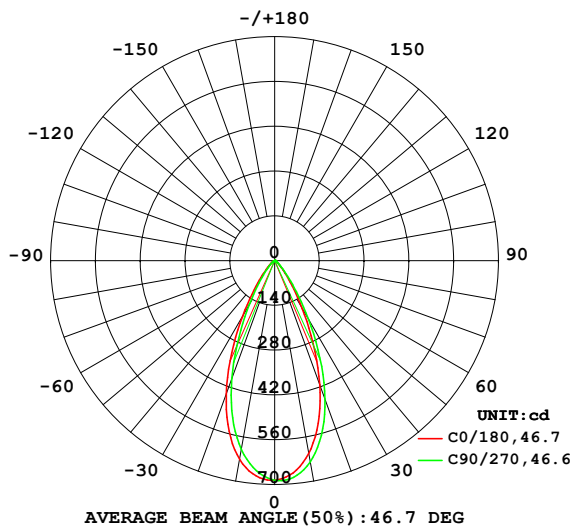


LUMINAIRE PHOTOMETRIC TEST REPORT

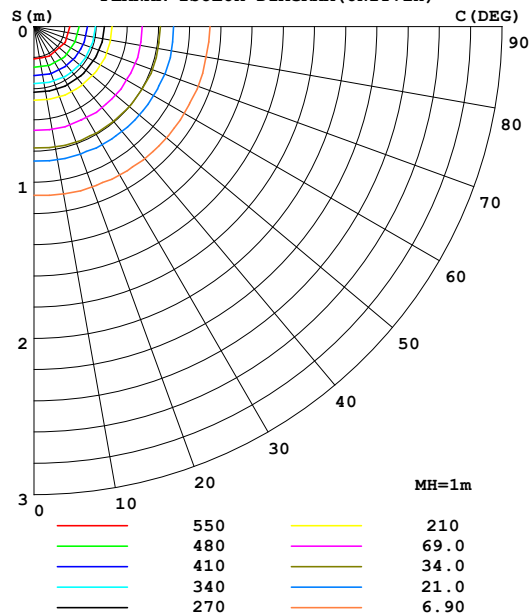
Test:U:240.3V I:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.00 lm/W
MODEL		I _{max} (cd)	688.3	S/MH(C0/180)		0.75
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)		0.70
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	455.49	η UP,DN(C0-180)		0.0,52.4
NOMINAL FLUX(lm)	455.491	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,47.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.75
TEST VOLTAGE(V)	240.23	η down(%)	100.0	CIBSE SHR MAX		0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-16

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	612.7	626.7	639.4	645.1	631.5	610.4	599.3	599.9	0- 10	62.39	62.39	13.7,13.7
20	412.3	439.5	460.3	470.2	442.9	409.4	393.1	391.9	10- 20	148.2	210.6	46.2,46.2
30	173.6	198.0	213.6	222.2	201.2	173.2	159.2	157.5	20- 30	137.2	347.8	76.4,76.4
40	50.94	58.28	63.45	67.20	61.04	50.75	45.43	45.35	30- 40	67.33	415.1	91.1,91.1
50	16.09	18.06	19.67	20.80	19.30	16.46	15.14	14.86	40- 50	24.62	439.8	96.5,96.5
60	5.945	6.713	7.393	7.530	6.989	6.231	5.803	5.680	50- 60	9.846	449.6	98.7,98.7
70	2.156	2.475	2.720	2.813	2.555	2.288	2.088	2.027	60- 70	4.084	453.7	99.6,99.6
80	0.6337	0.7433	0.8393	0.9153	0.7601	0.6653	0.6032	0.5651	70- 80	1.507	455.2	99.9,99.9
90	0.0080	0.0045	0.0116	0.0074	0.0022	0.0077	0.0087	0.0087	80- 90	0.2940	455.5	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): 430.4 lm

%lum = 94.5%

%lamp = 94.5%

Conical surface Flux(120deg): 449.61 lm

%lum = 98.7%

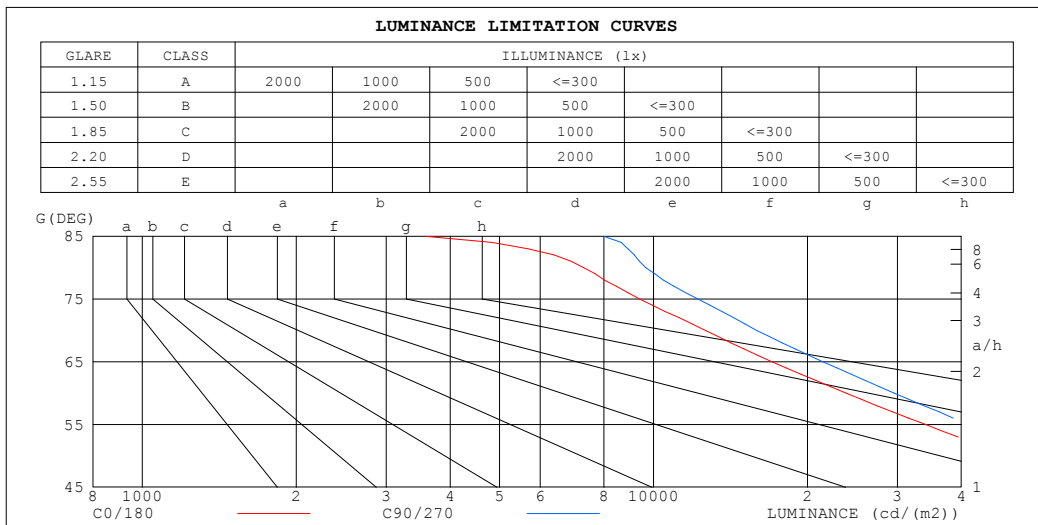
%lamp = 98.7%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	3575	7999
80	7307	9662
75	9402	12222
70	12621	15900
65	17042	21450
60	23807	29556
55	34086	41375
50	50118	61184
45	79077	96907

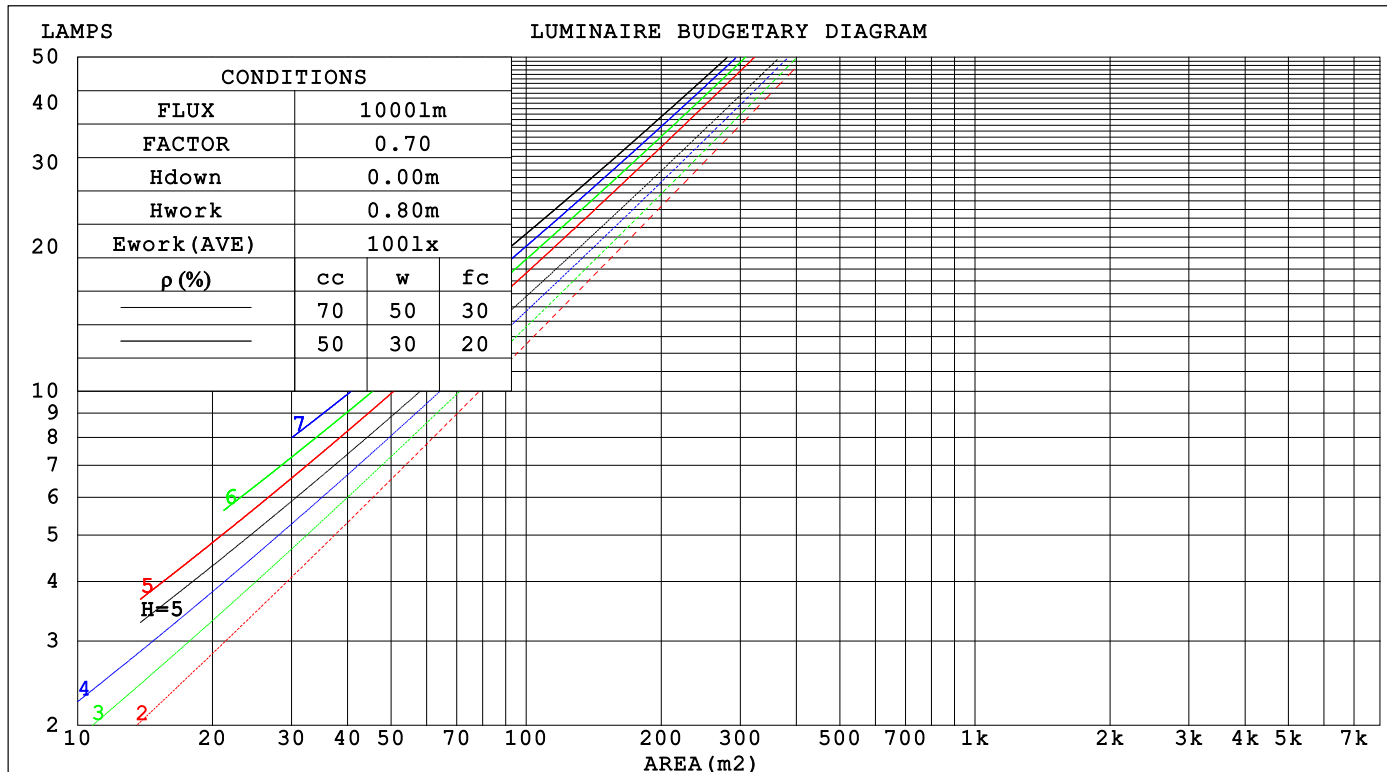
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943		
Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	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	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.03	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.85	.81	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.85	.80	.76	.84	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6.0	.81	.75	.71	.80	.74	.70	.78	.74	.70	.77	.73	.69	.76	.72	.69	.68
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8.0	.72	.66	.63	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57
10.0	.65	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.56	.62	.58	.55	.54



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz			UTHDi:0.17% ITHDi:24.68% KDisp:0.8943			Lamp Flux:455.491x1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming Lighting			SUR.: 26mm			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	.175	.100	.032	.168	.096	.031	.156	.089	.029	.144	.083	.027	.134	.077	.025		
2.0	.167	.092	.028	.161	.089	.027	.151	.084	.026	.141	.079	.025	.132	.075	.024		
3.0	.158	.084	.025	.154	.082	.025	.145	.078	.024	.136	.075	.023	.129	.071	.022		
4.0	.150	.078	.023	.146	.077	.023	.139	.073	.022	.131	.071	.021	.125	.068	.021		
5.0	.143	.073	.021	.139	.072	.021	.133	.069	.020	.126	.067	.020	.121	.064	.019		
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.122	.063	.019	.116	.061	.018		
7.0	.130	.064	.018	.127	.063	.018	.122	.062	.018	.117	.060	.017	.112	.058	.017		
8.0	.124	.061	.017	.122	.060	.017	.117	.058	.017	.113	.057	.016	.108	.056	.016		
9.0	.119	.057	.016	.117	.057	.016	.112	.056	.016	.108	.054	.016	.105	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.105	.052	.015	.101	.051	.015		

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016		
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013		
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011		
4.0	.133	.099	.073	.114	.085	.063	.078	.059	.045	.045	.035	.026	.015	.011	.009		
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007		
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006		
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005		
8.0	.104	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004		
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004		
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz UTHDi:0.17% ITHDi:24.68% KDisp:0.8943Lamp Flux:455.49lx1 lm										
NAME: MD10-06-XX-16 3000K RA90 50D						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: Norming Lighting						SUR.: 26mm		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	22.6	23.5	22.8	23.7	23.9	23.5	24.4	23.7	24.6	24.7
3H	22.6	23.4	22.8	23.6	23.8	23.4	24.3	23.7	24.5	24.7
4H	22.5	23.3	22.8	23.5	23.8	23.4	24.2	23.7	24.4	24.6
6H	22.5	23.2	22.8	23.5	23.7	23.3	24.1	23.6	24.3	24.6
8H	22.4	23.1	22.7	23.4	23.7	23.3	24.0	23.6	24.3	24.6
12H	22.4	23.1	22.7	23.3	23.6	23.3	24.0	23.6	24.2	24.5
4H 2H	22.5	23.3	22.8	23.5	23.7	23.3	24.1	23.6	24.3	24.6
3H	22.5	23.2	22.8	23.4	23.7	23.3	24.0	23.6	24.3	24.6
4H	22.5	23.1	22.8	23.4	23.7	23.3	23.9	23.7	24.2	24.5
6H	22.4	23.0	22.8	23.3	23.6	23.3	23.8	23.6	24.1	24.5
8H	22.4	22.9	22.8	23.2	23.6	23.2	23.7	23.6	24.1	24.5
12H	22.3	22.8	22.7	23.2	23.6	23.2	23.7	23.6	24.0	24.4
8H 4H	22.4	22.9	22.7	23.2	23.6	23.2	23.7	23.6	24.1	24.4
6H	22.3	22.7	22.7	23.1	23.5	23.2	23.6	23.6	24.0	24.4
8H	22.3	22.7	22.7	23.1	23.5	23.1	23.5	23.6	23.9	24.4
12H	22.2	22.6	22.7	23.0	23.5	23.1	23.4	23.6	23.9	24.3
12H 4H	22.3	22.8	22.7	23.1	23.5	23.1	23.6	23.6	24.0	24.4
6H	22.3	22.6	22.7	23.1	23.5	23.1	23.5	23.6	23.9	24.3
8H	22.2	22.6	22.7	23.0	23.5	23.1	23.4	23.6	23.9	24.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.1 / - 4.2					+ 2.6 / - 4.1				
1.5H	+ 3.5 / - 3.1					+ 4.1 / - 3.4				
2.0H	+ 3.4 / - 2.8					+ 3.9 / - 3.0				

CIE Pub.117, 455.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.7)
Area: 0.0005 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

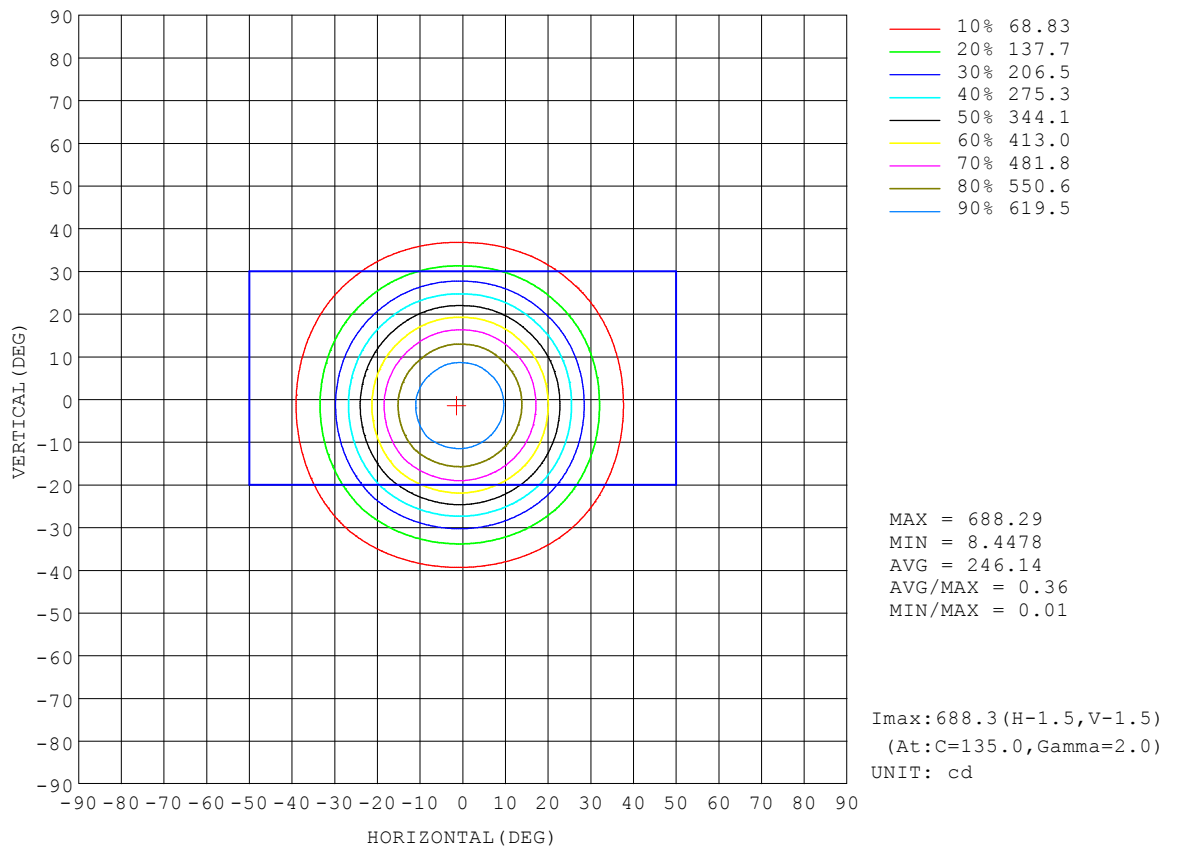
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	94	87	84	93	87	83	92	87	83	79
1.00	98	93	89	97	92	88	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	107	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
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: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

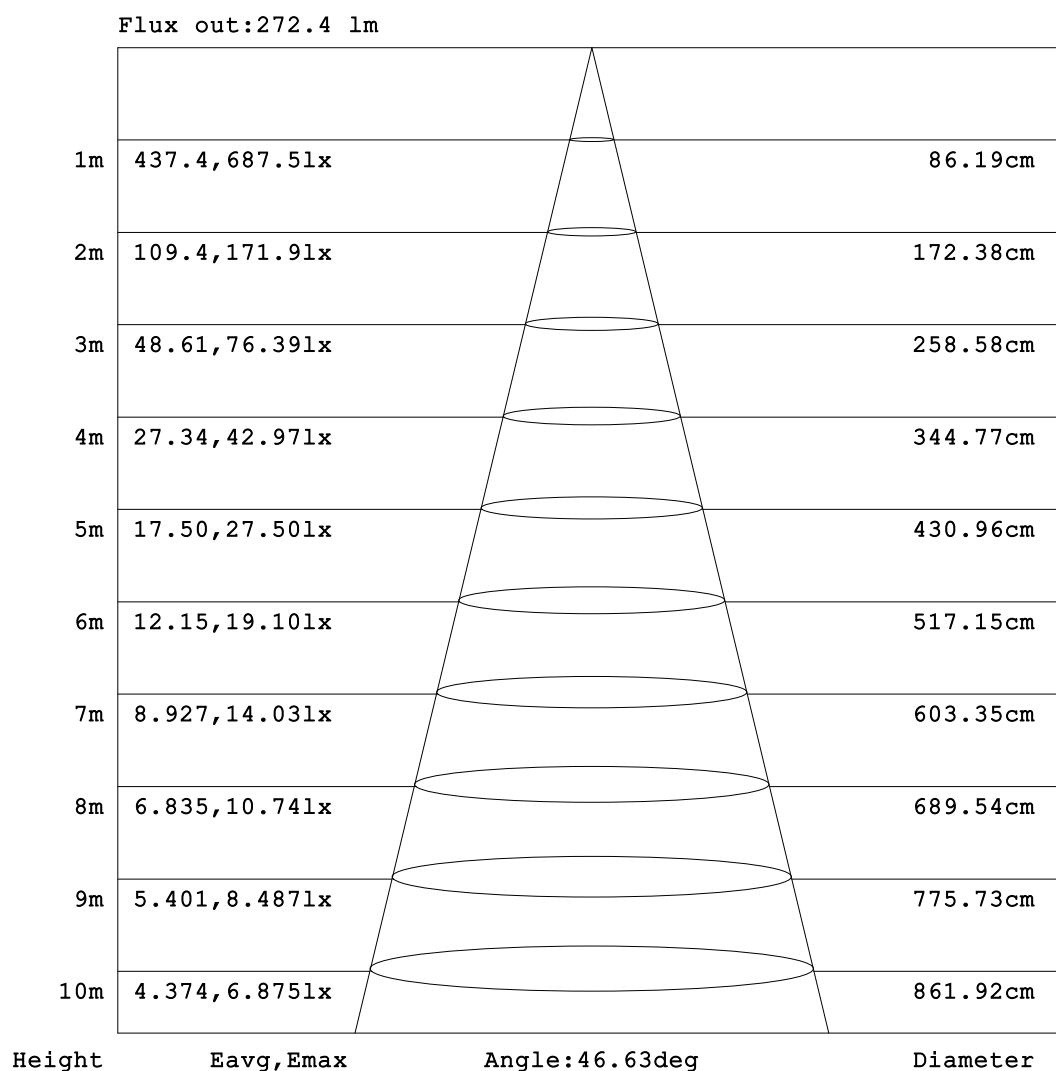


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943		Lamp Flux:455.49lx1 lm
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



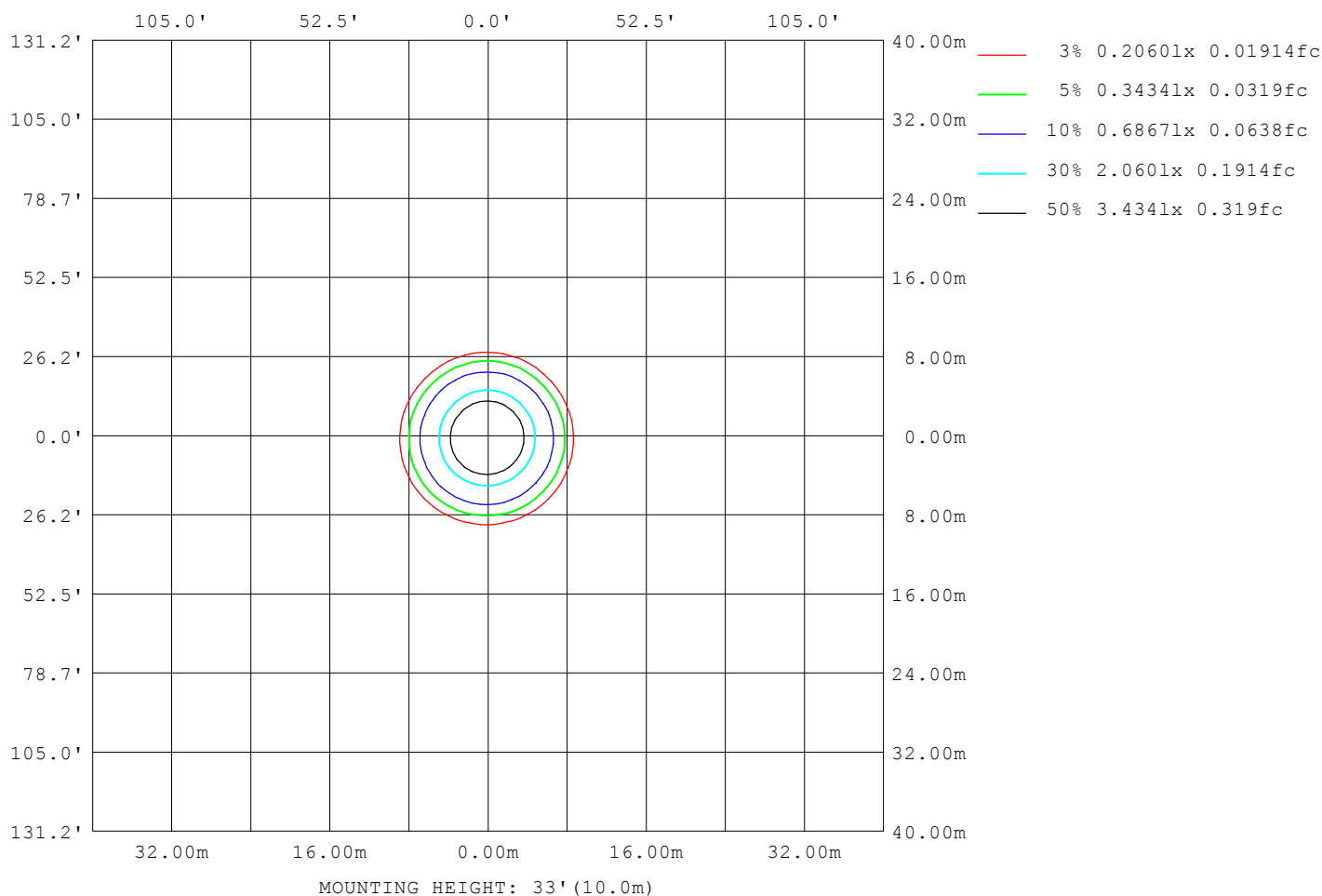
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.17% ITHDi:24.68% KDisp:0.8943 Lamp Flux:455.49lx1 lm		
NAME: MD10-06-XX-16 3000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

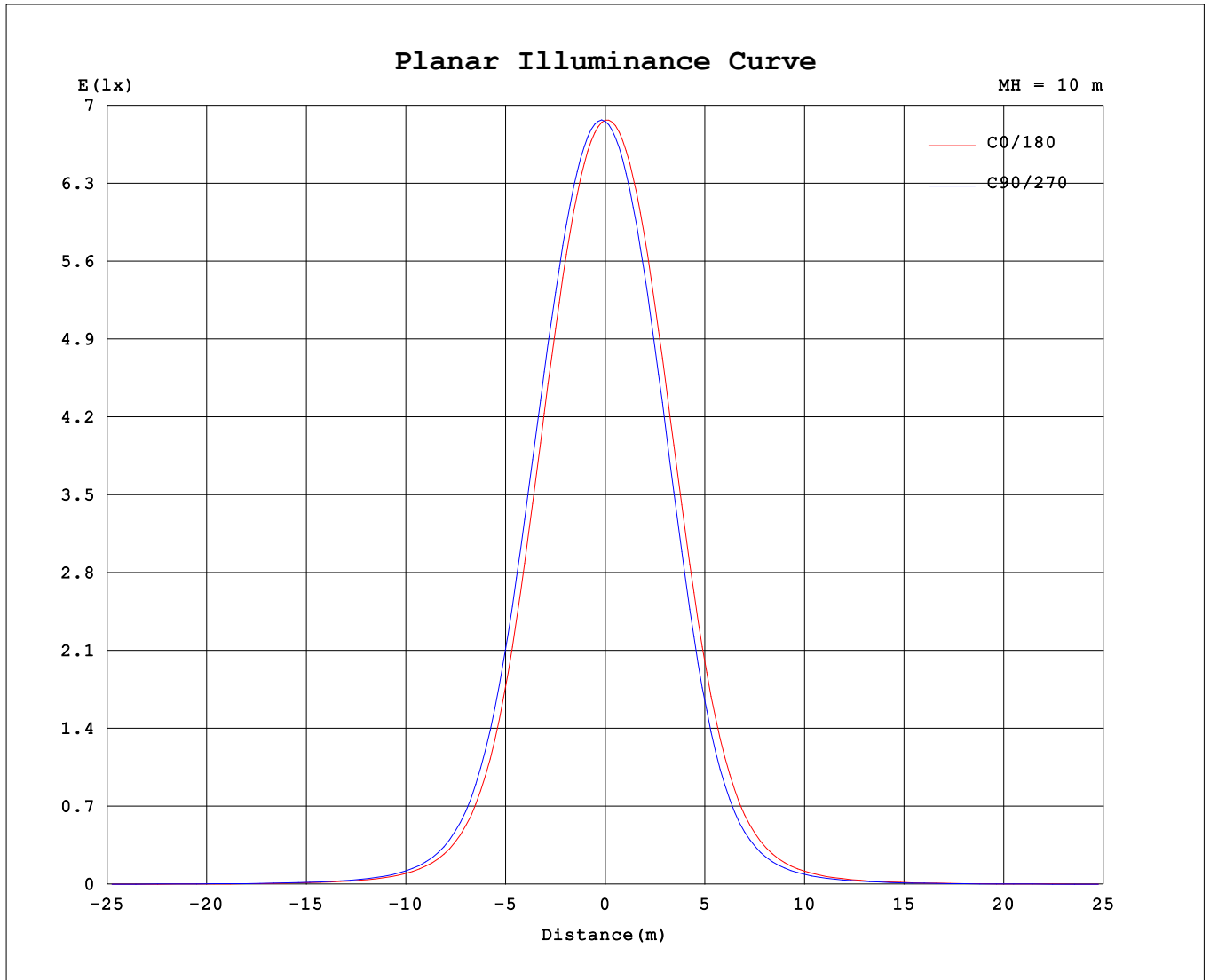
AvgL	cd/m2
L_0~180 (65) av	18532
L_0~180 (75) av	10330
L_0~180 (85) av	5028
L_90~270 (65) av	19005
L_90~270 (75) av	10631
L_90~270 (85) av	5180
L_45 (65) av	18850
L_45 (75) av	10630
L_45 (85) av	5245

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-16

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: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-03-16

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	686.0	686.0	686.0	686.0	686.0	686.0	686.0	686.0
3.0	677.7	682.8	686.4	687.6	683.7	677.4	673.8	673.7
6.0	657.9	667.0	674.5	677.1	669.5	656.6	649.7	650.2
9.0	626.2	638.9	650.4	655.1	643.1	623.6	614.0	614.3
12.0	581.9	598.5	613.7	620.7	603.6	578.3	566.6	566.9
15.0	526.6	546.7	565.4	573.3	551.8	522.3	508.9	509.0
18.0	460.7	485.1	505.8	515.0	489.4	457.1	441.9	441.1
21.0	387.5	415.5	436.5	446.5	418.6	384.6	368.0	366.7
24.0	311.1	340.5	361.5	370.9	343.4	309.3	291.7	290.4
27.0	237.8	265.9	284.8	293.7	268.8	237.2	221.2	218.7
30.0	173.6	198.0	213.6	222.2	201.2	173.2	159.2	157.5
33.0	122.0	140.8	152.7	159.9	144.1	121.8	110.4	109.5
36.0	84.31	97.15	105.3	111.4	100.4	84.20	75.29	75.28
39.0	57.73	66.21	72.17	76.32	69.15	57.51	51.46	51.37
42.0	39.82	45.26	49.30	52.18	47.74	39.80	35.78	35.61
45.0	27.93	31.55	34.28	36.16	33.42	28.11	25.46	25.22
48.0	19.94	22.41	24.37	25.54	23.77	20.25	18.66	18.23
51.0	14.51	16.27	17.71	18.71	17.25	14.88	13.71	13.46
54.0	10.72	12.02	13.10	13.54	12.68	11.08	10.30	10.14
57.0	7.978	8.960	9.864	10.08	9.405	8.321	7.745	7.595
60.0	5.945	6.713	7.393	7.530	6.989	6.231	5.803	5.680
63.0	4.406	5.023	5.533	5.625	5.186	4.635	4.296	4.202
66.0	3.249	3.726	4.098	4.176	3.828	3.432	3.168	3.071
69.0	2.394	2.744	3.019	3.108	2.834	2.539	2.320	2.256
72.0	1.733	2.007	2.217	2.297	2.068	1.842	1.666	1.622
75.0	1.215	1.419	1.582	1.658	1.458	1.292	1.169	1.133
78.0	0.8332	0.9758	1.088	1.170	0.9985	0.8778	0.8055	0.7672
81.0	0.5391	0.6464	0.7347	0.8096	0.6601	0.5580	0.5017	0.4644
84.0	0.2522	0.3565	0.4521	0.5070	0.3721	0.2585	0.1879	0.1514
87.0	0.0123	0.0894	0.1678	0.1862	0.1085	0.0097	0.0116	0.0077
90.0	0.0080	0.0045	0.0116	0.0074	0.0022	0.0077	0.0087	0.0087

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