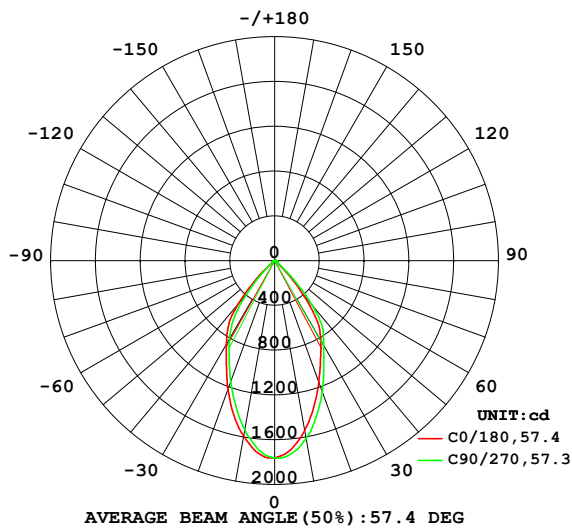


LUMINAIRE PHOTOMETRIC TEST REPORT

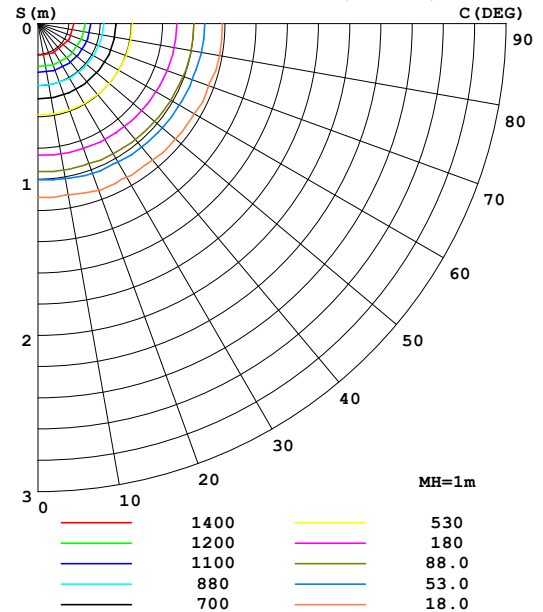
Test:U:240.4V I:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 98.62 lm/W
MODEL		I _{max} (cd)	1770	S/MH(C0/180)	0.83	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	0.79	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1649.4	η UP,DN(C0-180)	0.0,51.5	
NOMINAL FLUX(lm)	1649.36	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.5	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	240.37	η down (%)	100.0	CIBSE SHR MAX	0.95	

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	1545	1587	1614	1618	1593	1561	1538	1524	0- 10	158.7	158.7	9.62,9.62
20	1154	1200	1245	1257	1223	1181	1149	1137	10- 20	387.9	546.6	33.1,33.1
30	827.6	856.5	876.1	878.7	863.4	826.6	807.9	803.8	20- 30	460.7	1007	61.1,61.1
40	399.3	467.4	529.8	559.6	512.2	441.5	390.8	370.7	30- 40	421.9	1429	86.6,86.6
50	37.27	44.52	56.41	62.77	48.31	36.14	31.45	33.36	40- 50	162.8	1592	96.5,96.5
60	22.50	24.72	24.65	24.31	22.83	21.09	20.37	20.97	50- 60	25.25	1617	98.1,98.1
70	14.54	15.32	15.37	14.90	14.08	14.05	14.46	14.32	60- 70	18.70	1636	99.2,99.2
80	6.037	6.786	6.834	6.293	5.391	5.226	5.401	5.637	70- 80	10.56	1646	99.8,99.8
90	0.0638	0.0507	0.0639	0.0570	0.0596	0.0633	0.0743	0.0628	80- 90	2.880	1649	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): 1548.7 lm

%lum = 93.9%

%lamp = 93.9%

Conical surface Flux(120deg): 1617.2 lm

%lum = 98.1%

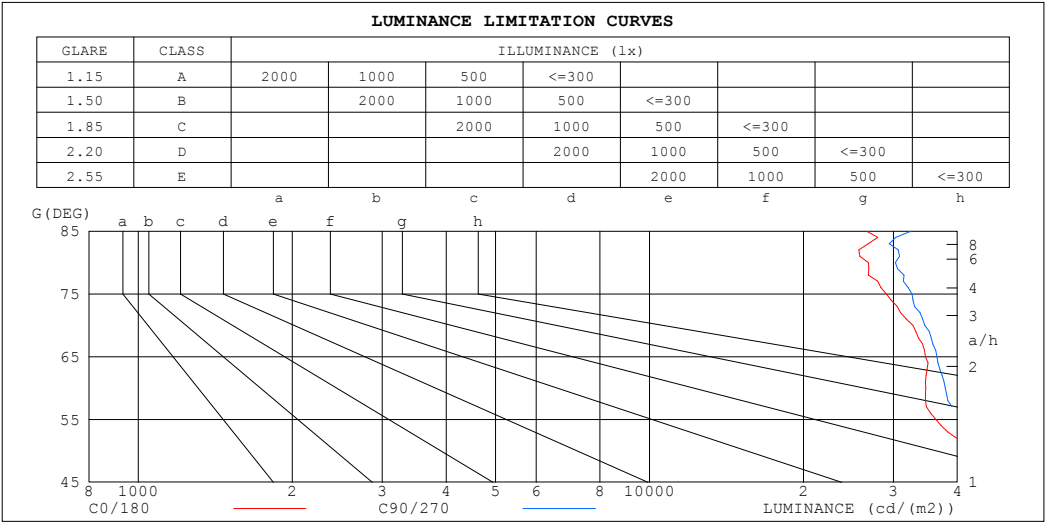
%lamp = 98.1%

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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26609	32452
80	26801	30242
75	29056	32625
70	32762	34542
65	34659	36492
60	34683	37887
55	36349	41537
50	44693	67438
45	164980	271270

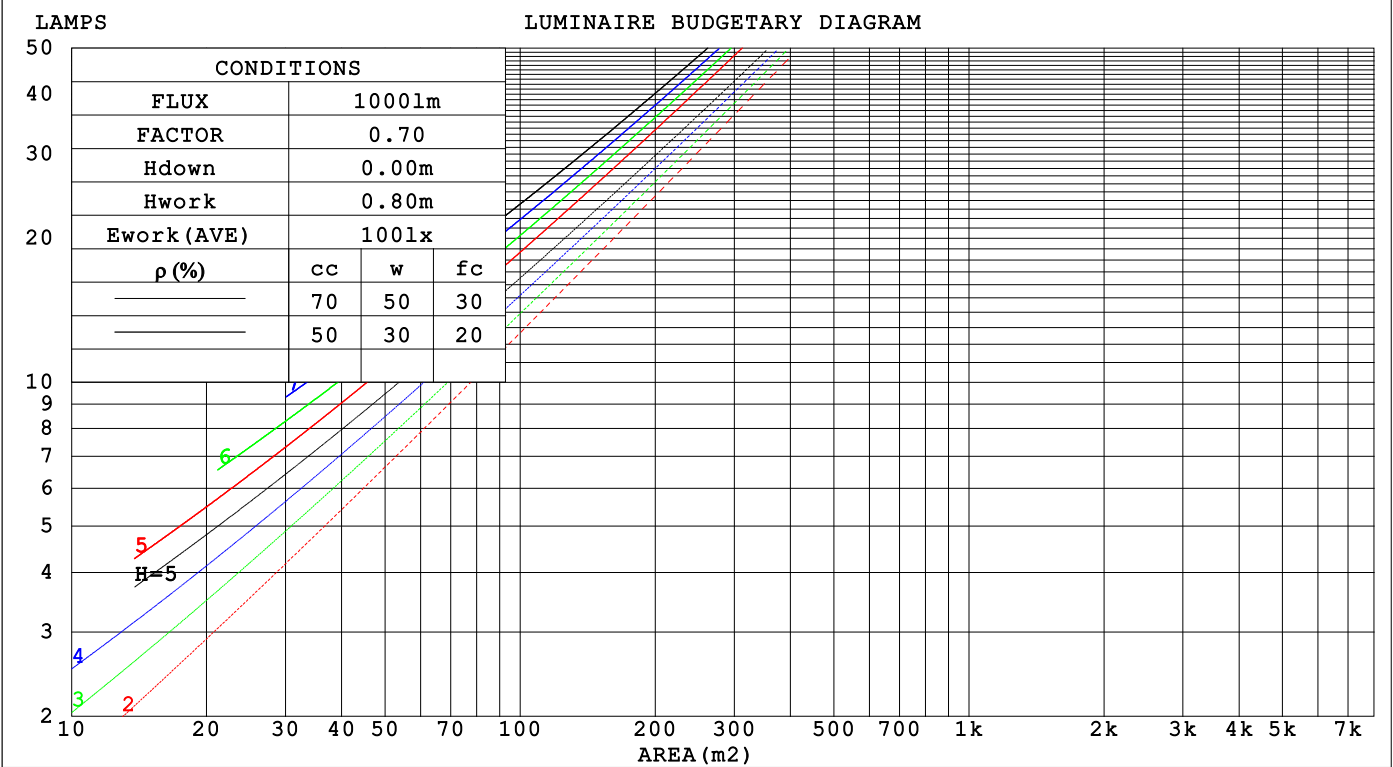
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829		
Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	1.00	.98	.97	.97	.95	.94	.92
2.0	1.02	.97	.94	.90	.96	.93	.97	.93	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.94	.89	.84	.93	.88	.84	.90	.86	.82	.88	.84	.81	.85	.82	.80	.78
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.72
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.69	.65	.75	.69	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.62
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.68	.63	.59	.66	.62	.59	.57
8.0	.66	.60	.56	.66	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.55	.53
9.0	.62	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.50
10.0	.59	.53	.48	.58	.52	.48	.57	.52	.48	.57	.52	.48	.56	.51	.48	.47



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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	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	.192	.109	.035	.185	.106	.034	.173	.099	.032	.161	.093	.030	.150	.087	.028															
2.0	.185	.101	.031	.179	.098	.030	.168	.093	.029	.158	.089	.028	.149	.084	.027															
3.0	.176	.094	.028	.171	.092	.028	.162	.088	.027	.153	.084	.026	.145	.080	.025															
4.0	.167	.087	.026	.163	.085	.025	.155	.082	.025	.148	.079	.024	.141	.076	.023															
5.0	.159	.081	.024	.156	.080	.023	.148	.077	.023	.142	.075	.022	.136	.073	.022															
6.0	.152	.076	.022	.148	.075	.022	.142	.073	.021	.136	.071	.021	.131	.069	.020															
7.0	.145	.072	.020	.142	.071	.020	.136	.069	.020	.131	.067	.020	.126	.066	.019															
8.0	.138	.068	.019	.136	.067	.019	.131	.065	.019	.126	.064	.018	.122	.062	.018															
9.0	.132	.064	.018	.130	.063	.018	.125	.062	.018	.121	.061	.017	.117	.060	.017															
10.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.117	.058	.016	.113	.057	.016															

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.093	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.137	.099	.071	.117	.086	.061	.081	.060	.043	.047	.035	.026	.015	.011	.008	
5.0	.128	.088	.058	.110	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.121	.079	.048	.104	.068	.042	.072	.048	.030	.042	.028	.018	.013	.009	.006	
7.0	.115	.071	.041	.099	.062	.035	.068	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.109	.065	.035	.094	.056	.030	.065	.040	.021	.038	.023	.013	.012	.008	.004	
9.0	.104	.060	.030	.090	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.100	.056	.026	.086	.048	.023	.060	.034	.016	.035	.020	.010	.011	.007	.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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz										
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm										
NAME: MD18-18-XX-02 3000K RA90 60D					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	2H	27.2	28.3	27.5	28.4	28.6	28.0	29.0	28.2	29.2
	3H	27.2	28.1	27.5	28.3	28.5	27.9	28.9	28.2	29.1
	4H	27.2	28.1	27.4	28.3	28.5	27.9	28.8	28.2	29.0
	6H	27.1	28.0	27.4	28.2	28.5	27.9	28.7	28.2	29.0
	8H	27.1	27.9	27.4	28.2	28.4	27.9	28.7	28.2	28.9
	12H	27.1	27.9	27.4	28.1	28.4	27.8	28.6	28.2	28.9
4H	2H	27.0	27.9	27.3	28.2	28.4	27.8	28.7	28.1	28.9
	3H	27.0	27.8	27.4	28.1	28.4	27.8	28.5	28.1	28.8
	4H	27.1	27.7	27.4	28.1	28.4	27.8	28.5	28.1	28.8
	6H	27.1	27.7	27.4	28.0	28.4	27.8	28.4	28.2	28.7
	8H	27.1	27.6	27.4	28.0	28.3	27.8	28.3	28.2	28.7
	12H	27.0	27.6	27.5	27.9	28.3	27.8	28.3	28.2	28.7
8H	4H	27.0	27.5	27.4	27.9	28.3	27.7	28.2	28.1	28.6
	6H	27.0	27.5	27.5	27.9	28.3	27.7	28.2	28.1	28.6
	8H	27.0	27.4	27.5	27.9	28.3	27.7	28.1	28.2	28.6
	12H	27.1	27.4	27.5	27.9	28.3	27.8	28.1	28.2	28.6
12H	4H	26.9	27.5	27.4	27.8	28.2	27.6	28.2	28.1	28.5
	6H	27.0	27.4	27.4	27.8	28.3	27.7	28.1	28.1	28.5
	8H	27.0	27.4	27.5	27.8	28.3	27.7	28.1	28.2	28.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H		+ 2.3 / - 5.9				+ 2.6 / - 6.3				
1.5H		+ 4.5 / - 5.9				+ 4.6 / - 6.4				
2.0H		+ 4.6 / - 1.5				+ 6.4 / - 2.4				

CIE Pub.117, 1649 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.7$)
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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

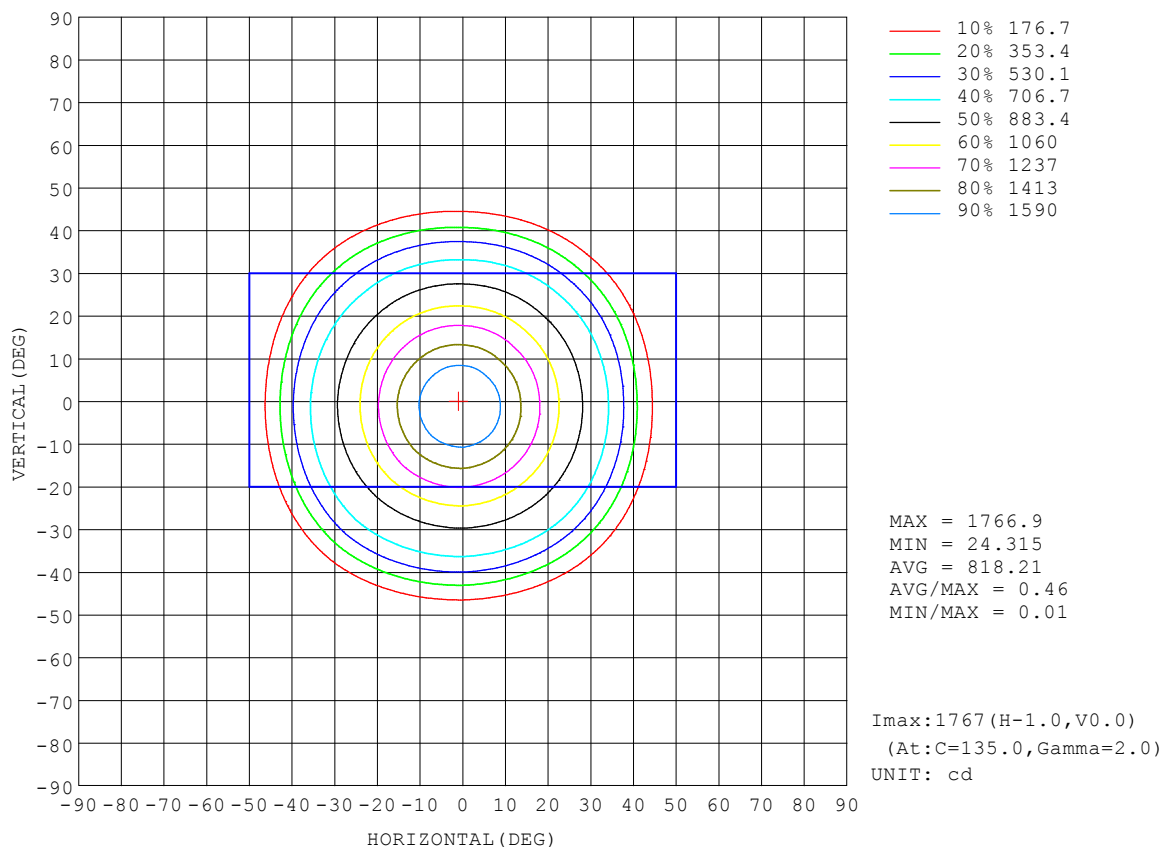
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	80	91	84	80	89	84	80	76
1.00	96	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

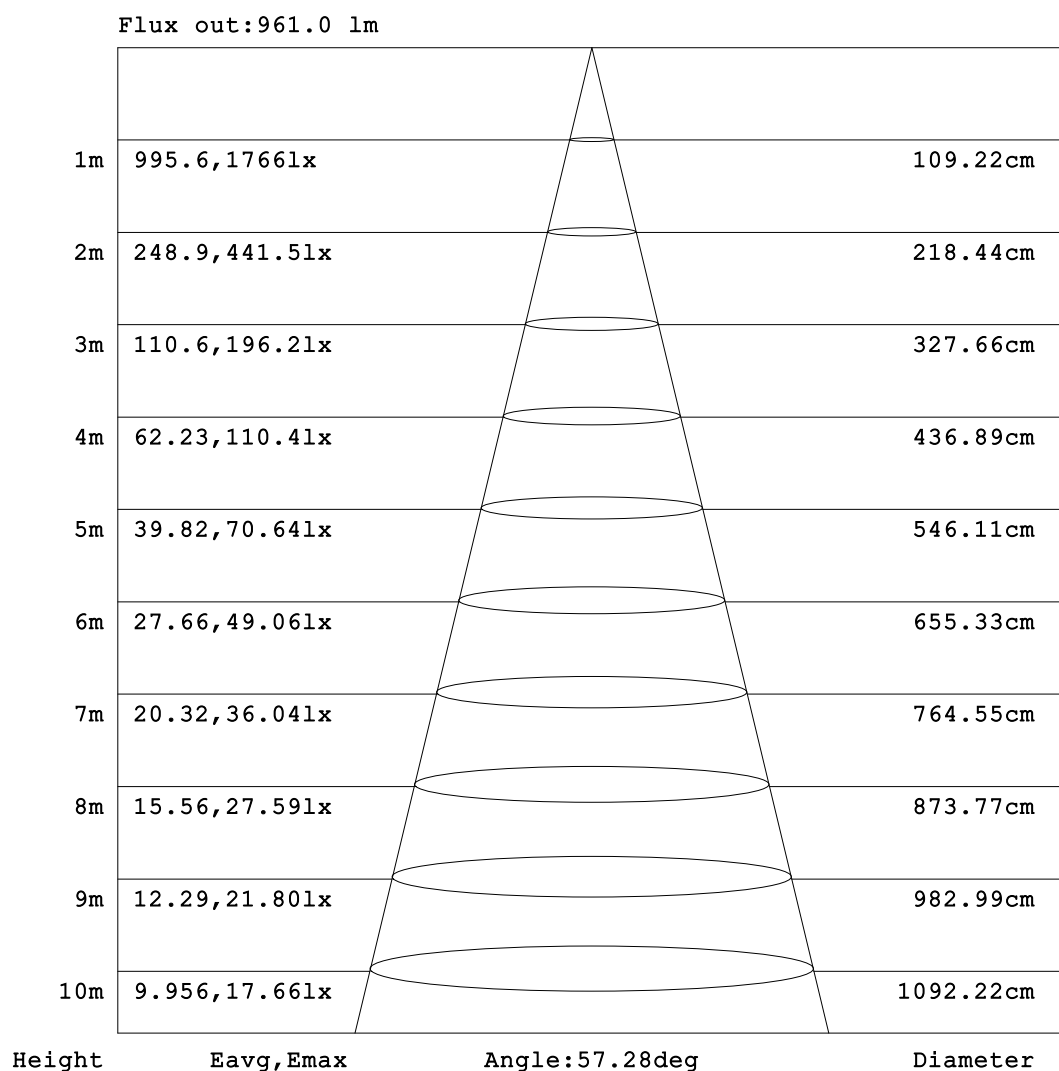


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-06

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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



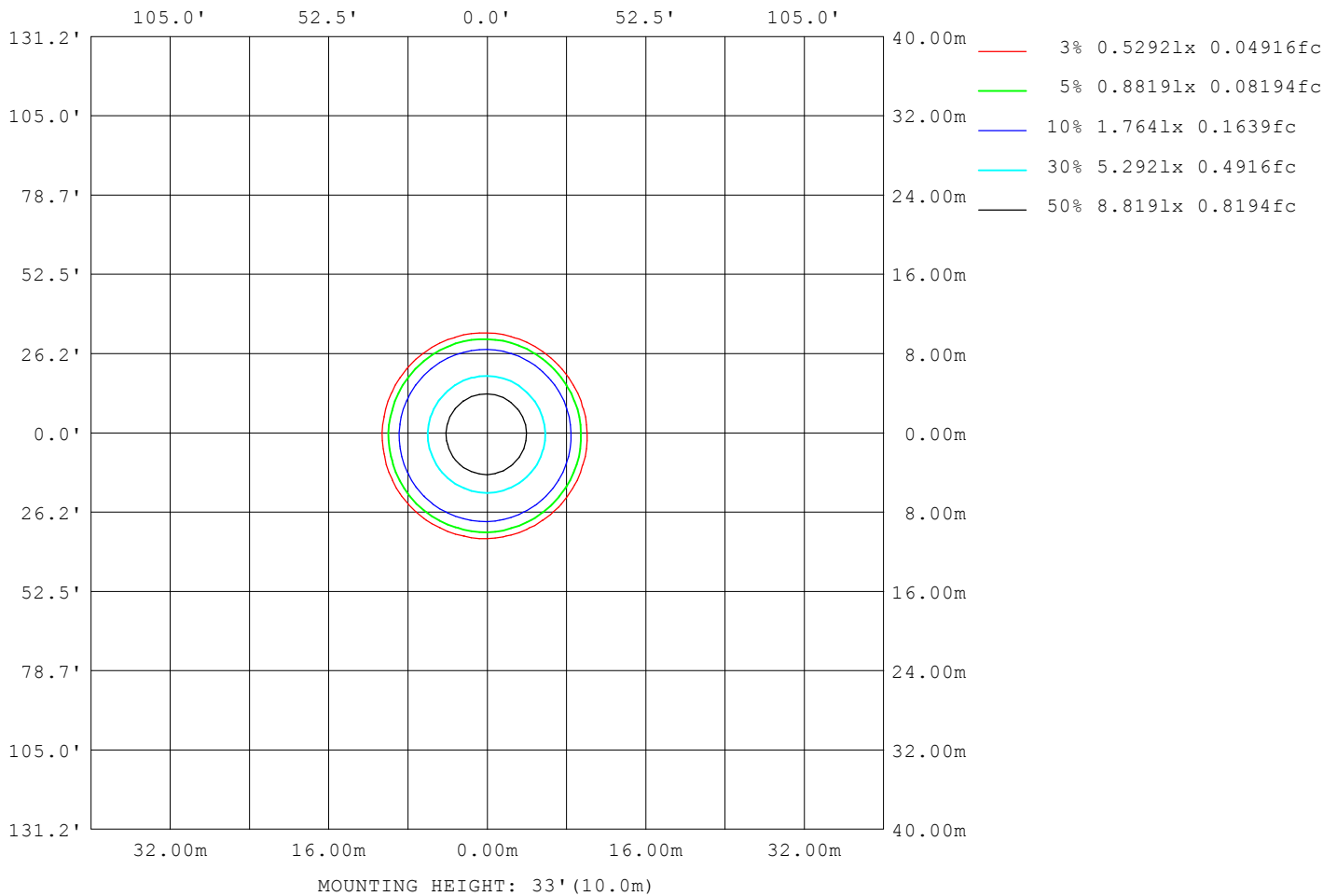
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 90 DEG
 γ Interval: 1.0 DEG
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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	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:0.0720A P:16.7W PF:0.9664 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.43% KDisp:0.9829 Lamp Flux:1649.36x1 lm		
NAME: MD18-18-XX-02 3000K RA90 60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

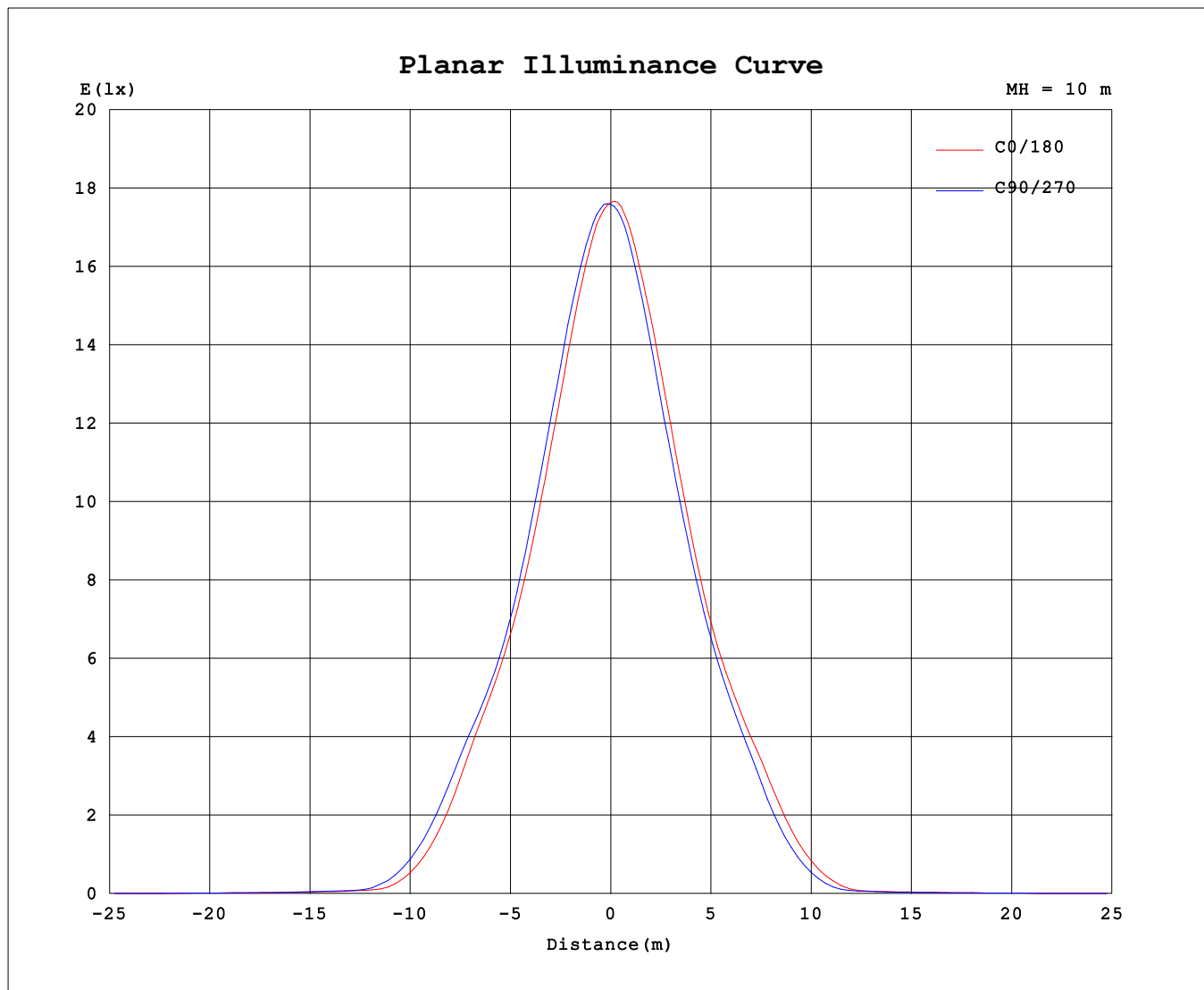
AvgL	cd/m2
L_0~180 (65) av	34372
L_0~180 (75) av	28631
L_0~180 (85) av	23974
L_90~270 (65) av	34707
L_90~270 (75) av	30076
L_90~270 (85) av	24932
L_45 (65) av	34786
L_45 (75) av	29413
L_45 (85) av	24625

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	1760	1760	1760	1760	1760	1760	1760	1760
3.0	1731	1744	1756	1762	1756	1743	1734	1728
6.0	1667	1693	1713	1721	1706	1680	1665	1654
9.0	1579	1615	1643	1646	1623	1593	1572	1563
12.0	1471	1517	1554	1558	1532	1491	1461	1452
15.0	1354	1403	1441	1453	1423	1379	1343	1333
18.0	1234	1282	1328	1339	1303	1260	1228	1215
21.0	1115	1158	1204	1217	1181	1141	1112	1097
24.0	1005	1037	1082	1089	1060	1028	999.9	987.4
27.0	912.0	937.5	969.4	973.0	951.2	921.7	898.6	892.6
30.0	827.6	856.5	876.1	878.7	863.4	826.6	807.9	803.8
33.0	741.9	780.5	800.0	803.3	782.0	733.6	712.2	713.2
36.0	620.8	683.3	721.3	729.3	695.2	636.5	601.3	587.7
39.0	455.4	524.8	585.5	610.9	566.9	494.8	443.8	426.0
42.0	292.0	353.3	415.1	442.8	397.8	339.0	288.9	266.0
45.0	151.3	201.5	249.6	269.7	237.9	194.8	154.8	131.6
48.0	56.60	85.56	114.4	127.5	107.1	85.05	57.28	48.22
51.0	34.35	39.67	42.15	43.29	33.95	29.36	28.36	30.59
54.0	28.36	32.58	32.66	29.76	27.47	24.76	23.81	25.46
57.0	24.60	28.04	27.69	26.72	25.17	22.74	21.75	22.59
60.0	22.50	24.72	24.65	24.31	22.83	21.09	20.37	20.97
63.0	20.55	21.92	21.84	21.35	20.32	19.34	19.08	19.63
66.0	18.21	19.14	19.20	18.90	17.77	17.50	17.56	17.88
69.0	15.43	16.19	16.43	16.00	14.97	14.97	15.28	15.30
72.0	12.41	13.24	13.59	13.17	12.10	11.87	12.37	12.22
75.0	9.755	10.73	10.99	10.53	9.511	8.948	9.251	9.377
78.0	7.236	8.378	8.507	7.948	7.122	6.547	6.664	6.856
81.0	5.231	6.126	6.279	5.728	4.922	4.570	4.476	4.723
84.0	3.791	4.299	4.120	3.559	2.869	2.643	2.739	3.183
87.0	0.7233	1.502	2.180	1.910	1.247	0.6090	0.2641	0.1001
90.0	0.0638	0.0507	0.0639	0.0570	0.0596	0.0633	0.0743	0.0628

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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: