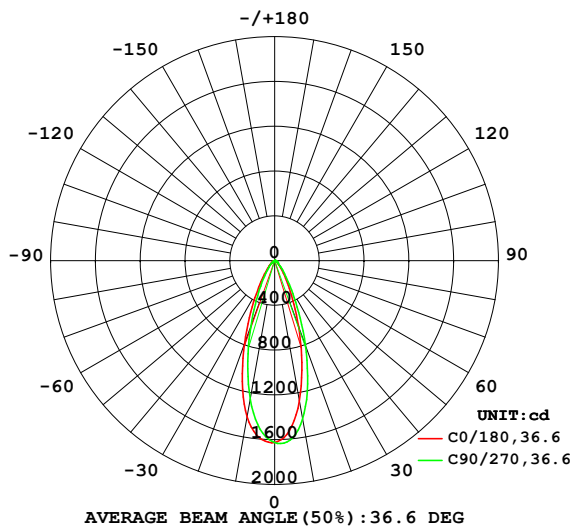


## LUMINAIRE PHOTOMETRIC TEST REPORT

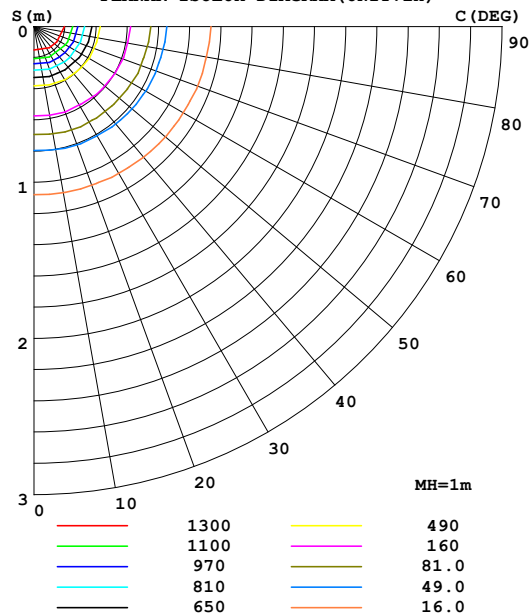
Test:U:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.61 lm/W
MODEL		Imax (cd)	1636	S/MH(C0/180)	0.64	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.55	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	836.24	$\eta$ UP,DN(C0-180)	0.0,52.1	
NOMINAL FLUX(lm)	836.241	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,47.9	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	240.41	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.60	

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:2024-06-05

$\gamma$  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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1273	1364	1438	1463	1417	1329	1259	1230	0- 10	141.9	141.9	17,17
20	628.9	716.7	805.1	847.2	790.8	691.0	625.0	595.9	10- 20	282.8	424.8	50.8,50.8
30	231.3	263.8	306.6	331.1	308.1	262.4	234.3	217.1	20- 30	207.9	632.6	75.7,75.7
40	88.61	98.01	111.7	120.5	114.3	96.33	87.38	82.32	30- 40	104.3	736.9	88.1,88.1
50	40.41	43.39	49.25	52.20	50.32	42.62	39.67	37.94	40- 50	51.80	788.7	94.3,94.3
60	18.88	20.91	23.85	24.78	23.54	20.11	18.19	17.14	50- 60	27.93	816.6	97.7,97.7
70	7.361	8.849	10.34	10.51	9.594	7.712	6.507	6.241	60- 70	13.84	830.5	99.3,99.3
80	1.323	2.253	2.944	2.893	2.131	1.863	1.461	1.262	70- 80	5.089	835.6	99.9,99.9
90	0.0307	0.0167	0.0241	0.0155	0.0157	0.0180	0.0290	0.0280	80- 90	0.6778	836.2	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): 766.87 lm

%lum = 91.7%

%lamp = 91.7%

Conical surface Flux(120deg): 816.64 lm

%lum = 97.7%

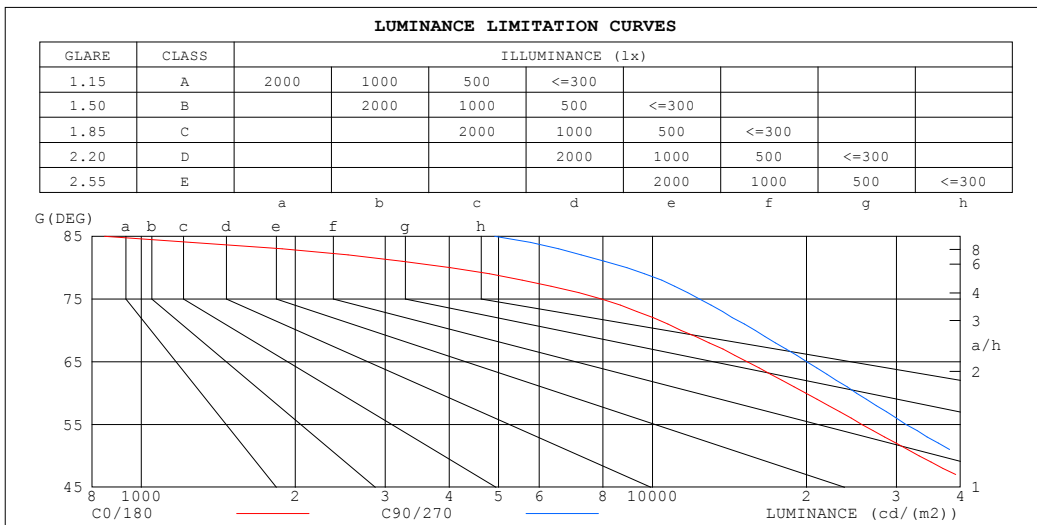
%lamp = 97.7%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

$\gamma$  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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



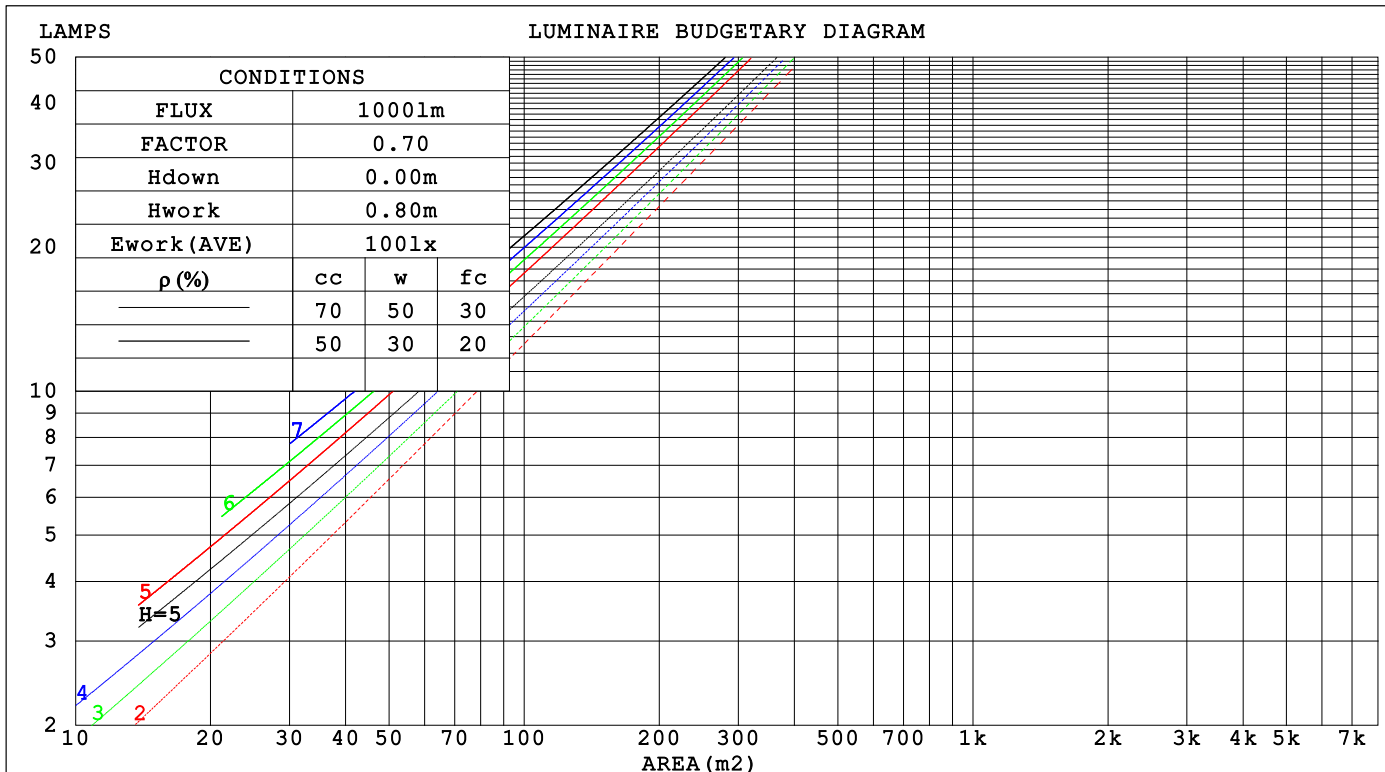
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-06-05

