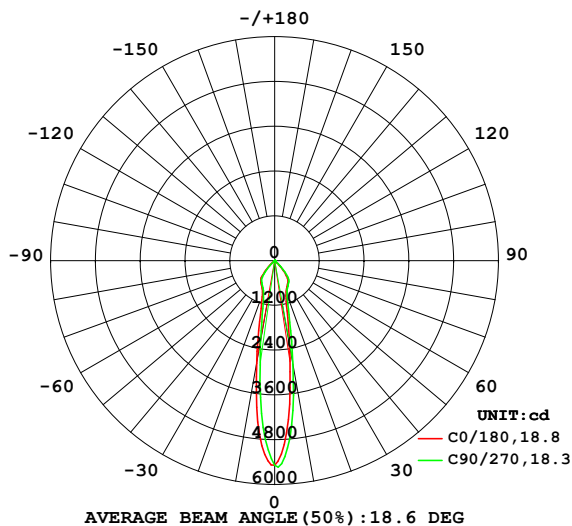


LUMINAIRE PHOTOMETRIC TEST REPORT

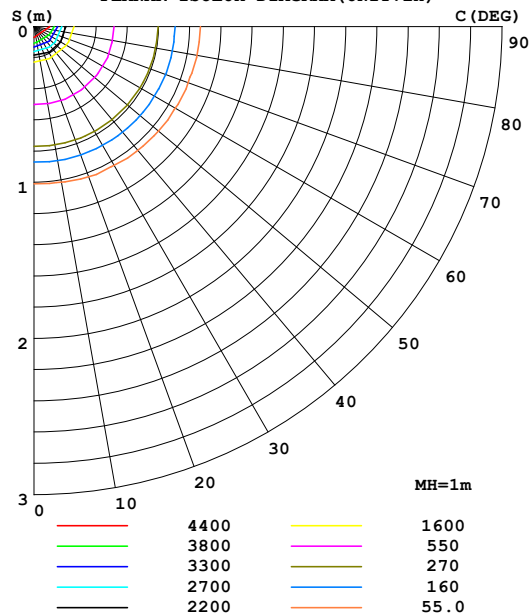
Test:U:240.4V I:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.12 lm/W			
MODEL		I _{max} (cd)	5539	S/MH(C0/180)	0.35
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1705.5	η UP,DN(C0-180)	0.0,51.8
NOMINAL FLUX(lm)	1705.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.36	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: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	2317	2554	2832	2912	2794	2441	2186	2154	0- 10	358.5	358.5	21,21
20	907.2	944.3	983.0	987.4	971.1	920.0	886.0	878.0	10- 20	398.7	757.3	44.4,44.4
30	709.9	727.5	736.7	730.1	726.2	707.4	693.0	690.0	20- 30	369.8	1127	66.1,66.1
40	413.6	459.0	500.4	525.2	503.6	452.7	407.0	380.1	30- 40	385.7	1513	88.7,88.7
50	25.51	36.39	52.50	58.25	42.85	28.37	23.31	20.78	40- 50	163.5	1676	98.3,98.3
60	8.033	8.415	8.574	8.653	8.477	8.049	7.974	7.833	50- 60	13.09	1689	99.1,99.1
70	6.461	6.495	6.308	6.181	6.433	6.070	5.986	6.290	60- 70	7.042	1696	99.5,99.5
80	5.523	5.358	4.853	4.617	4.747	4.800	5.034	5.751	70- 80	5.941	1702	99.8,99.8
90	0.0583	0.0447	0.0622	0.0466	0.0516	0.0498	0.0619	0.0465	80- 90	3.153	1706	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): 1633.4 lm

%lum = 95.8%

%lamp = 95.8%

Conical surface Flux(120deg): 1689.4 lm

%lum = 99.1%

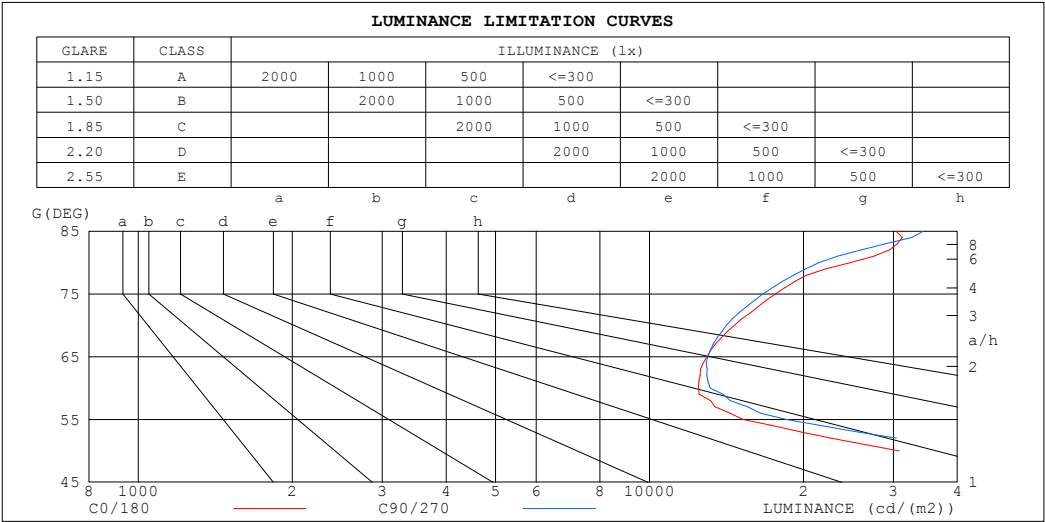
%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	30385	34289
80	24685	21431
75	17619	16659
70	14660	14143
65	12943	12994
60	12469	13148
55	15249	18572
50	30800	62632
45	178363	270713

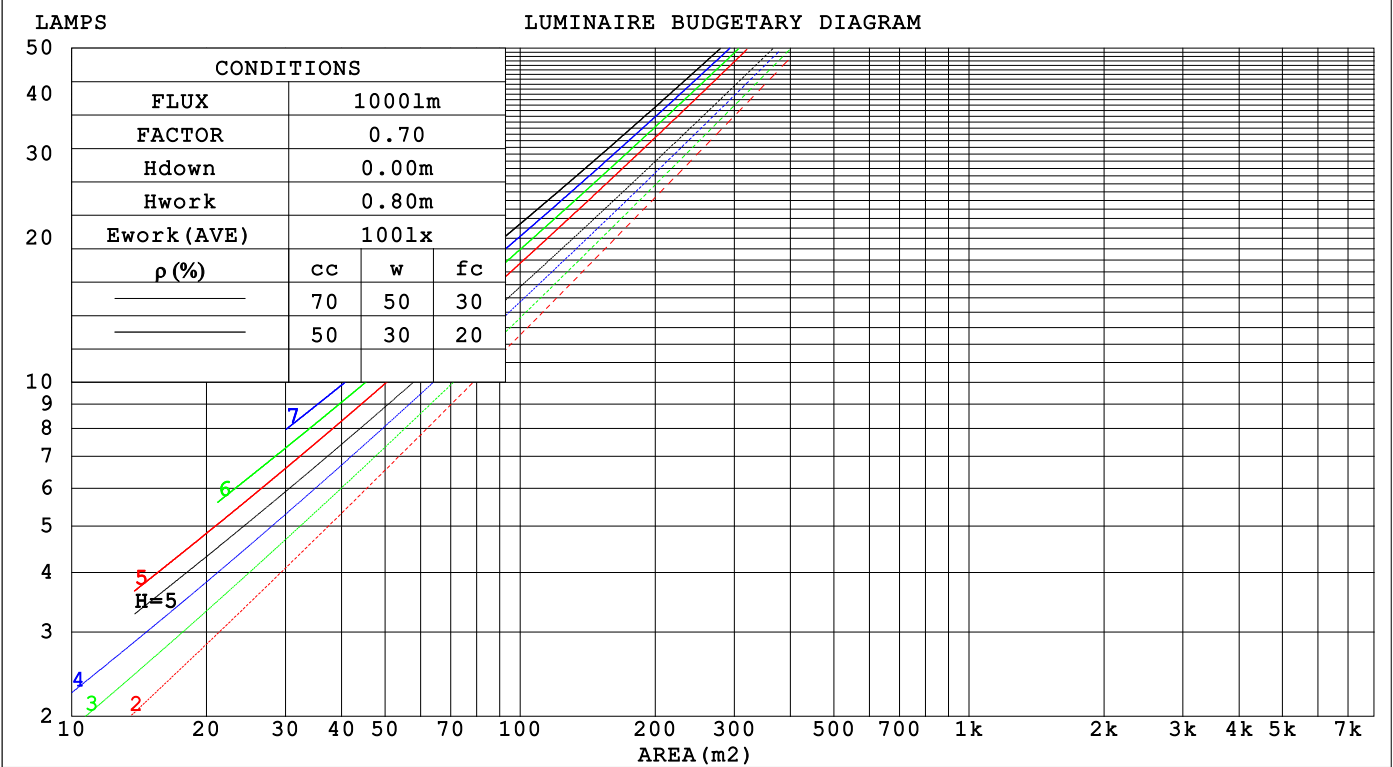
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839		
Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 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			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	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.82
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.72
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.72	.69	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.62	.59	.67	.62	.59	.66	.62	.58	.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: MEDIUM
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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839		Lamp Flux:1705.52x1 lm
NAME: MD18-18-XX-02 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	.176	.100	.032	.169	.097	.031	.157	.090	.029	.145	.084	.027	.135	.078	.025		
2.0	.168	.092	.028	.162	.089	.028	.152	.084	.026	.142	.080	.025	.133	.075	.024		
3.0	.160	.085	.025	.155	.083	.025	.146	.079	.024	.137	.075	.023	.130	.072	.022		
4.0	.151	.079	.023	.147	.077	.023	.140	.074	.022	.132	.071	.021	.126	.068	.021		
5.0	.144	.073	.021	.140	.072	.021	.134	.070	.020	.127	.067	.020	.121	.065	.020		
6.0	.137	.069	.020	.134	.068	.019	.128	.066	.019	.122	.064	.019	.117	.062	.018		
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017		
8.0	.125	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.017	.109	.056	.016		
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.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	.060	.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	.110	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005		
8.0	.104	.064	.036	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004		
9.0	.099	.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: MEDIUM
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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz										
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839					Lamp Flux:1705.52x1 lm					
NAME: MD18-18-XX-02 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	26.7	27.7	27.0	27.8	28.0	27.3	28.2	27.5	28.4	28.6
3H	26.6	27.4	26.8	27.6	27.8	27.2	28.0	27.4	28.2	28.4
4H	26.5	27.3	26.8	27.5	27.8	27.1	27.9	27.4	28.1	28.3
6H	26.5	27.2	26.8	27.5	27.7	27.0	27.8	27.3	28.0	28.3
8H	26.5	27.2	26.8	27.4	27.7	27.0	27.7	27.3	28.0	28.3
12H	26.5	27.2	26.8	27.4	27.7	27.0	27.7	27.3	28.0	28.2
4H 2H	26.5	27.3	26.8	27.5	27.7	27.1	27.9	27.3	28.1	28.3
3H	26.3	27.0	26.7	27.3	27.6	26.9	27.6	27.2	27.9	28.2
4H	26.3	26.9	26.6	27.2	27.5	26.9	27.5	27.2	27.8	28.1
6H	26.3	26.8	26.6	27.2	27.5	26.8	27.4	27.2	27.7	28.0
8H	26.3	26.8	26.7	27.2	27.5	26.8	27.3	27.2	27.7	28.0
12H	26.3	26.8	26.7	27.1	27.5	26.8	27.3	27.2	27.7	28.0
8H 4H	26.2	26.7	26.6	27.0	27.4	26.7	27.2	27.1	27.6	28.0
6H	26.2	26.6	26.6	27.0	27.4	26.7	27.1	27.1	27.5	27.9
8H	26.2	26.6	26.7	27.0	27.5	26.7	27.1	27.2	27.5	28.0
12H	26.3	26.6	26.8	27.1	27.5	26.8	27.1	27.3	27.5	28.0
12H 4H	26.1	26.6	26.5	27.0	27.4	26.7	27.2	27.1	27.5	27.9
6H	26.2	26.5	26.6	26.9	27.4	26.7	27.1	27.1	27.5	27.9
8H	26.2	26.5	26.7	27.0	27.5	26.7	27.0	27.2	27.5	27.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.5 / - 8.4					+ 2.5 / - 9.1				
1.5H	+ 4.7 / - 8.5					+ 4.5 / - 9.5				
2.0H	+ 6.3 / - 3.0					+ 7.5 / - 4.8				

CIE Pub.117, 1706 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.9$)
Area: 0.0013 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

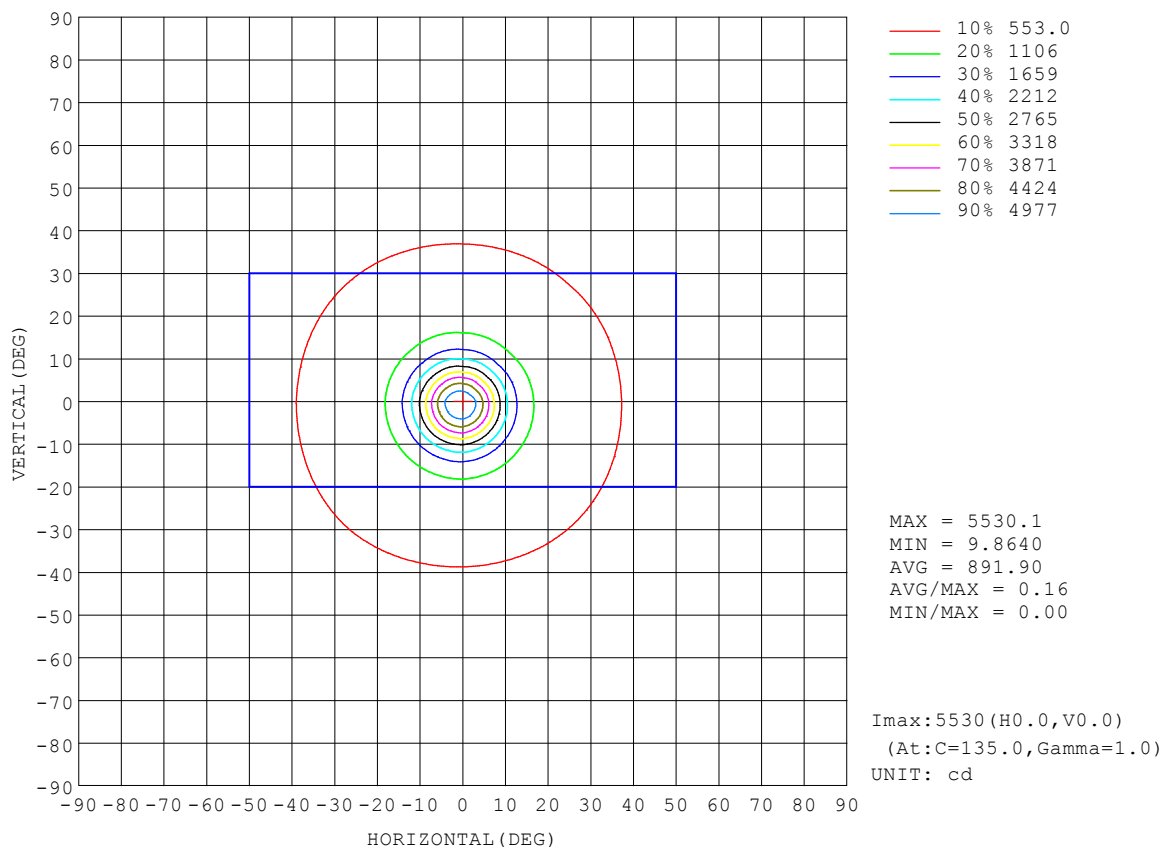
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	77	73	83	77	73	69
0.80	92	86	82	92	86	82	90	85	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	93	101	96	92	99	95	91	87
1.50	105	100	96	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	101	105	102	100	94
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	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: MEDIUM
 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:

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

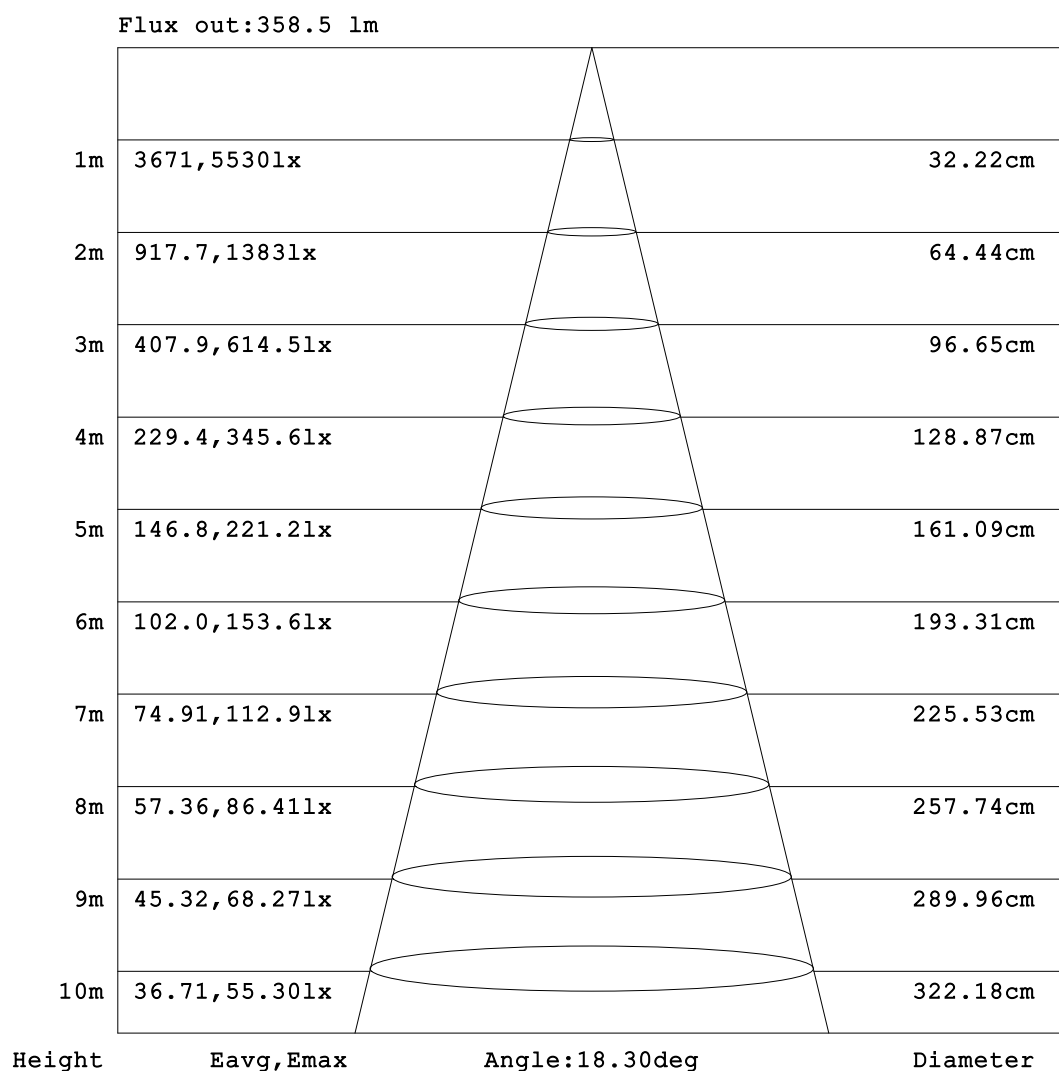


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



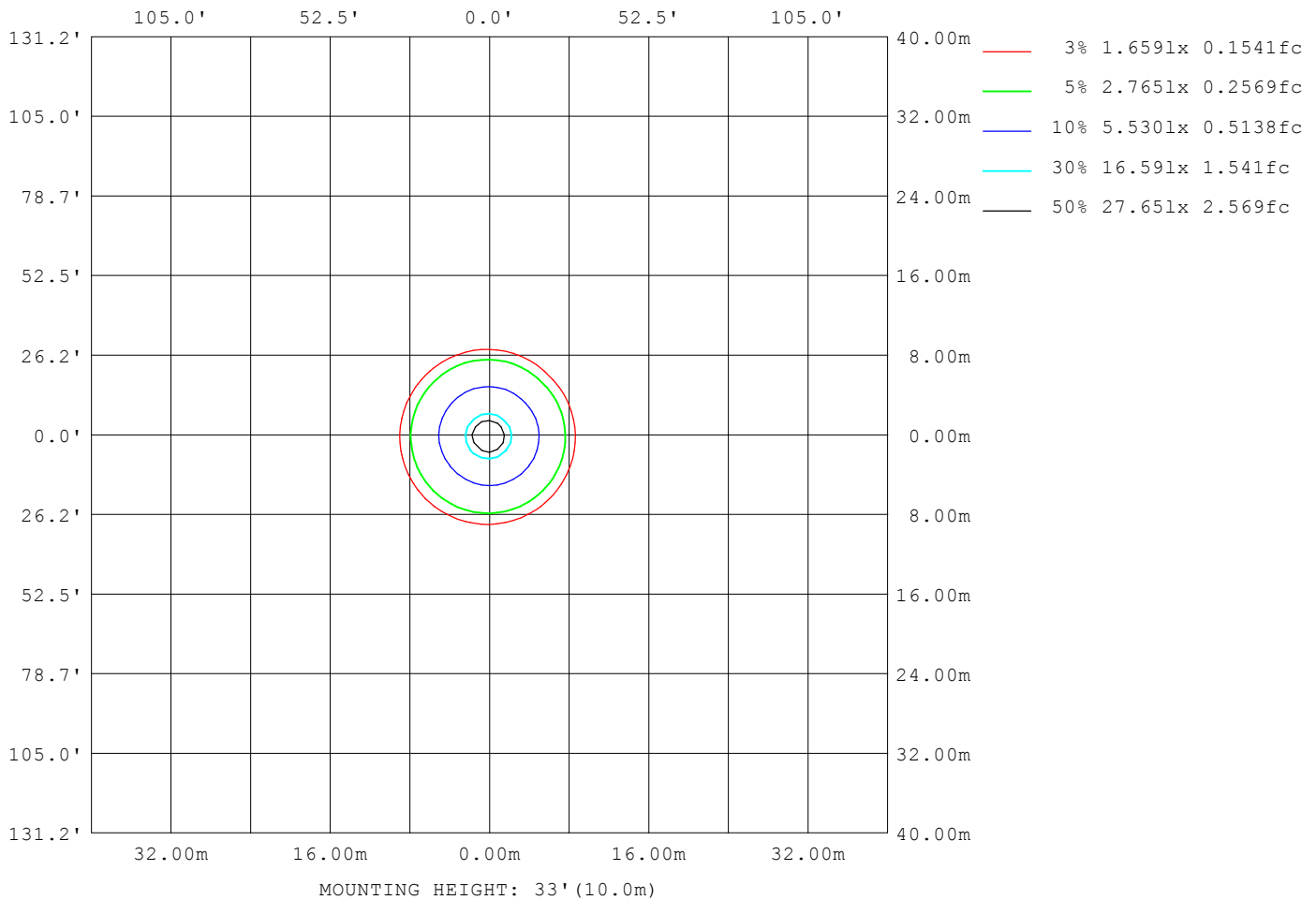
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 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: 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:0.0726A P:16.9W PF:0.9666 Freq:49.99Hz UTHDi:0.17% ITHDi:18.73% KDisp:0.9839 Lamp Flux:1705.52x1 lm		
NAME: MD18-18-XX-02 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

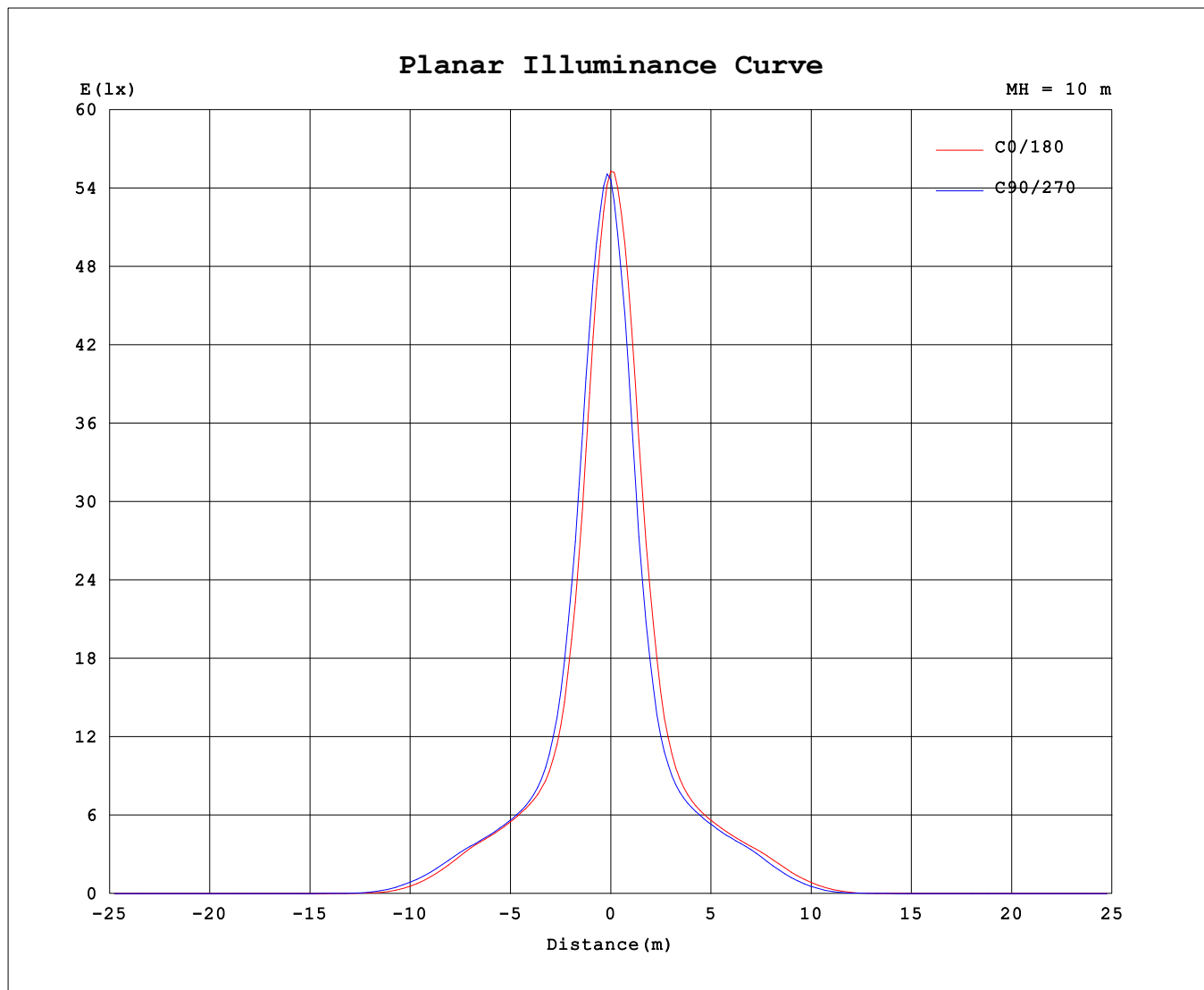
AvgL	cd/m2
L_0~180 (65) av	12993
L_0~180 (75) av	17152
L_0~180 (85) av	31272
L_90~270 (65) av	12641
L_90~270 (75) av	16356
L_90~270 (85) av	28866
L_45 (65) av	12734
L_45 (75) av	16588
L_45 (85) av	29611

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
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: MEDIUM
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	5481	5481	5481	5481	5481	5481	5481	5481
3.0	4934	5106	5260	5305	5196	4968	4799	4785
6.0	3863	4164	4426	4508	4351	3974	3685	3631
9.0	2638	2914	3222	3308	3152	2769	2483	2465
12.0	1791	1994	2203	2263	2184	1890	1689	1648
15.0	1258	1368	1502	1531	1483	1312	1209	1182
18.0	997.3	1058	1127	1134	1111	1024	973.1	963.3
21.0	875.7	905.6	935.8	937.1	923.5	882.7	855.0	850.0
24.0	808.4	828.3	840.7	837.1	829.8	807.2	790.5	787.8
27.0	756.1	775.2	784.5	778.8	772.9	754.6	739.1	735.3
30.0	709.9	727.5	736.7	730.1	726.2	707.4	693.0	690.0
33.0	666.7	683.5	692.7	687.2	681.6	664.1	651.8	645.2
36.0	596.5	627.2	645.8	647.1	638.2	614.9	586.2	568.1
39.0	466.1	507.6	546.1	566.3	548.2	502.2	457.9	431.2
42.0	308.4	358.4	401.3	427.4	401.1	350.0	303.4	276.2
45.0	162.5	210.6	249.6	269.2	241.8	194.9	160.3	135.0
48.0	55.52	87.91	116.8	128.1	106.1	76.26	52.37	42.91
51.0	21.38	26.66	33.16	35.26	25.32	19.81	19.30	17.46
54.0	13.20	15.83	16.63	15.67	14.59	12.67	11.74	11.35
57.0	9.413	10.53	11.05	11.27	10.66	9.617	9.321	9.060
60.0	8.033	8.415	8.574	8.653	8.477	8.049	7.974	7.833
63.0	7.358	7.591	7.669	7.631	7.703	7.239	7.138	7.216
66.0	6.906	6.986	6.979	6.879	7.058	6.669	6.554	6.774
69.0	6.556	6.596	6.471	6.350	6.589	6.216	6.115	6.411
72.0	6.275	6.271	6.036	5.876	6.144	5.806	5.769	6.055
75.0	5.876	5.878	5.623	5.444	5.666	5.341	5.383	5.663
78.0	5.440	5.440	5.188	4.970	5.161	4.866	4.970	5.501
81.0	5.528	5.393	4.751	4.531	4.628	4.905	4.974	5.463
84.0	4.201	4.519	4.446	4.322	3.991	3.843	3.510	3.730
87.0	0.8398	1.778	2.438	2.466	1.879	0.9259	0.5081	0.1301
90.0	0.0583	0.0447	0.0622	0.0466	0.0516	0.0498	0.0619	0.0465

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C Interval: 45.0DEG
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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: