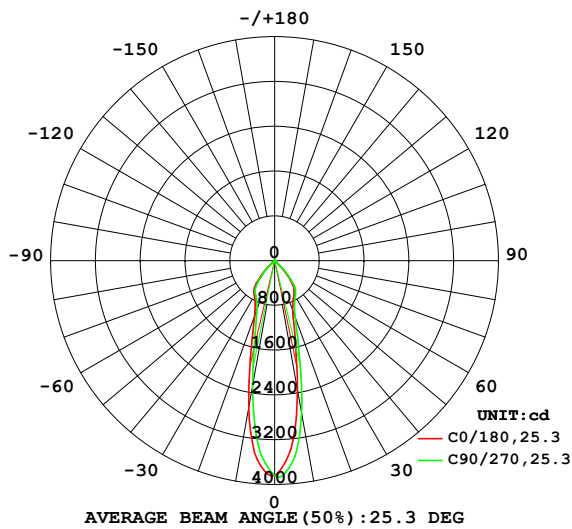


LUMINAIRE PHOTOMETRIC TEST REPORT

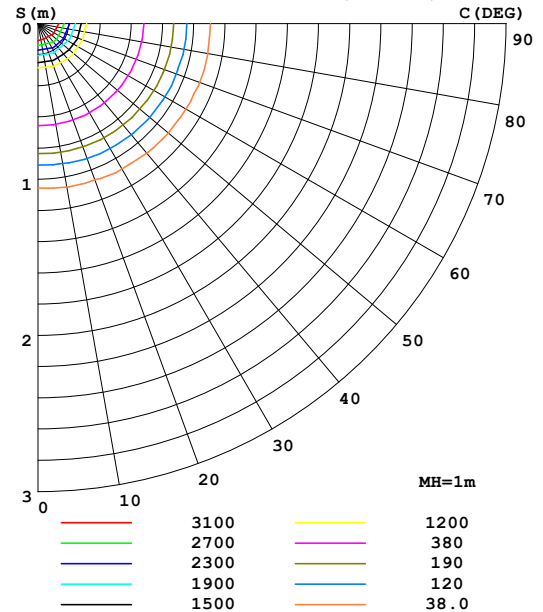
Test:U:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.36 lm/W			
MODEL		I _{max} (cd)	3871	S/MH(C0/180)	0.45
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1686.4	η UP,DN(C0-180)	0.0,51.8
NOMINAL FLUX(lm)	1686.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.37	η down (%)	100.0	CIBSE SHR MAX	0.50

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:2024-09-06

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	2353	2577	2776	2819	2669	2443	2273	2229	0- 10	300.6	300.6	17.8,17.8
20	958.5	1023	1077	1095	1051	980.7	932.9	919.6	10- 20	432.9	733.6	43.5,43.5
30	699.7	719.2	737.4	739.4	727.1	709.2	692.3	685.9	20- 30	377.6	1111	65.9,65.9
40	401.4	451.8	487.1	504.1	474.4	428.4	388.6	379.0	30- 40	379.7	1491	88.4,88.4
50	32.38	46.23	60.51	60.66	47.94	35.74	30.32	30.75	40- 50	160.7	1652	97.9,97.9
60	9.111	9.791	10.60	10.76	10.39	9.391	8.928	8.874	50- 60	17.63	1669	99,99
70	6.041	6.139	6.409	6.405	6.507	6.304	6.231	5.984	60- 70	7.378	1677	99.4,99.4
80	6.263	6.619	6.397	6.055	6.081	6.396	6.630	6.307	70- 80	6.382	1683	99.8,99.8
90	0.0613	0.0492	0.0687	0.0504	0.0504	0.0514	0.0637	0.0511	80- 90	3.370	1686	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): 1607.7 lm

%lum = 95.3%

%lamp = 95.3%

Conical surface Flux(120deg): 1669.2 lm

%lum = 99.0%

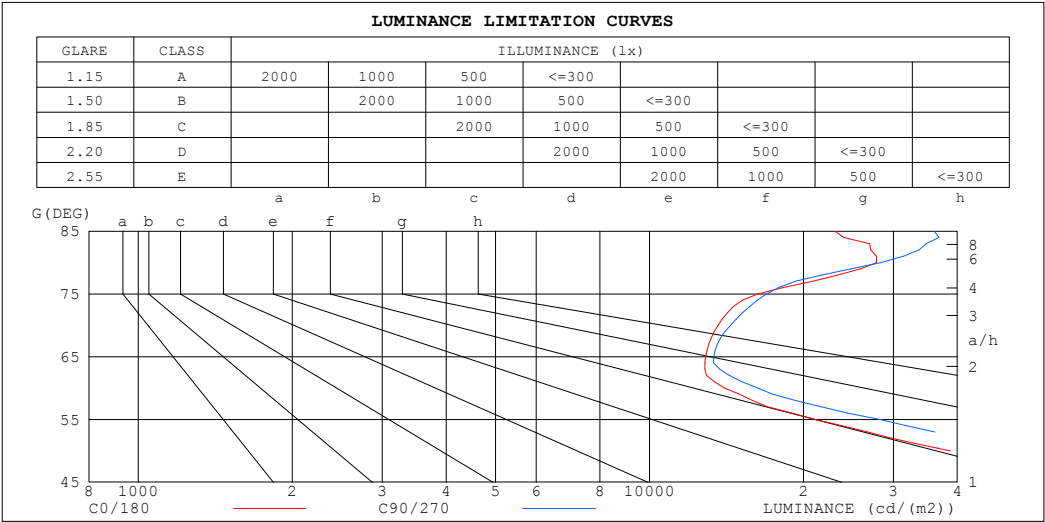
%lamp = 99.0%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	23082	36079
80	27779	28315
75	16285	16924
70	13605	14401
65	12859	13355
60	14035	16300
55	21114	28266
50	38796	72357
45	177978	267373

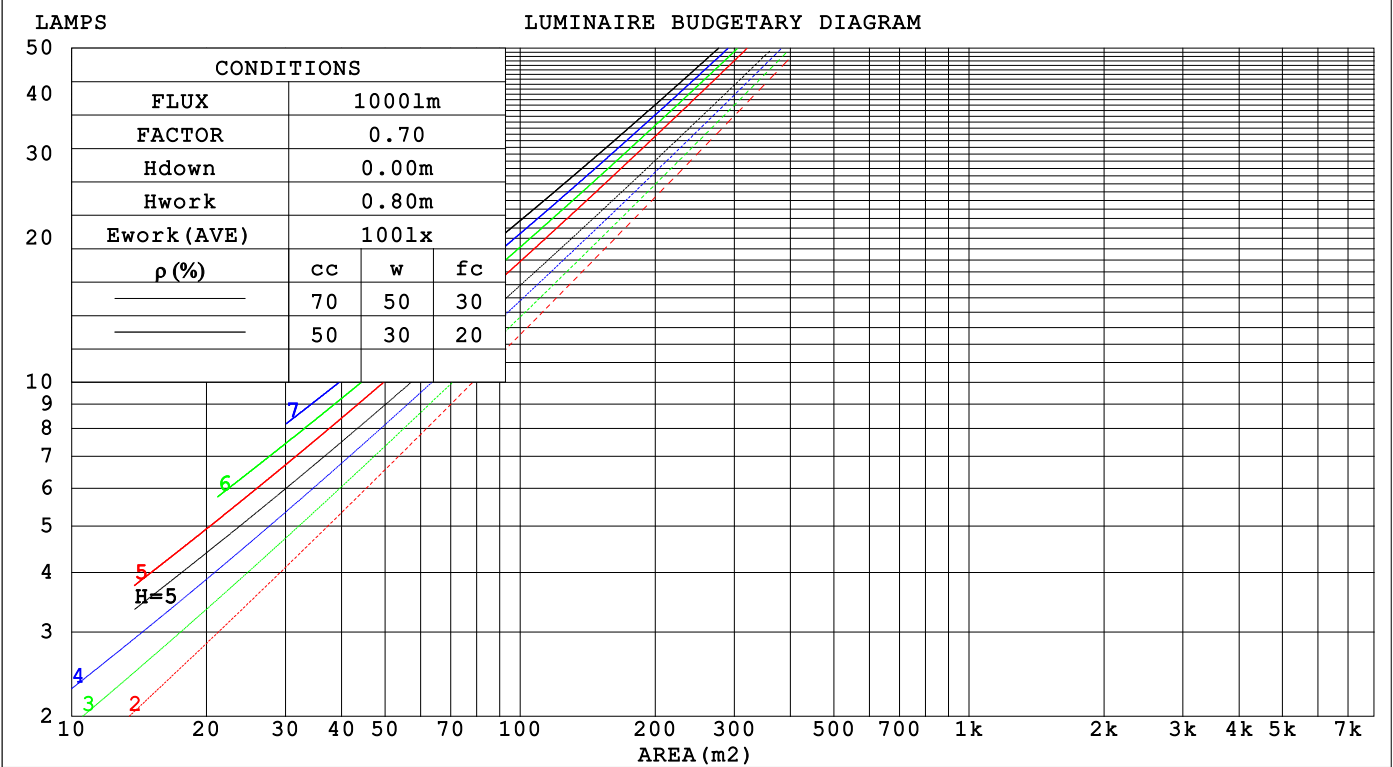
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832		
Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

pcc	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	1.02	1.02	1.02	1.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.93	.91	.92	.90	.89	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.84	.79	.74	.84	.78	.74	.82	.77	.73	.80	.76	.73	.79	.75	.72	.71
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.59
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.56
10.0	.64	.58	.55	.64	.58	.55	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.52% KDisp:0.9832			Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D			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	.179	.102	.032	.172	.098	.031	.160	.092	.029	.148	.085	.027	.137	.080	.026															
2.0	.171	.094	.029	.165	.091	.028	.154	.086	.027	.145	.081	.025	.136	.077	.024															
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.140	.077	.024	.132	.073	.023															
4.0	.154	.080	.024	.150	.078	.023	.142	.075	.023	.135	.072	.022	.128	.070	.021															
5.0	.147	.075	.022	.143	.073	.021	.136	.071	.021	.130	.068	.020	.124	.066	.020															
6.0	.140	.070	.020	.136	.069	.020	.130	.067	.019	.125	.065	.019	.120	.063	.019															
7.0	.133	.066	.019	.130	.065	.018	.125	.063	.018	.120	.062	.018	.115	.060	.018															
8.0	.127	.062	.017	.124	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017															
9.0	.121	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.016															
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.107	.053	.015	.103	.052	.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	.147	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.072	.114	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.068	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.059	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.095	.054	.028	.082	.047	.024	.057	.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:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz										
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm										
NAME: MD18-18-XX-02 3000K RA90 25D					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	26.6	27.6	26.9	27.8	27.9	27.3	28.3	27.5	28.4	28.6
3H	26.5	27.4	26.8	27.6	27.8	27.2	28.0	27.4	28.2	28.4
4H	26.4	27.3	26.7	27.5	27.7	27.1	27.9	27.4	28.1	28.3
6H	26.4	27.2	26.7	27.4	27.7	27.0	27.8	27.3	28.1	28.3
8H	26.4	27.1	26.7	27.4	27.6	27.0	27.8	27.3	28.0	28.3
12H	26.4	27.1	26.7	27.3	27.6	27.0	27.7	27.3	28.0	28.3
4H 2H	26.4	27.2	26.7	27.4	27.7	27.1	27.9	27.3	28.1	28.3
3H	26.3	27.0	26.6	27.2	27.5	26.9	27.6	27.2	27.9	28.2
4H	26.2	26.8	26.5	27.1	27.5	26.8	27.5	27.2	27.8	28.1
6H	26.2	26.8	26.6	27.1	27.5	26.8	27.4	27.2	27.7	28.1
8H	26.2	26.7	26.6	27.1	27.5	26.9	27.4	27.2	27.7	28.1
12H	26.2	26.7	26.6	27.1	27.5	26.9	27.4	27.3	27.7	28.1
8H 4H	26.1	26.6	26.5	27.0	27.3	26.7	27.2	27.1	27.6	28.0
6H	26.1	26.6	26.6	27.0	27.4	26.8	27.2	27.2	27.6	28.0
8H	26.2	26.6	26.6	27.0	27.4	26.8	27.2	27.3	27.6	28.0
12H	26.2	26.5	26.7	27.0	27.4	26.9	27.2	27.3	27.6	28.1
12H 4H	26.0	26.5	26.5	26.9	27.3	26.7	27.2	27.1	27.5	27.9
6H	26.1	26.5	26.6	26.9	27.4	26.7	27.1	27.2	27.5	28.0
8H	26.2	26.5	26.7	26.9	27.4	26.8	27.1	27.3	27.6	28.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.4 / - 7.9					+ 2.4 / - 8.1				
1.5H	+ 4.5 / - 7.8					+ 4.4 / - 8.3				
2.0H	+ 6.0 / - 3.1					+ 7.1 / - 4.2				

CIE Pub.117, 1686 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.8$)
Area: 0.0013 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

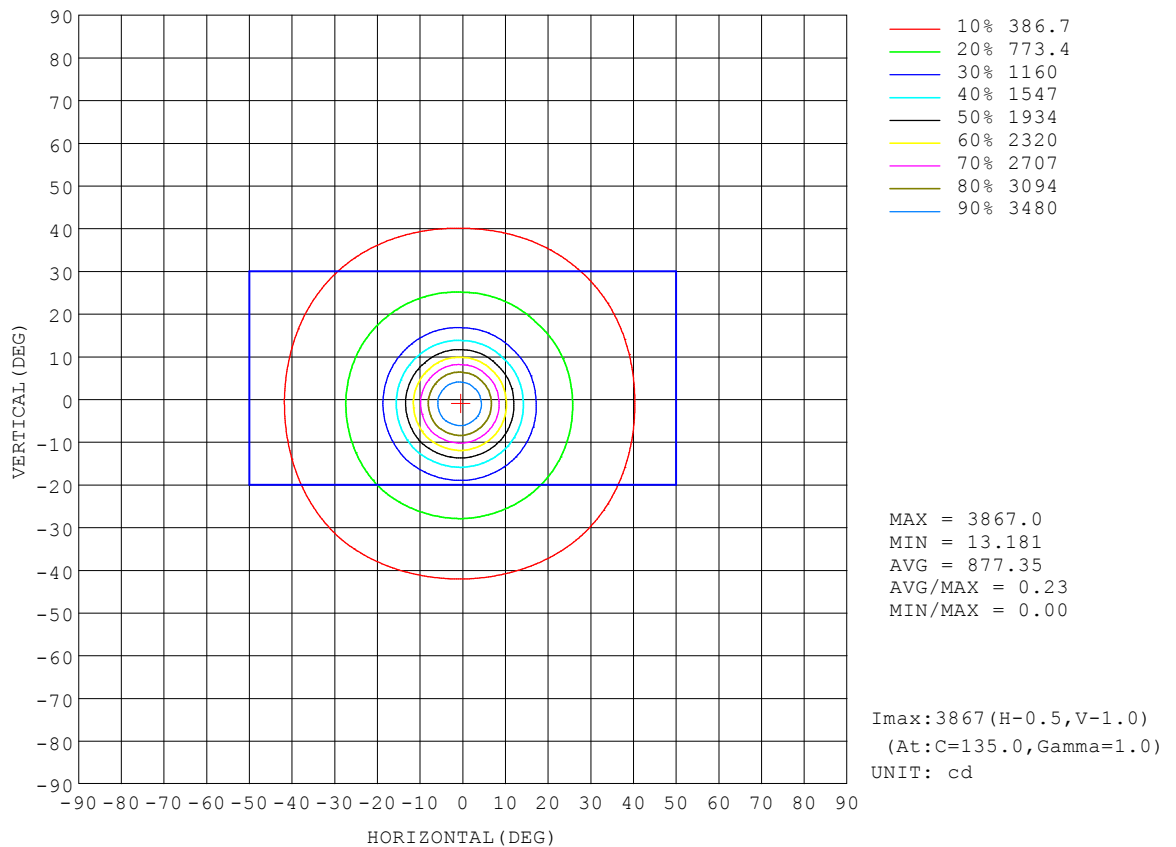
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	92	86	82	90	85	81	77
1.00	97	91	87	96	91	87	95	91	87	82
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	106	108	105	104	97
5.00	115	112	110	112	110	108	108	107	105	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: 2024-09-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 γ 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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

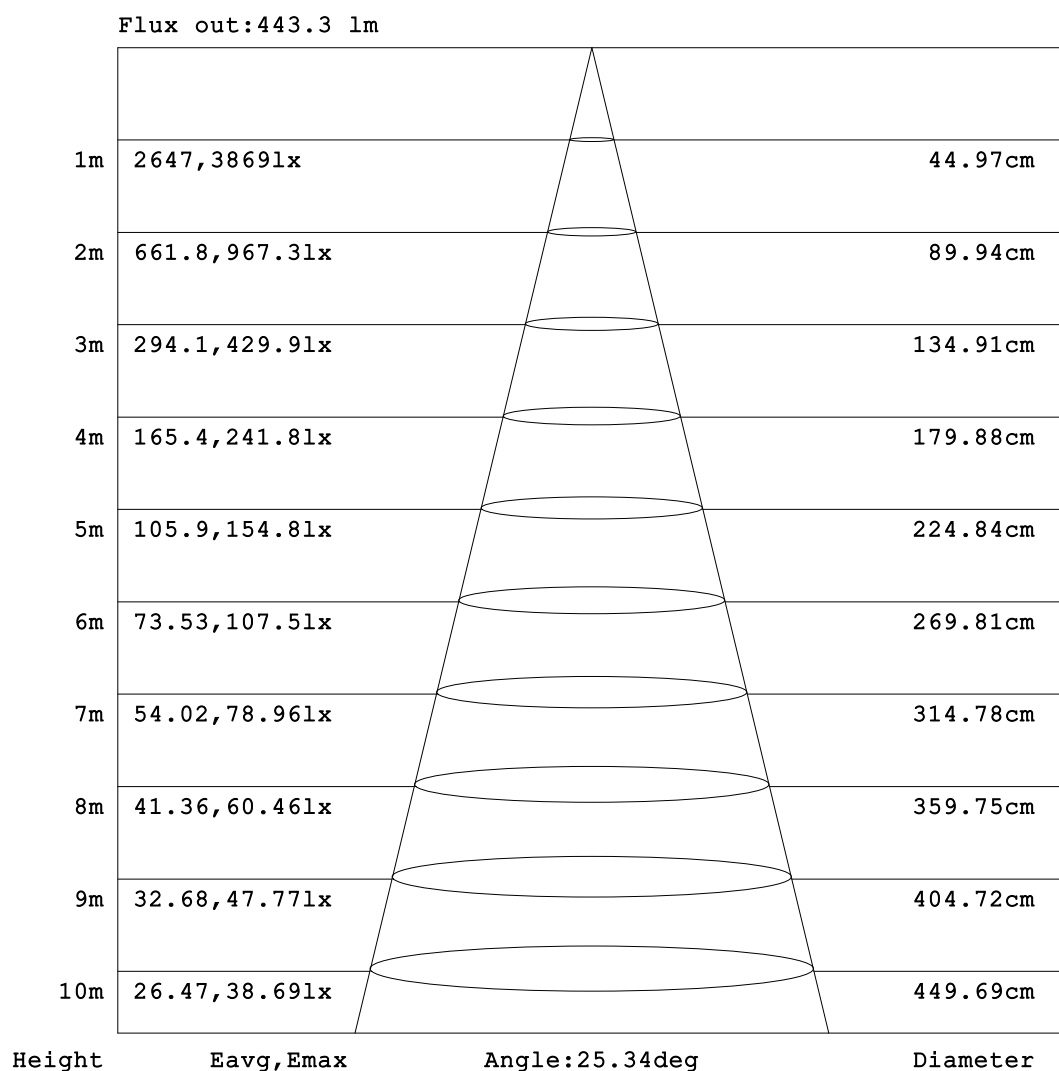


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



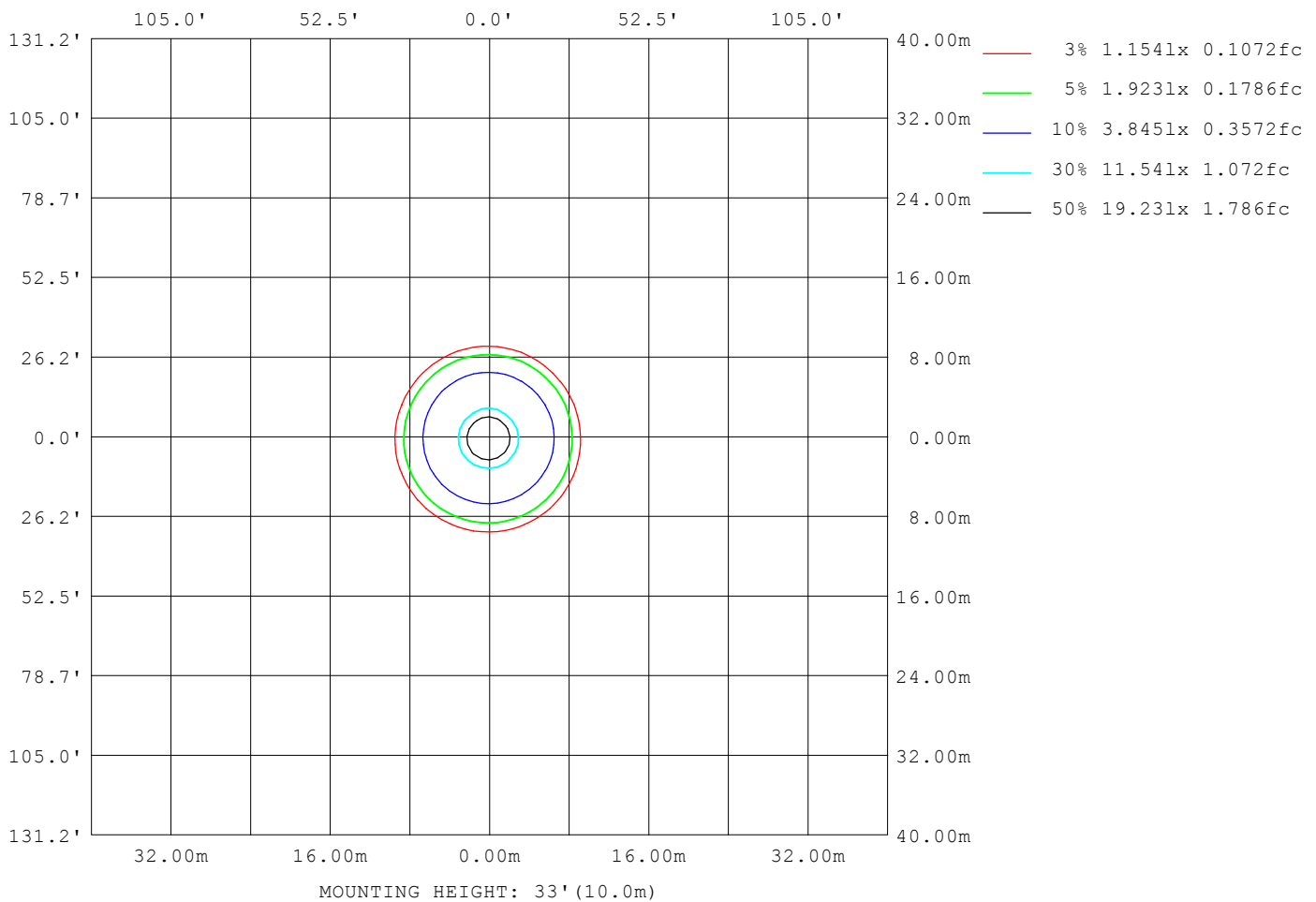
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:240.4V I:0.0723A P:16.8W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.52% KDisp:0.9832 Lamp Flux:1686.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 25D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

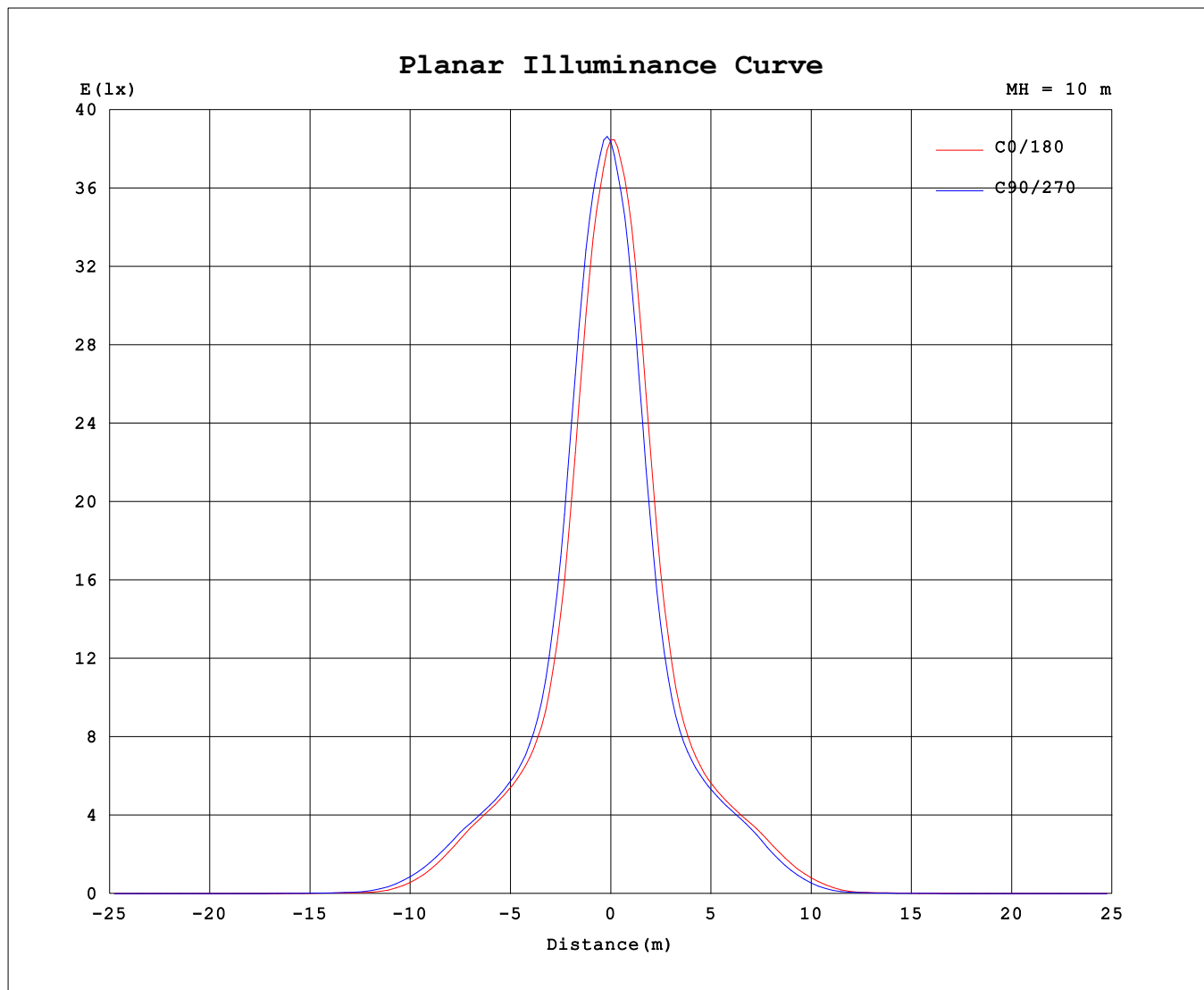
AvgL	cd/m2
L_0~180 (65) av	13227
L_0~180 (75) av	16682
L_0~180 (85) av	28087
L_90~270 (65) av	13210
L_90~270 (75) av	17505
L_90~270 (85) av	28776
L_45 (65) av	13084
L_45 (75) av	17030
L_45 (85) av	27947

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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: 2024-09-06

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	3840	3840	3840	3840	3840	3840	3840	3840
3.0	3609	3702	3789	3813	3744	3663	3593	3565
6.0	3211	3374	3506	3542	3452	3293	3156	3118
9.0	2580	2796	2990	3036	2890	2670	2503	2464
12.0	1913	2132	2319	2364	2211	1994	1851	1796
15.0	1415	1572	1699	1736	1629	1474	1365	1324
18.0	1083	1185	1268	1293	1223	1123	1055	1026
21.0	906.9	963.8	1011	1023	988.8	933.7	889.6	875.0
24.0	810.1	843.6	872.3	878.9	859.1	820.7	798.4	787.6
27.0	748.8	770.9	793.2	796.4	779.6	756.2	738.3	731.3
30.0	699.7	719.2	737.4	739.4	727.1	709.2	692.3	685.9
33.0	650.0	669.0	688.8	694.3	680.3	667.7	648.1	639.3
36.0	577.8	610.8	635.8	644.1	628.8	604.2	571.6	561.1
39.0	450.8	498.0	531.8	547.7	519.9	477.6	438.1	428.7
42.0	301.8	355.6	391.4	404.7	374.9	328.3	291.0	279.1
45.0	163.4	215.8	246.0	252.2	229.8	188.2	156.7	145.0
48.0	62.41	99.15	120.6	122.8	104.8	79.32	56.18	54.09
51.0	27.63	33.17	41.82	41.64	35.07	29.61	25.70	26.41
54.0	18.12	20.71	24.28	24.22	22.47	19.45	16.75	17.29
57.0	12.01	13.71	15.35	15.49	14.93	12.76	11.52	11.65
60.0	9.111	9.791	10.60	10.76	10.39	9.391	8.928	8.874
63.0	7.562	7.788	8.108	8.145	8.123	7.730	7.665	7.484
66.0	6.840	6.929	7.107	7.122	7.243	7.014	6.946	6.761
69.0	6.227	6.314	6.555	6.559	6.665	6.473	6.397	6.169
72.0	5.701	5.819	6.117	6.107	6.203	6.040	5.951	5.645
75.0	5.472	5.610	5.699	5.708	5.754	5.817	6.080	5.785
78.0	6.295	6.532	5.856	5.744	5.702	6.573	7.006	6.749
81.0	5.643	6.276	6.385	6.198	5.818	6.184	5.970	5.681
84.0	3.249	4.265	5.009	4.882	4.609	4.002	3.451	3.153
87.0	0.6673	1.357	2.226	2.434	1.749	0.9688	0.3047	0.1045
90.0	0.0613	0.0492	0.0687	0.0504	0.0504	0.0514	0.0637	0.0511

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Remarks: