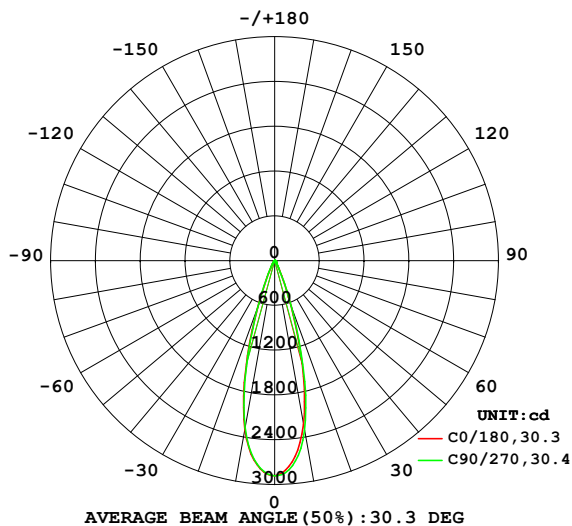


## LUMINAIRE PHOTOMETRIC TEST REPORT

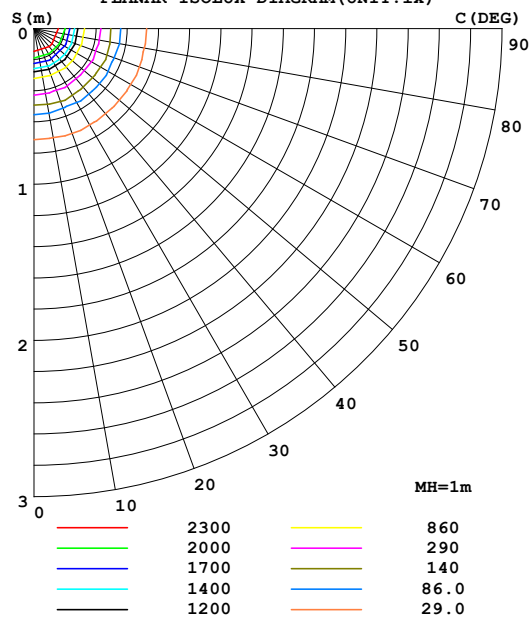
Test:U:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.78 lm/W
MODEL		I <sub>max</sub> (cd)	2881	S/MH(C0/180)	0.48	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.48	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	829.00	η UP,DN(C0-180)	0.0,50.1	
NOMINAL FLUX(lm)	829.003	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	240.23	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: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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	2225	2252	2314	2333	2303	2265	2278	2232	0- 10	246.7	246.7	29.8,29.8
20	639.2	666.3	656.5	680.7	672.8	661.4	668.8	639.0	10- 20	391.4	638.0	77,77
30	97.28	103.2	102.6	101.6	98.88	102.6	103.5	96.66	20- 30	124.0	762.0	91.9,91.9
40	32.82	33.83	34.31	33.94	33.04	33.50	34.05	32.76	30- 40	36.94	799.0	96.4,96.4
50	13.31	13.60	13.90	13.98	13.34	13.51	13.70	13.64	40- 50	16.65	815.6	98.4,98.4
60	5.305	5.403	5.463	5.380	5.266	5.432	5.431	5.243	50- 60	7.933	823.5	99.3,99.3
70	2.292	2.392	2.538	2.466	2.466	2.527	2.525	2.250	60- 70	3.741	827.3	99.8,99.8
80	0.6580	0.6607	0.5975	0.6417	0.6965	0.6563	0.5520	0.5611	70- 80	1.534	828.8	100,100
90	0.0372	0.0234	0.0363	0.0257	0.0247	0.0212	0.0270	0.0225	80- 90	0.1839	829.0	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): 808.77 lm

%lum = 97.6%

%lamp = 97.6%

Conical surface Flux(120deg): 823.54 lm

%lum = 99.3%

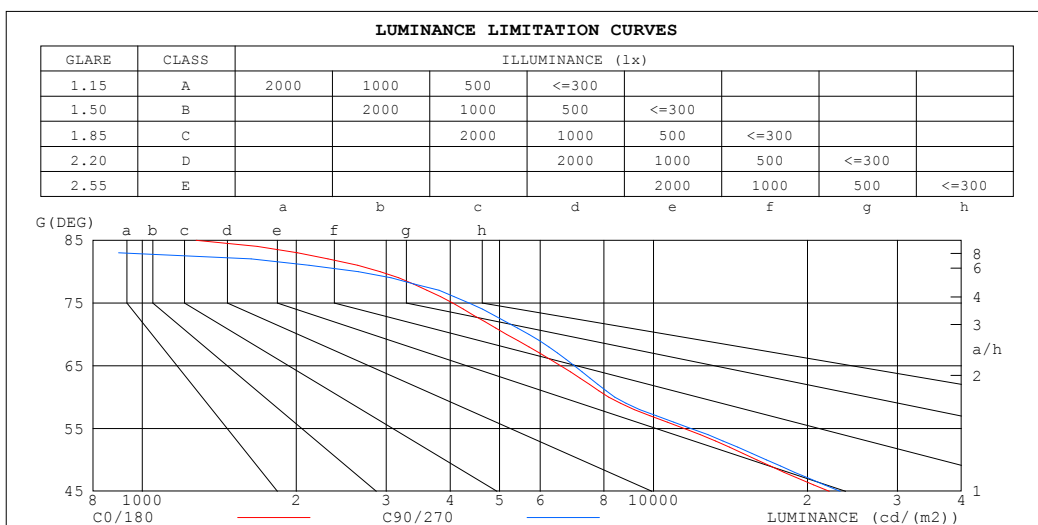
%lamp = 99.3%

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



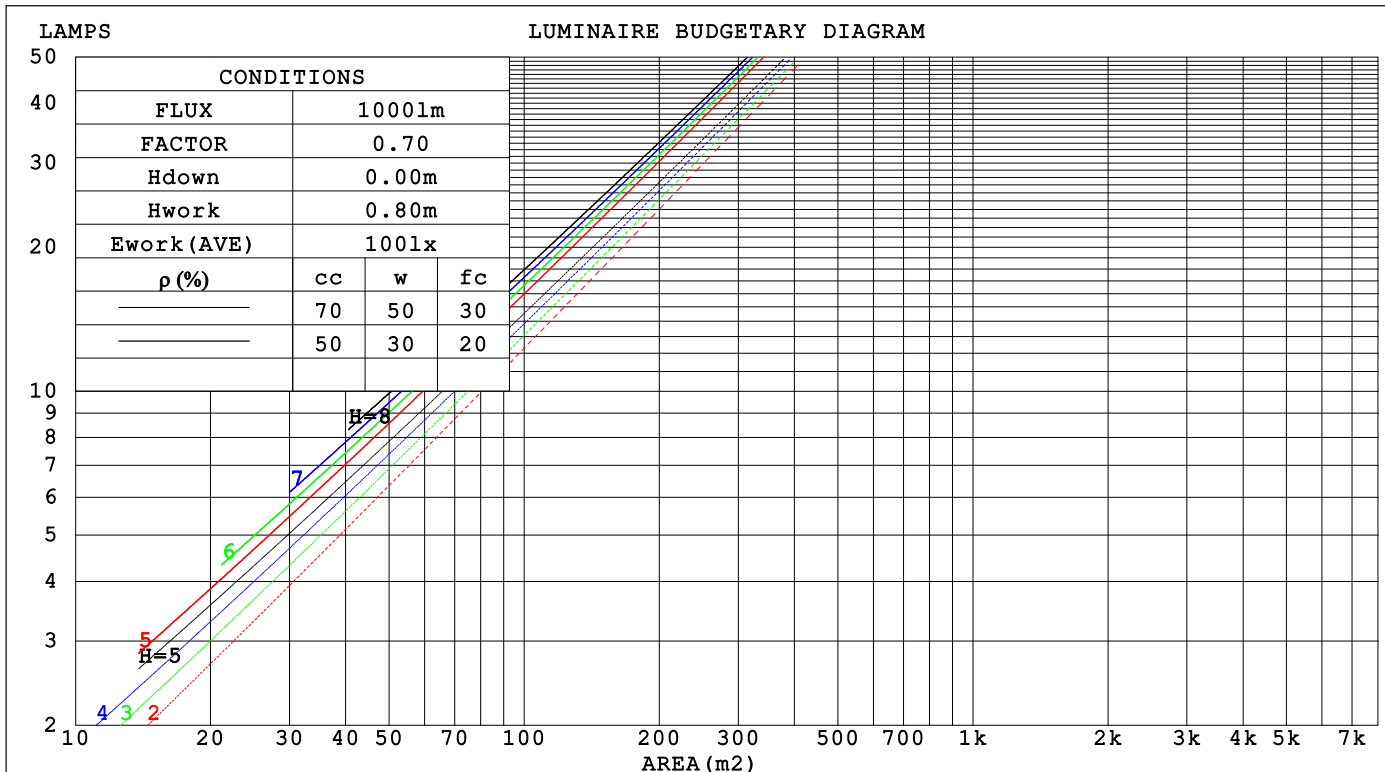
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-21

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492		
Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	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	1.12	1.10	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.93	.90	.87	.91	.88	.87	.85
5.0	.94	.89	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.86	.82	.89	.85	.82	.88	.84	.82	.87	.83	.81	.85	.83	.81	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.74	.72	.78	.74	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.66% KDisp:0.9492			Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D			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	.145	.082	.026	.138	.079	.025	.126	.072	.023	.114	.066	.021	.104	.060	.019		
2.0	.135	.074	.023	.129	.071	.022	.119	.066	.021	.110	.062	.019	.101	.057	.018		
3.0	.126	.067	.020	.122	.065	.020	.113	.061	.019	.105	.058	.018	.098	.054	.017		
4.0	.118	.062	.018	.115	.060	.018	.107	.057	.017	.100	.054	.016	.094	.051	.016		
5.0	.112	.057	.016	.108	.056	.016	.102	.053	.016	.096	.051	.015	.091	.049	.015		
6.0	.106	.053	.015	.103	.052	.015	.097	.050	.015	.092	.048	.014	.088	.046	.014		
7.0	.100	.050	.014	.098	.049	.014	.093	.047	.014	.089	.046	.013	.085	.044	.013		
8.0	.096	.047	.013	.094	.046	.013	.089	.045	.013	.086	.043	.012	.082	.042	.012		
9.0	.091	.044	.012	.090	.044	.012	.086	.042	.012	.082	.041	.012	.079	.040	.012		
10.0	.088	.042	.012	.086	.042	.012	.083	.041	.011	.080	.040	.011	.077	.039	.011		

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013		
3.0	.137	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011		
4.0	.125	.098	.078	.107	.085	.068	.074	.059	.048	.043	.035	.028	.014	.011	.009		
5.0	.114	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008		
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007		
7.0	.098	.068	.047	.085	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006		
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005		
9.0	.086	.056	.035	.074	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004		
10.0	.081	.051	.031	.070	.044	.027	.049	.031	.019	.028	.018	.011	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz UTHDi:0.17% ITHDi:18.66% KDisp:0.9492Lamp Flux:829.003x1 lm										
NAME: MD10-10-XX-04 2700K RA90 36D						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	14.2	14.9	14.4	15.0	15.2	14.4	15.1	14.6	15.2	15.4
3H	14.3	15.0	14.6	15.2	15.4	14.5	15.2	14.8	15.4	15.6
4H	14.4	15.0	14.6	15.2	15.4	14.6	15.2	14.8	15.4	15.6
6H	14.4	14.9	14.6	15.2	15.4	14.6	15.2	14.8	15.4	15.6
8H	14.3	14.9	14.6	15.1	15.4	14.5	15.1	14.8	15.3	15.6
12H	14.3	14.8	14.6	15.1	15.4	14.5	15.0	14.8	15.3	15.6
4H 2H	14.2	14.8	14.5	15.0	15.2	14.4	15.0	14.6	15.2	15.4
3H	14.4	15.0	14.7	15.2	15.5	14.6	15.2	14.9	15.4	15.7
4H	14.5	15.0	14.8	15.3	15.6	14.7	15.2	15.0	15.5	15.8
6H	14.5	14.9	14.9	15.3	15.6	14.7	15.1	15.1	15.5	15.8
8H	14.5	14.9	14.9	15.2	15.6	14.6	15.1	15.0	15.4	15.8
12H	14.4	14.8	14.8	15.2	15.6	14.6	15.0	15.0	15.3	15.7
8H 4H	14.4	14.8	14.8	15.2	15.5	14.6	15.0	15.0	15.4	15.7
6H	14.5	14.8	14.9	15.2	15.6	14.6	15.0	15.1	15.4	15.8
8H	14.4	14.7	14.9	15.1	15.6	14.6	14.9	15.0	15.3	15.7
12H	14.4	14.6	14.8	15.1	15.5	14.5	14.8	15.0	15.2	15.7
12H 4H	14.4	14.8	14.8	15.1	15.5	14.6	14.9	15.0	15.3	15.7
6H	14.4	14.7	14.8	15.1	15.6	14.6	14.9	15.0	15.3	15.7
8H	14.4	14.6	14.8	15.1	15.5	14.5	14.8	15.0	15.2	15.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.6 / - 2.4					+ 1.7 / - 2.4				
1.5H	+ 2.5 / - 1.8					+ 2.6 / - 1.9				
2.0H	+ 2.6 / - 2.0					+ 2.8 / - 2.1				

CIE Pub.117, 829.0 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: HIGH  
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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

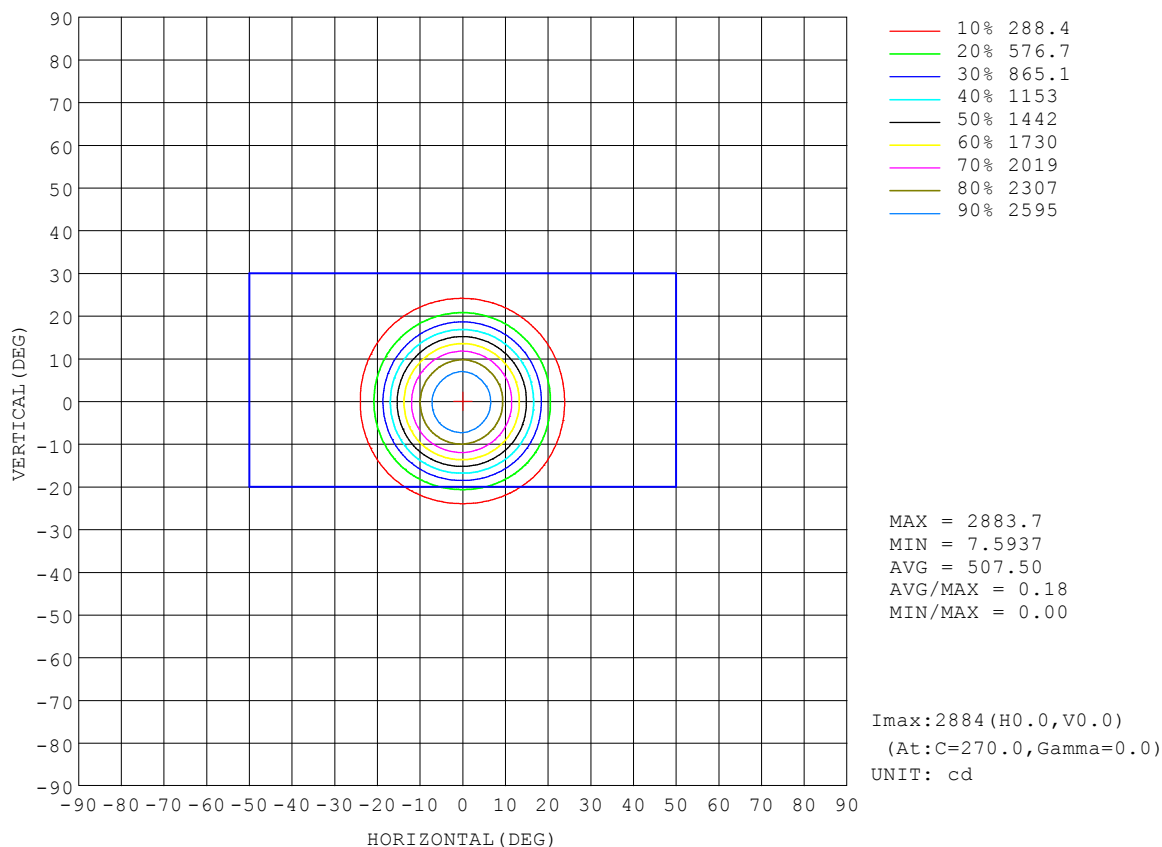
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	91	87	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	110	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: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-21

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



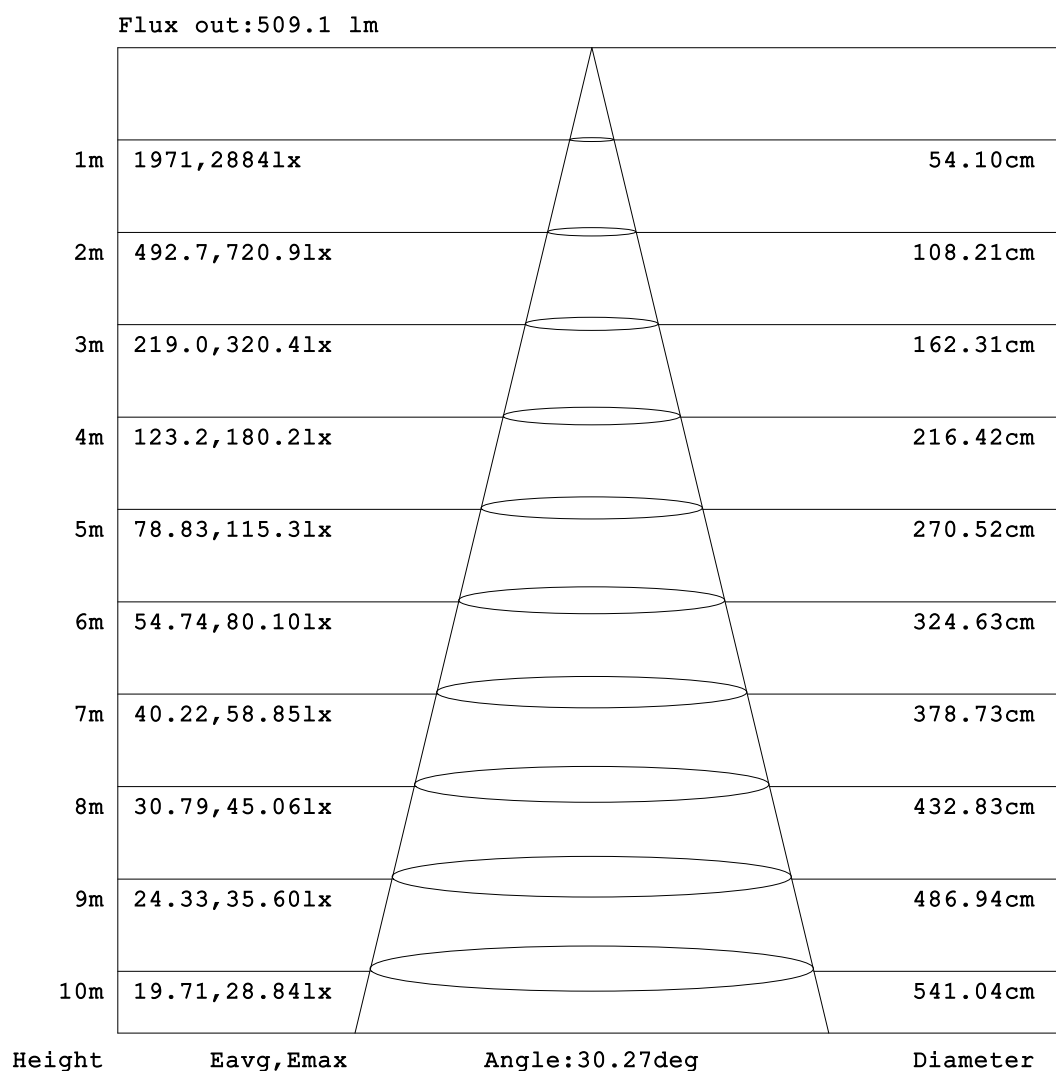
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-21

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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



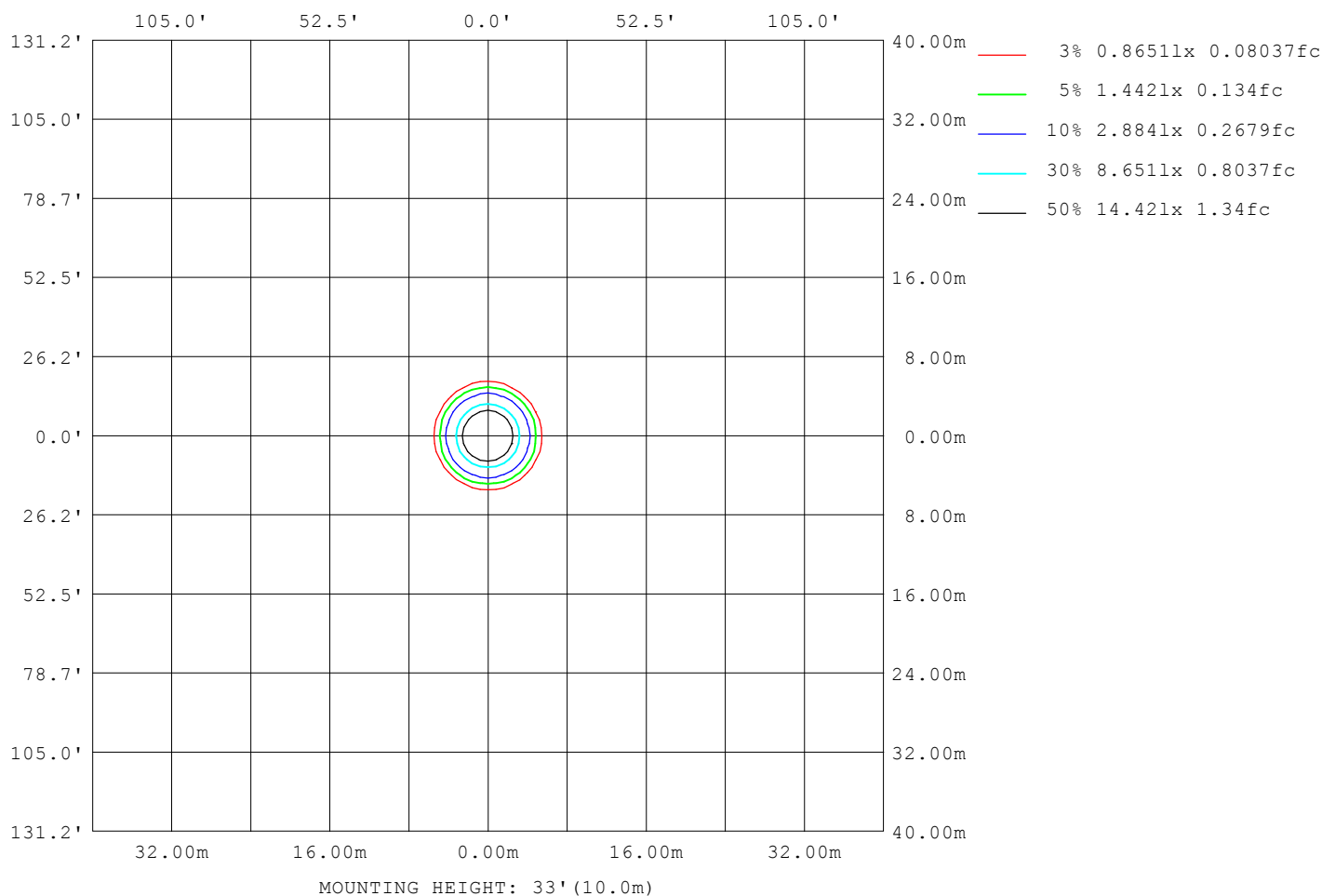
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date: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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	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: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:240.3V I:0.0441A P:9.9W PF:0.9329 Freq:49.99Hz UTHDi:0.17% ITHDi:18.66% KDisp:0.9492 Lamp Flux:829.003x1 lm		
NAME: MD10-10-XX-04 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

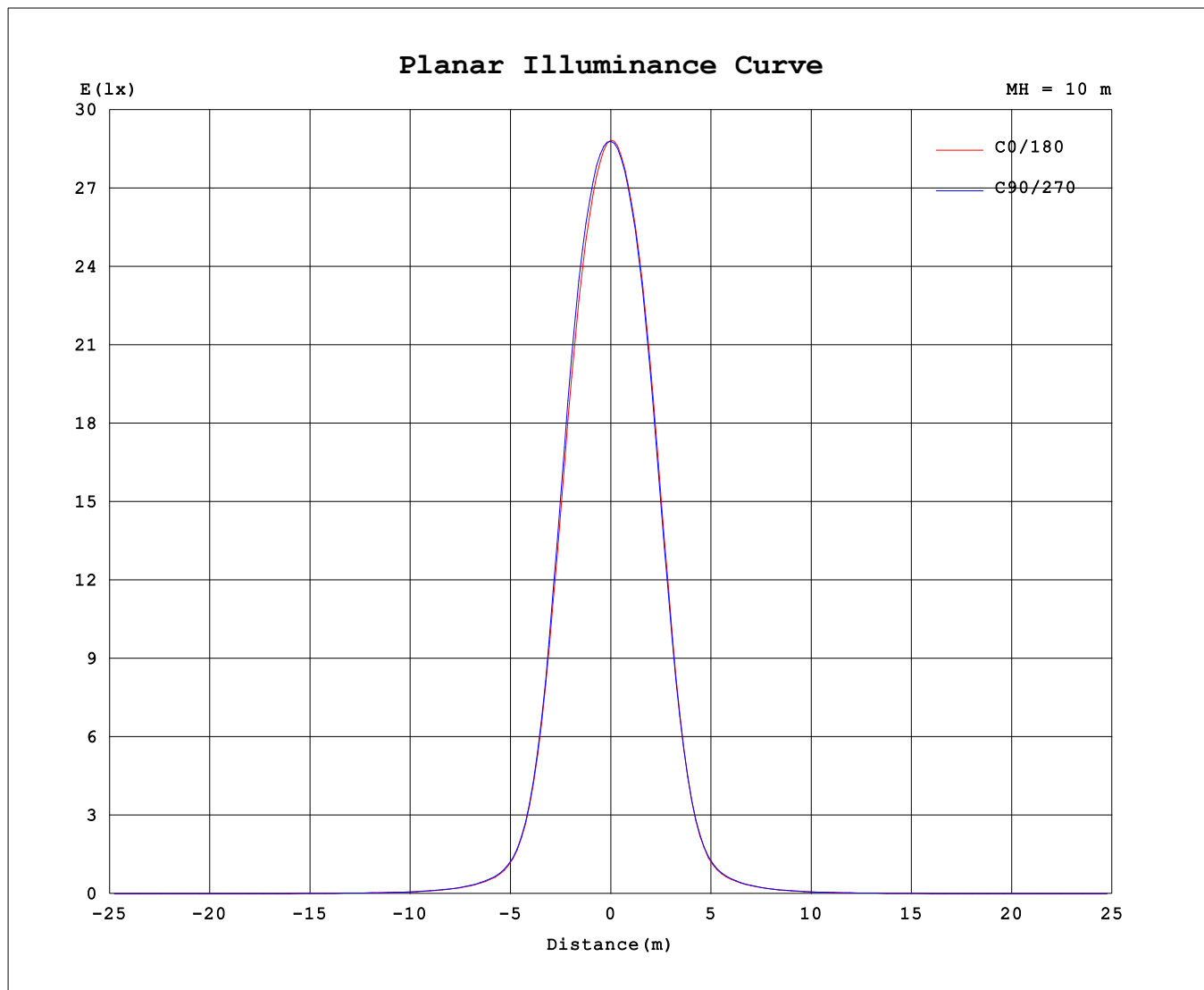
AvgL	cd/m2
L_0~180 (65) av	6670
L_0~180 (75) av	4205
L_0~180 (85) av	1375
L_90~270 (65) av	6995
L_90~270 (75) av	4341
L_90~270 (85) av	328
L_45 (65) av	6763
L_45 (75) av	4180
L_45 (85) av	215

Standard: GB/T 29293-2012

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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	2881	2881	2881	2881	2881	2881	2881	2881
3.0	2811	2823	2843	2846	2833	2828	2828	2815
6.0	2637	2656	2697	2705	2681	2662	2670	2642
9.0	2352	2375	2436	2452	2421	2387	2401	2357
12.0	1936	1965	2018	2052	2015	1975	1981	1943
15.0	1426	1465	1486	1531	1506	1462	1473	1435
18.0	927.3	955.2	947.2	989.7	974.4	948.5	956.9	931.4
21.0	524.0	547.2	536.9	554.9	550.3	544.3	550.1	520.7
24.0	278.8	292.0	285.9	293.1	287.9	292.9	294.9	276.3
27.0	154.0	163.1	159.8	161.3	156.7	163.3	163.9	154.1
30.0	97.28	103.2	102.6	101.6	98.88	102.6	103.5	96.66
33.0	68.77	71.53	72.61	71.42	69.53	71.03	72.35	68.23
36.0	49.88	51.31	52.26	51.37	50.19	50.75	52.12	49.52
39.0	36.37	37.48	38.01	37.48	36.64	37.12	37.81	36.23
42.0	26.78	27.73	28.08	28.00	27.12	27.48	27.89	27.07
45.0	20.26	20.96	21.32	21.41	20.50	20.75	21.08	20.78
48.0	15.65	16.10	16.43	16.56	15.78	15.97	16.22	16.15
51.0	12.24	12.50	12.77	12.84	12.27	12.42	12.59	12.51
54.0	9.420	9.549	9.765	9.749	9.352	9.543	9.619	9.520
57.0	6.965	7.050	7.172	7.122	6.878	7.094	7.099	6.940
60.0	5.305	5.403	5.463	5.380	5.266	5.432	5.431	5.243
63.0	4.239	4.335	4.440	4.328	4.291	4.437	4.418	4.175
66.0	3.317	3.430	3.568	3.474	3.453	3.568	3.564	3.276
69.0	2.526	2.633	2.788	2.708	2.704	2.777	2.774	2.484
72.0	1.877	1.954	2.065	2.012	2.023	2.064	2.050	1.833
75.0	1.360	1.395	1.466	1.446	1.470	1.478	1.455	1.307
78.0	0.9171	0.9481	0.9228	0.9548	0.9847	0.9599	0.8861	0.8566
81.0	0.5358	0.5240	0.4310	0.4909	0.5605	0.5140	0.3869	0.4271
84.0	0.2276	0.1275	0.0428	0.1228	0.2468	0.1074	0.0354	0.0689
87.0	0.0456	0.0212	0.0383	0.0254	0.0407	0.0212	0.0347	0.0167
90.0	0.0372	0.0234	0.0363	0.0257	0.0247	0.0212	0.0270	0.0225

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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: