44	29.99	28.91	28.02	29.22	30.51	31.32	30.46	30- 40	29.70	776.8	96.4,96.4
50	13.00	12.60	12.48	12.67	12.97	13.17	13.56	13.44	40- 50	15.57	792.4	98.3,98.3
60	5.573	5.547	5.691	5.828	5.846	5.797	5.722	5.668	50- 60	7.685	800.1	99.3,99.3
70	2.271	2.390	2.747	2.784	2.720	2.702	2.772	2.381	60- 70	4.080	804.2	99.8,99.8
80	0.6893	0.6901	0.6445	0.7103	0.7372	0.6796	0.5674	0.6106	70- 80	1.570	805.7	100,100
90	0.0332	0.0225	0.0428	0.0210	0.0233	0.0234	0.0290	0.0213	80- 90	0.2096	805.9	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): 785.87 lm

%lum = 97.5%

%lamp = 97.5%

Conical surface Flux(120deg): 800.09 lm

%lum = 99.3%

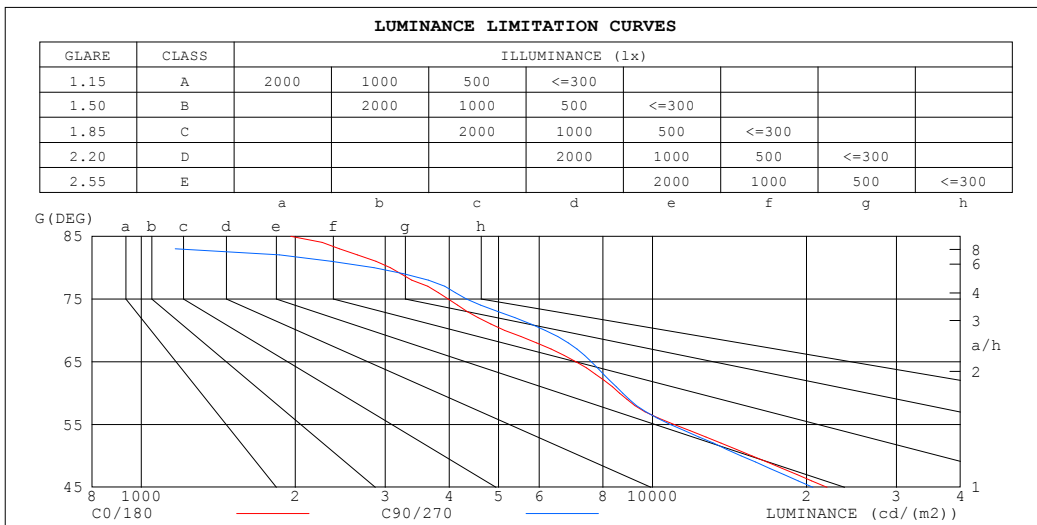
%lamp = 99.3%

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

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



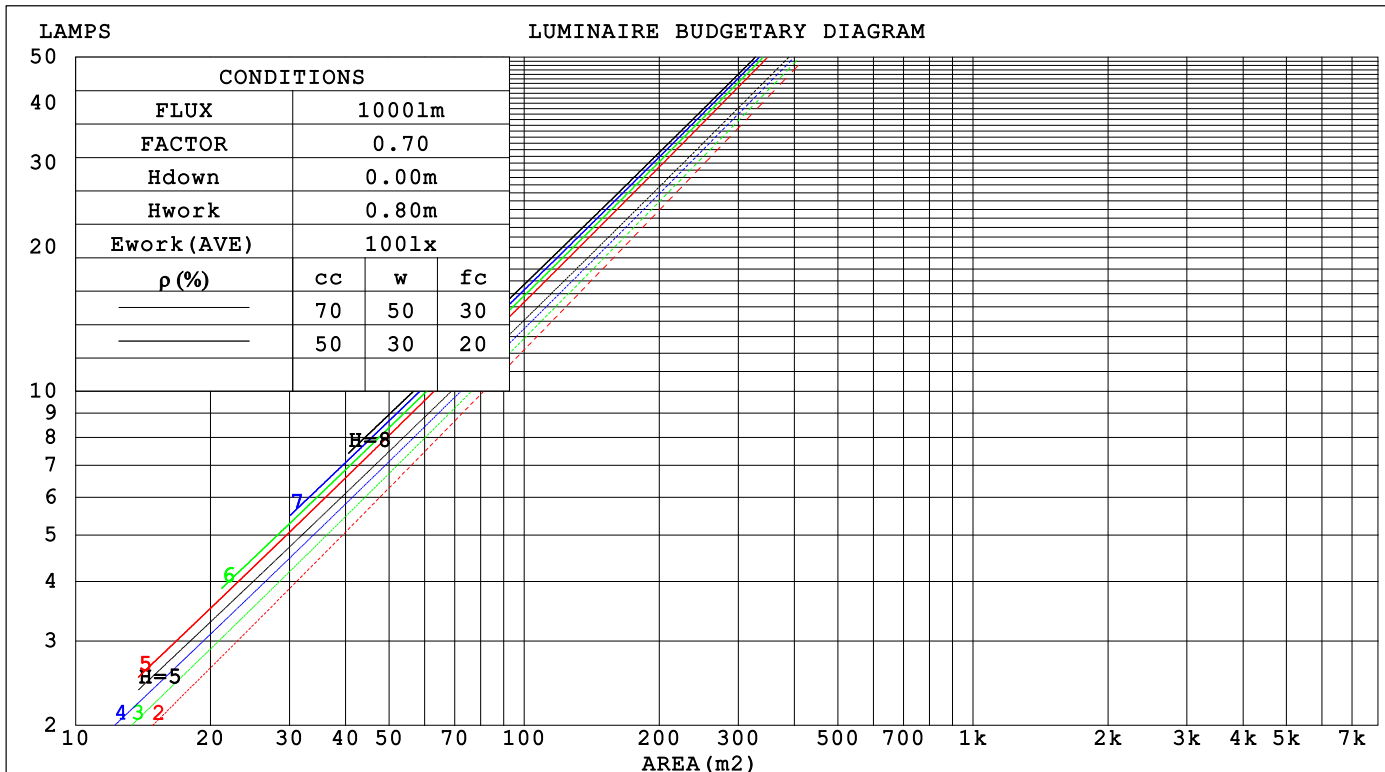
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420		
Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{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	1.02	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	.95	.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	.87	.93	.90	.87	.92	.89	.87	.91	.88	.86	.90	.87	.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	.82	.87	.84	.82	.86	.84	.82	.81														
9.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.82	.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:2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz			UTHDi:0.18% ITHDi:17.97% KDisp:0.9420			Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K 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	.102	.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	.055	.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	.090	.045	.013	.084	.043	.013	.080	.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	.077	.038	.011	.073	.037	.011	.069	.036	.010		
9.0	.078	.038	.011	.077	.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	.065	.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	.036	.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:2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm										
NAME: MD10-09-XX-04 3000K 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	13.7	14.3	13.9	14.4	14.6	13.5	14.1	13.7	14.3	14.4
3H	13.9	14.5	14.2	14.7	14.9	13.9	14.4	14.1	14.6	14.8
4H	14.0	14.5	14.2	14.7	14.9	13.9	14.5	14.2	14.7	14.9
6H	14.0	14.5	14.2	14.7	14.9	13.9	14.5	14.2	14.7	14.9
8H	14.0	14.4	14.2	14.7	14.9	13.9	14.4	14.2	14.7	14.9
12H	13.9	14.4	14.2	14.7	14.9	13.9	14.4	14.2	14.6	14.9
4H 2H	13.8	14.3	14.0	14.5	14.7	13.6	14.2	13.9	14.4	14.6
3H	14.1	14.6	14.4	14.8	15.1	14.0	14.5	14.3	14.8	15.0
4H	14.2	14.6	14.5	14.9	15.2	14.1	14.6	14.5	14.9	15.2
6H	14.2	14.6	14.5	14.9	15.2	14.2	14.6	14.5	14.9	15.2
8H	14.2	14.5	14.5	14.9	15.2	14.1	14.5	14.5	14.9	15.2
12H	14.1	14.5	14.5	14.8	15.2	14.1	14.4	14.5	14.8	15.2
8H 4H	14.1	14.5	14.5	14.8	15.2	14.1	14.5	14.5	14.8	15.2
6H	14.2	14.5	14.6	14.8	15.3	14.1	14.5	14.6	14.8	15.3
8H	14.1	14.4	14.6	14.8	15.3	14.1	14.4	14.6	14.8	15.2
12H	14.1	14.3	14.6	14.8	15.2	14.1	14.3	14.5	14.7	15.2
12H 4H	14.1	14.4	14.5	14.8	15.1	14.0	14.4	14.4	14.8	15.1
6H	14.1	14.4	14.5	14.8	15.2	14.1	14.4	14.5	14.8	15.2
8H	14.1	14.3	14.6	14.8	15.2	14.1	14.3	14.5	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 2.1					+ 1.2 / - 1.9				
1.5H	+ 2.1 / - 1.8					+ 1.8 / - 1.6				
2.0H	+ 2.6 / - 1.6					+ 2.4 / - 1.5				

CIE Pub.117, 805.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.7)
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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

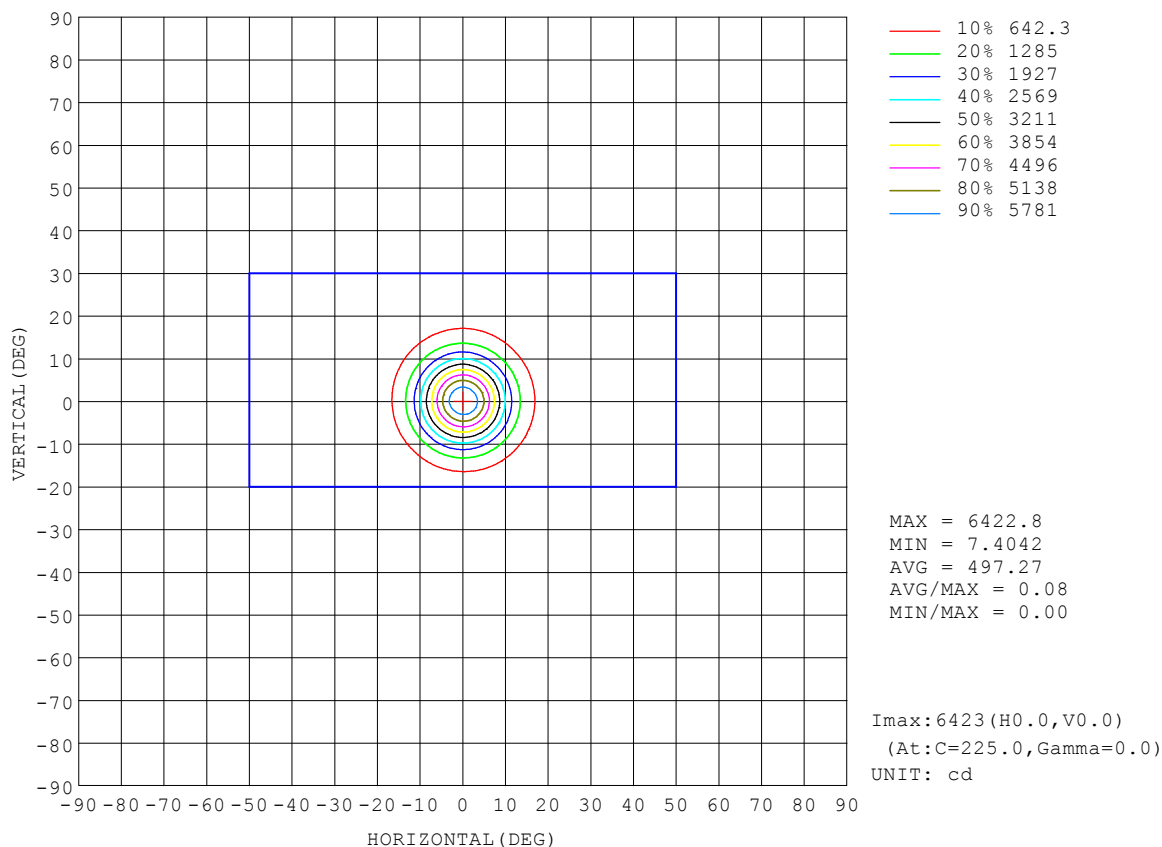
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	96	91	87	96	91	87	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: 2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

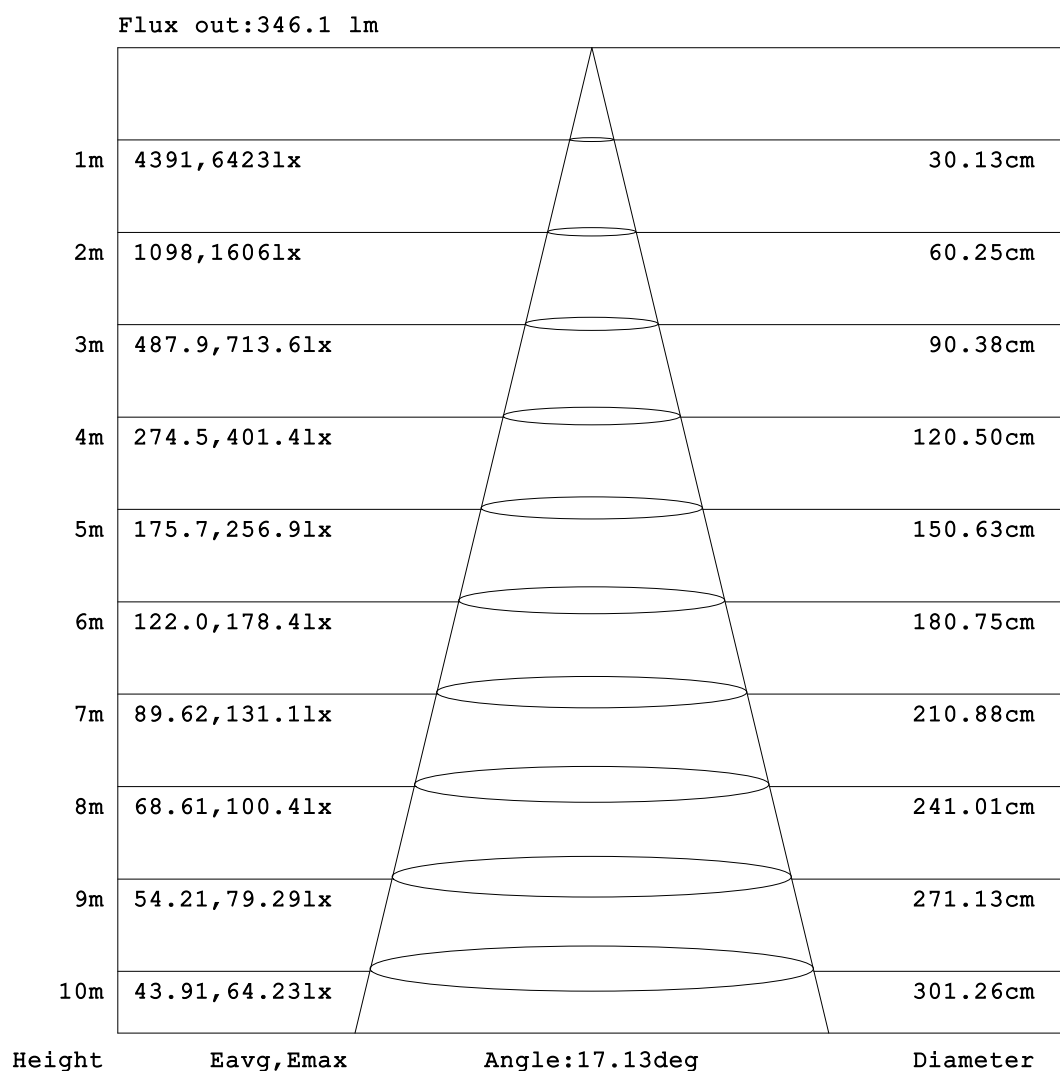


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420		Lamp Flux:805.945x1 lm
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



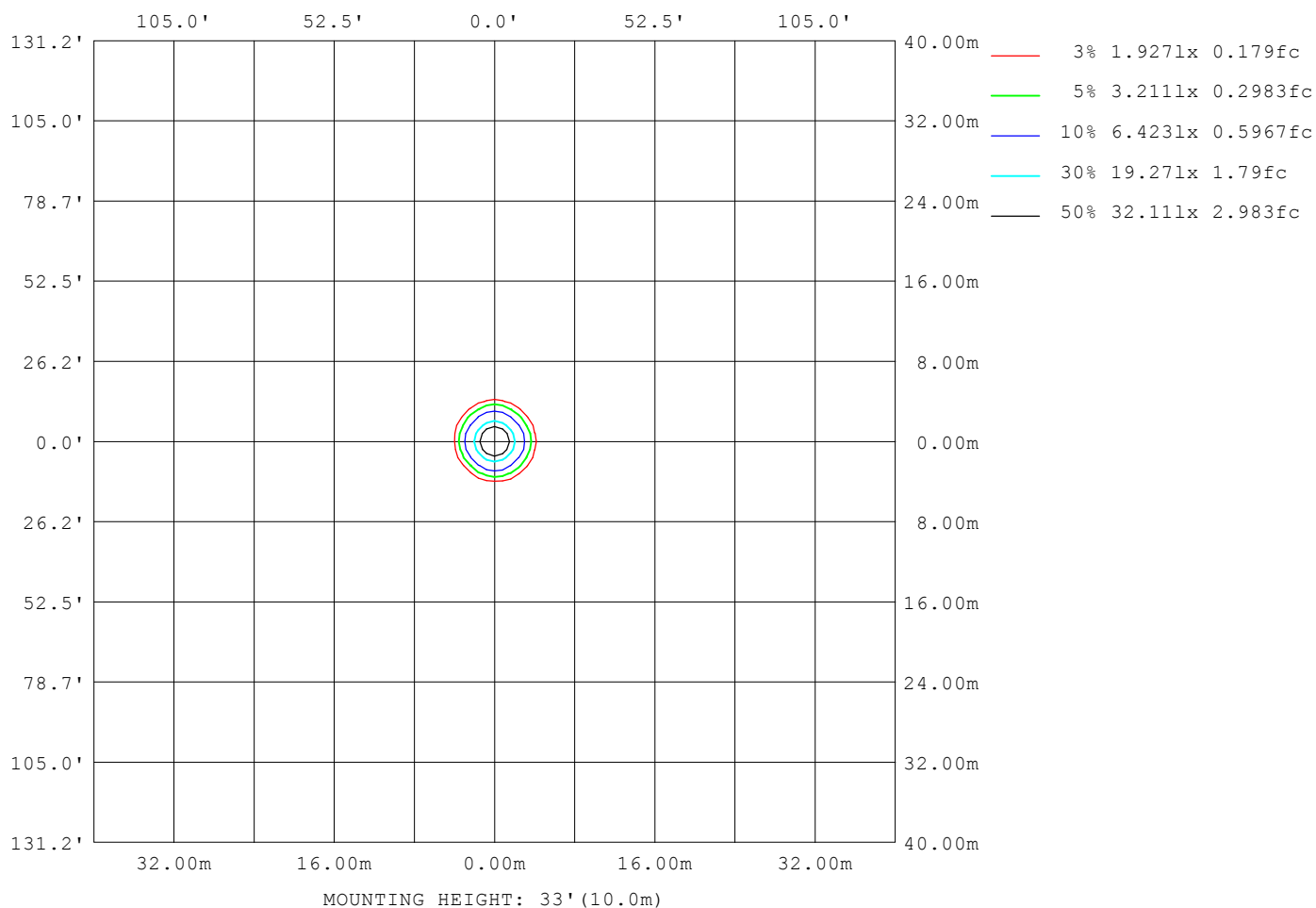
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K 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:2023-12-21

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:0.0416A P:9.3W PF:0.9264 Freq:49.99Hz		
UTHDi:0.18% ITHDi:17.97% KDisp:0.9420 Lamp Flux:805.945x1 lm		
NAME: MD10-09-XX-04 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

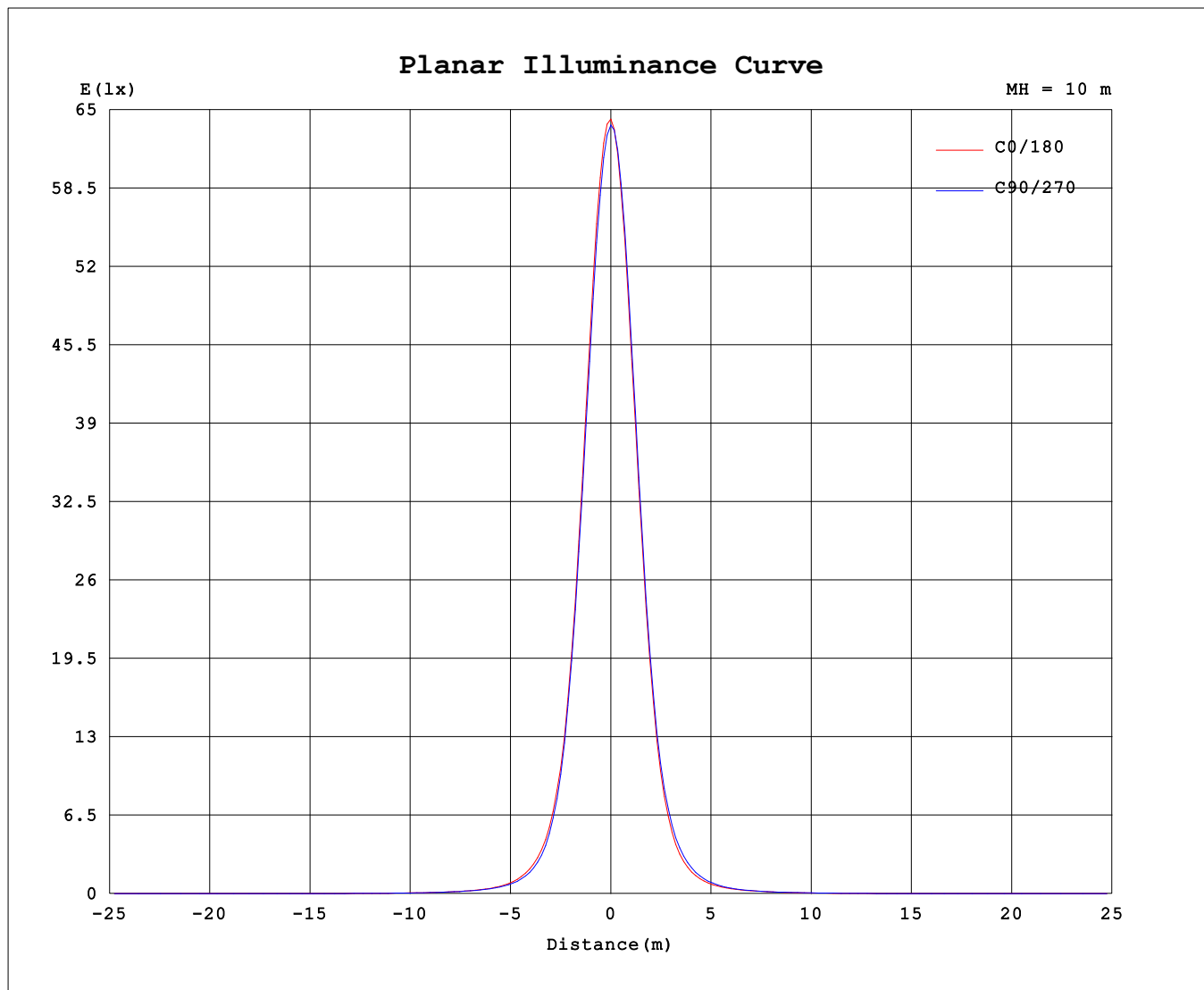
AvgL	cd/m2
L_0~180 (65) av	7418
L_0~180 (75) av	4127
L_0~180 (85) av	1893
L_90~270 (65) av	7648
L_90~270 (75) av	4361
L_90~270 (85) av	386
L_45 (65) av	7472
L_45 (75) av	4180
L_45 (85) av	239

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	6385	6385	6385	6385	6385	6385	6385	6385
3.0	5927	5879	5826	5805	5811	5865	5917	5926
6.0	4607	4546	4495	4478	4477	4551	4612	4609
9.0	3016	2973	2947	2938	2946	3008	3055	3026
12.0	1719	1691	1671	1661	1684	1728	1766	1719
15.0	952.1	900.0	876.1	855.9	889.8	956.5	968.8	949.4
18.0	518.8	491.3	465.5	438.8	472.4	510.3	541.2	511.5
21.0	303.7	284.7	265.1	243.8	267.0	293.6	318.0	296.1
24.0	185.6	174.9	162.4	149.7	162.7	178.5	194.7	180.0
27.0	119.0	113.1	106.6	99.97	106.0	114.2	124.6	115.5
30.0	80.41	76.69	74.28	70.59	73.33	77.58	83.59	78.93
33.0	56.82	55.28	53.77	51.75	53.25	55.78	58.90	56.58
36.0	42.76	42.05	40.68	39.21	40.56	42.48	44.01	42.61
39.0	33.08	32.61	31.46	30.41	31.68	33.14	34.04	33.06
42.0	25.75	25.33	24.41	23.83	24.89	25.92	26.61	25.93
45.0	20.05	19.66	18.98	18.82	19.59	20.16	20.77	20.41
48.0	15.50	15.05	14.77	14.86	15.33	15.64	16.16	15.96
51.0	11.89	11.52	11.45	11.68	11.92	12.08	12.39	12.30
54.0	8.997	8.770	8.846	9.058	9.155	9.197	9.306	9.258
57.0	6.803	6.728	6.877	7.044	7.062	7.007	6.954	6.932
60.0	5.573	5.547	5.691	5.828	5.846	5.797	5.722	5.668
63.0	4.541	4.577	4.741	4.845	4.885	4.848	4.794	4.633
66.0	3.531	3.637	3.901	3.966	3.985	3.958	3.945	3.649
69.0	2.561	2.690	3.046	3.090	3.048	3.024	3.080	2.678
72.0	1.820	1.896	2.166	2.188	2.104	2.092	2.176	1.885
75.0	1.333	1.387	1.458	1.450	1.444	1.436	1.476	1.353
78.0	0.9085	0.9644	0.9874	0.9930	1.001	0.9849	0.8854	0.8813
81.0	0.5819	0.5582	0.4790	0.5652	0.6247	0.5298	0.4162	0.4858
84.0	0.3052	0.1644	0.0488	0.1620	0.3091	0.1500	0.0409	0.1188
87.0	0.0482	0.0218	0.0451	0.0220	0.0440	0.0193	0.0396	0.0158
90.0	0.0332	0.0225	0.0428	0.0210	0.0233	0.0234	0.0290	0.0213

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