$\gamma$  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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	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	1.04	1.05	1.03	1.01	1.01	.00	.98	.97	.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	.90	.85	.81	.87	.83	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.66	.74	.69	.66	.72	.69	.66	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.55



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz			UTHDi:0.18% ITHDi:20.05% KDisp:0.9391			Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming Lighting			SUR.: 50mm			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	.177	.101	.032	.170	.097	.031	.157	.090	.029	.146	.084	.027	.135	.078	.025		
2.0	.168	.092	.028	.163	.090	.028	.152	.085	.026	.142	.080	.025	.133	.075	.024		
3.0	.159	.085	.025	.154	.083	.025	.145	.079	.024	.137	.075	.023	.129	.072	.022		
4.0	.151	.078	.023	.146	.077	.023	.139	.074	.022	.131	.071	.021	.125	.068	.021		
5.0	.143	.073	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019		
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.121	.063	.018	.115	.061	.018		
7.0	.128	.064	.018	.126	.063	.018	.121	.061	.018	.116	.059	.017	.111	.058	.017		
8.0	.122	.060	.017	.120	.059	.017	.115	.058	.016	.111	.056	.016	.107	.055	.016		
9.0	.117	.056	.016	.115	.056	.016	.110	.055	.015	.107	.053	.015	.103	.052	.015		
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014		

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	.123	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007		
6.0	.116	.078	.050	.099	.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	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.007	.004		
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004		
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz											
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391						Lamp Flux:836.24lx1 lm					
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.: Norming Lighting						SUR.: 50mm			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	20.4	21.3	20.6	21.4	21.6	21.3	22.2	21.5	22.4	22.5
	3H	20.6	21.4	20.9	21.6	21.8	21.6	22.4	21.9	22.6	22.8
	4H	20.6	21.4	20.9	21.6	21.9	21.7	22.5	22.0	22.7	22.9
	6H	20.6	21.3	20.9	21.6	21.8	21.7	22.4	22.0	22.7	22.9
	8H	20.5	21.3	20.9	21.5	21.8	21.7	22.4	22.0	22.7	22.9
	12H	20.5	21.2	20.8	21.5	21.7	21.6	22.3	22.0	22.6	22.9
4H	2H	20.5	21.3	20.8	21.5	21.7	21.3	22.1	21.6	22.3	22.6
	3H	20.8	21.5	21.1	21.8	22.1	21.7	22.4	22.1	22.7	23.0
	4H	20.9	21.5	21.2	21.8	22.1	21.9	22.5	22.2	22.8	23.1
	6H	20.9	21.4	21.2	21.8	22.1	21.9	22.5	22.3	22.8	23.2
	8H	20.8	21.3	21.2	21.7	22.1	21.9	22.4	22.3	22.8	23.1
	12H	20.8	21.2	21.2	21.6	22.0	21.9	22.3	22.3	22.7	23.1
8H	4H	20.9	21.4	21.3	21.7	22.1	21.8	22.3	22.2	22.7	23.0
	6H	20.9	21.3	21.3	21.7	22.1	21.9	22.3	22.3	22.7	23.1
	8H	20.8	21.2	21.3	21.6	22.1	21.9	22.3	22.3	22.7	23.1
	12H	20.8	21.1	21.2	21.5	22.0	21.9	22.2	22.3	22.6	23.1
12H	4H	20.8	21.3	21.2	21.7	22.1	21.8	22.2	22.2	22.6	23.0
	6H	20.8	21.2	21.3	21.6	22.1	21.8	22.2	22.3	22.6	23.1
	8H	20.8	21.1	21.3	21.6	22.0	21.9	22.2	22.3	22.6	23.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.8					+ 1.4 / - 1.6				
1.5H		+ 1.6 / - 1.2					+ 2.2 / - 1.3				
2.0H		+ 2.0 / - 1.6					+ 2.3 / - 1.7				

CIE Pub.117, 836.2 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.6)  
Area: 0.0019 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

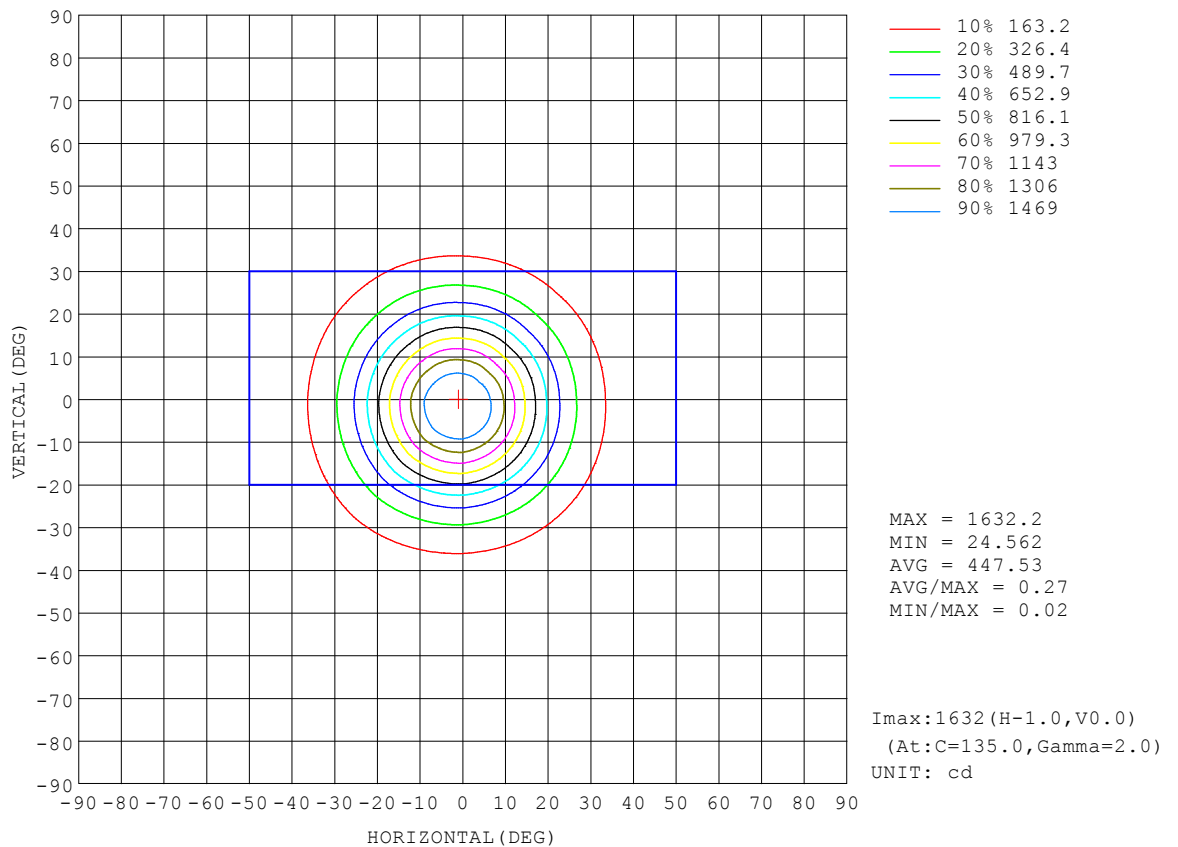
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	91	87	96	90	86	94	90	86	82
1.25	101	96	92	100	95	91	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	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:2024-06-05

$\gamma$  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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



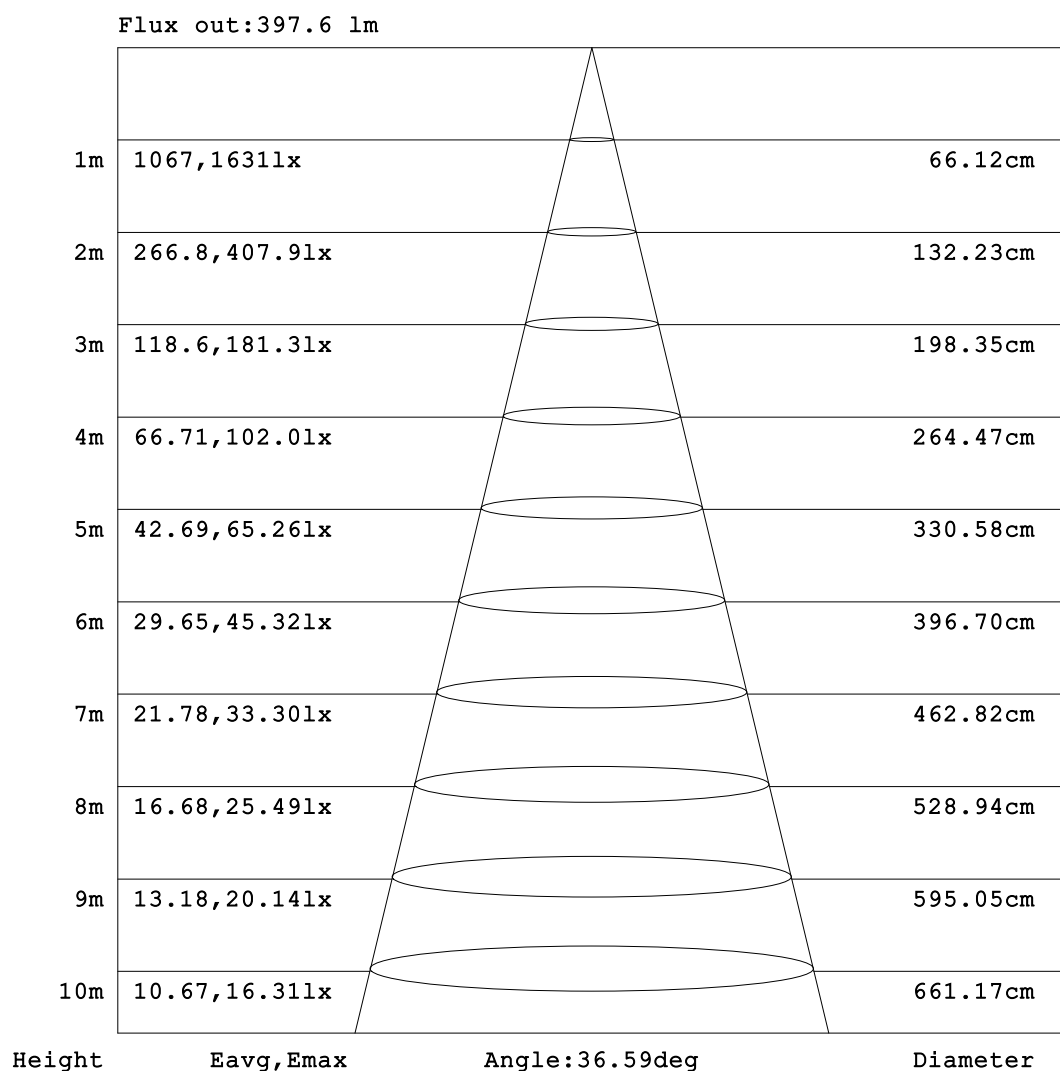
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391		Lamp Flux:836.24lx1 lm
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



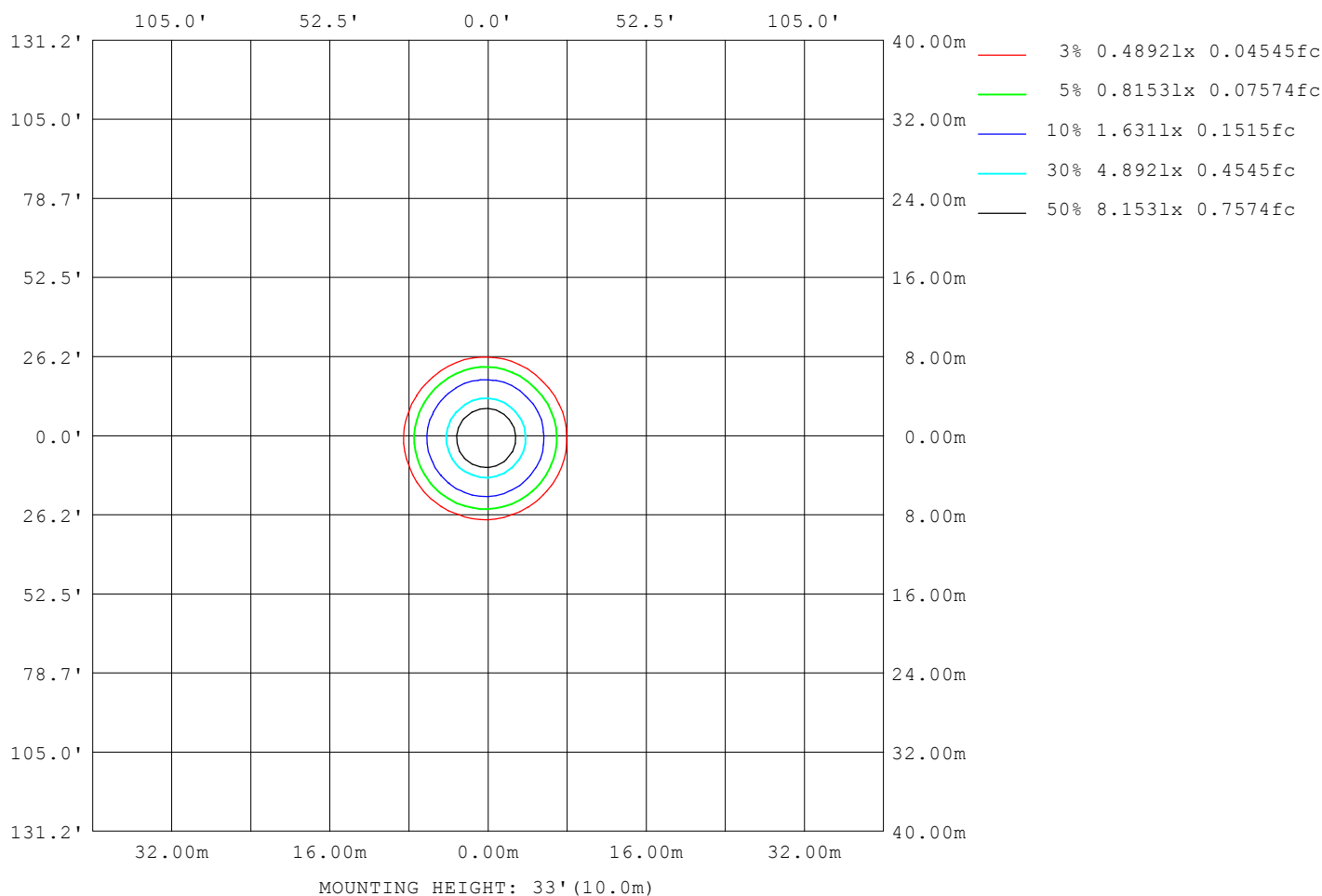
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391		Lamp Flux:836.24lx1 lm
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-06-05

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:240.5V I:0.0457A P:10.1W PF:0.9206 Freq:49.99Hz		
UTHDi:0.18% ITHDi:20.05% KDisp:0.9391 Lamp Flux:836.24lx1 lm		
NAME: DL54-10-PR-01 2700K RA90 36D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

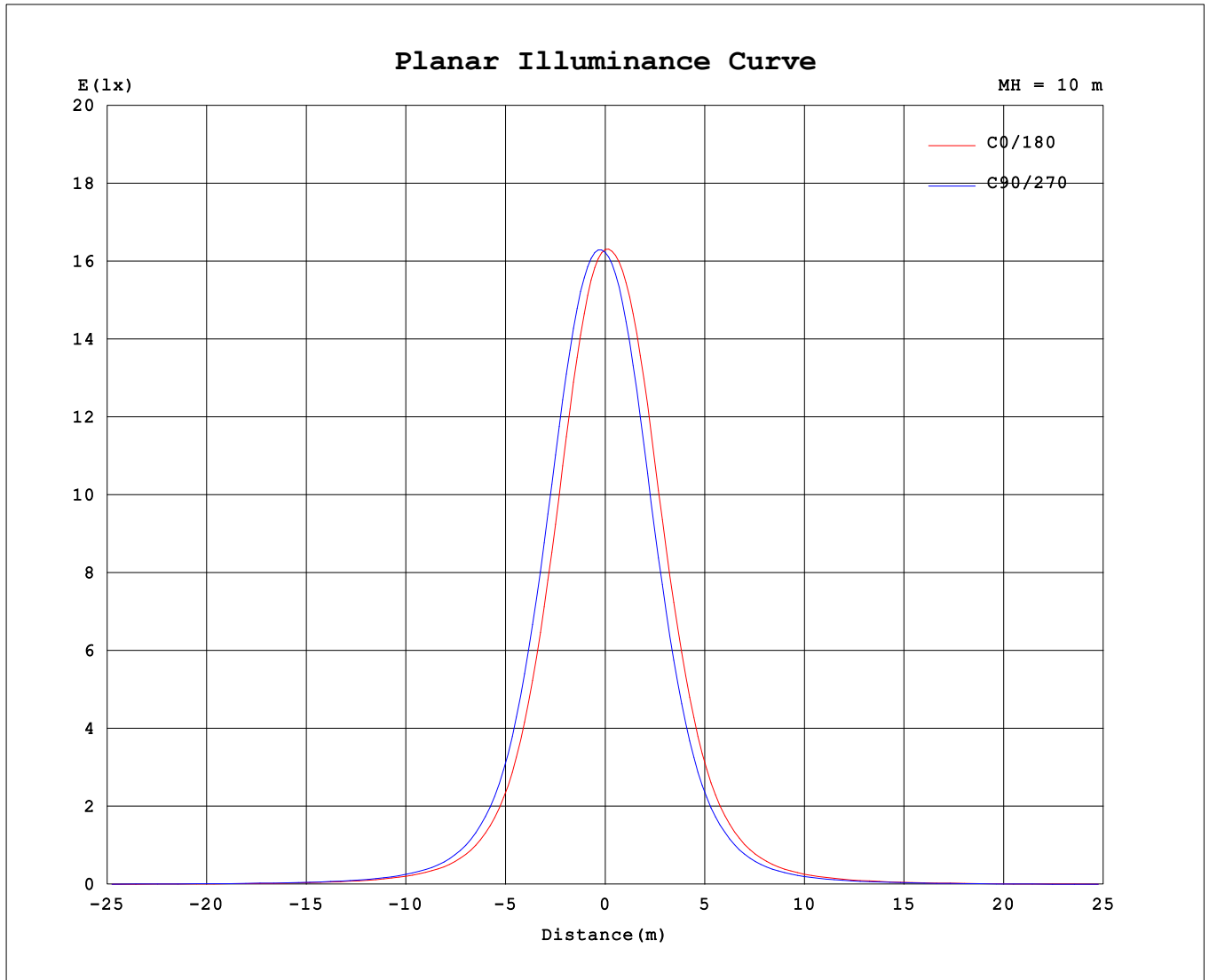
AvgL	cd/m2
L_0~180 (65) av	17303
L_0~180 (75) av	9269
L_0~180 (85) av	1648
L_90~270 (65) av	17076
L_90~270 (75) av	9709
L_90~270 (85) av	2904
L_45 (65) av	16958
L_45 (75) av	9450
L_45 (85) av	2595

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-05

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: 2024-06-05

$\gamma$  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	1625	1625	1625	1625	1625	1625	1625	1625
3.0	1584	1611	1631	1633	1616	1593	1576	1570
6.0	1484	1543	1586	1596	1565	1513	1471	1454
9.0	1334	1417	1484	1505	1463	1382	1319	1292
12.0	1144	1246	1332	1363	1311	1207	1129	1098
15.0	943.0	1042	1141	1181	1117	1007	931.6	900.9
18.0	748.9	843.3	936.4	977.3	918.0	812.7	741.6	713.2
21.0	573.4	656.2	741.6	784.5	728.8	633.9	571.0	542.0
24.0	427.0	491.5	564.0	603.8	559.2	479.9	427.5	402.2
27.0	313.5	360.9	416.9	450.6	416.8	355.6	316.6	295.1
30.0	231.3	263.8	306.6	331.1	308.1	262.4	234.3	217.1
33.0	169.9	194.2	225.4	242.6	227.9	192.8	172.7	159.0
36.0	126.4	143.1	165.0	178.7	168.0	141.9	127.9	117.9
39.0	95.89	107.5	122.7	132.5	125.6	106.0	95.67	89.91
42.0	74.79	82.05	93.97	99.99	95.48	81.21	73.68	69.67
45.0	58.99	63.95	72.85	77.45	73.96	63.03	57.87	55.17
48.0	46.86	50.50	57.41	60.84	58.40	49.60	46.22	44.15
51.0	37.59	40.49	45.65	48.39	46.61	39.56	36.76	35.14
54.0	30.04	32.57	36.83	38.75	37.33	31.60	29.34	27.91
57.0	23.97	26.24	29.72	31.06	29.71	25.36	23.19	22.01
60.0	18.88	20.91	23.85	24.78	23.54	20.11	18.19	17.14
63.0	14.64	16.54	18.94	19.57	18.42	15.63	13.88	13.16
66.0	11.16	12.88	14.82	15.15	14.22	11.71	10.15	9.809
69.0	8.238	9.758	11.32	11.55	10.69	8.595	7.298	7.017
72.0	5.863	7.197	8.419	8.512	7.642	6.138	5.111	4.893
75.0	3.898	5.068	6.091	6.134	5.219	4.173	3.458	3.215
78.0	2.189	3.254	4.127	4.066	3.248	2.659	2.164	1.941
81.0	0.9594	1.804	2.397	2.354	1.673	1.499	1.126	0.9737
84.0	0.2472	0.7864	1.148	1.080	0.6311	0.5792	0.3223	0.2615
87.0	0.0418	0.1473	0.2948	0.2727	0.1030	0.0499	0.0305	0.0287
90.0	0.0307	0.0167	0.0241	0.0155	0.0157	0.0180	0.0290	0.0280

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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: