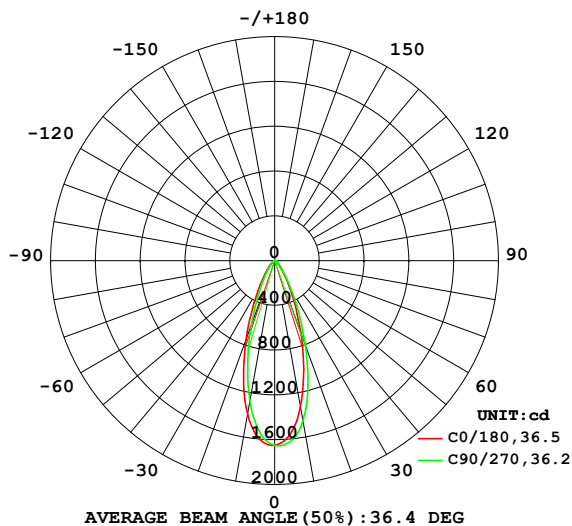


## LUMINAIRE PHOTOMETRIC TEST REPORT

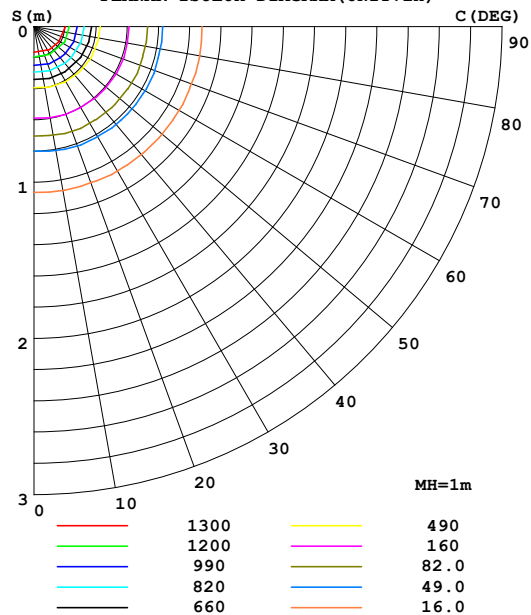
Test:U:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389 Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.40 lm/W
MODEL		I <sub>max</sub> (cd)	1655	S/MH(C0/180)		0.62
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)		0.55
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	810.84	η UP,DN(C0-180)		0.0,53.1
NOMINAL FLUX(lm)	810.841	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,46.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	240.32	η 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:2024-06-06

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1330	1407	1456	1453	1394	1321	1278	1279	0- 10	144.0	144.0	17.8,17.8
20	686.0	761.4	804.4	810.7	748.5	664.2	614.4	626.8	10- 20	285.4	429.3	52.9,52.9
30	254.9	282.8	297.0	304.7	278.3	236.7	213.6	224.5	20- 30	205.8	635.1	78.3,78.3
40	90.27	98.13	99.41	104.3	94.84	81.25	73.70	79.97	30- 40	98.54	733.7	90.5,90.5
50	36.49	38.37	38.82	40.70	36.66	32.88	30.10	32.73	40- 50	44.59	778.3	96,96
60	14.21	15.59	15.73	16.80	15.08	13.57	11.85	12.81	50- 60	21.11	799.4	98.6,98.6
70	4.227	5.243	5.360	5.717	4.801	4.073	3.505	3.685	60- 70	8.769	808.1	99.7,99.7
80	0.5153	0.9884	1.099	1.103	0.7114	0.8047	0.6166	0.5425	70- 80	2.431	810.6	100,100
90	0.0119	0.0032	0.0080	0.0032	0.0042	0.0045	0.0093	0.0071	80- 90	0.2640	810.8	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): 760.07 lm

%lum = 93.7%

%lamp = 93.7%

Conical surface Flux(120deg): 799.38 lm

%lum = 98.6%

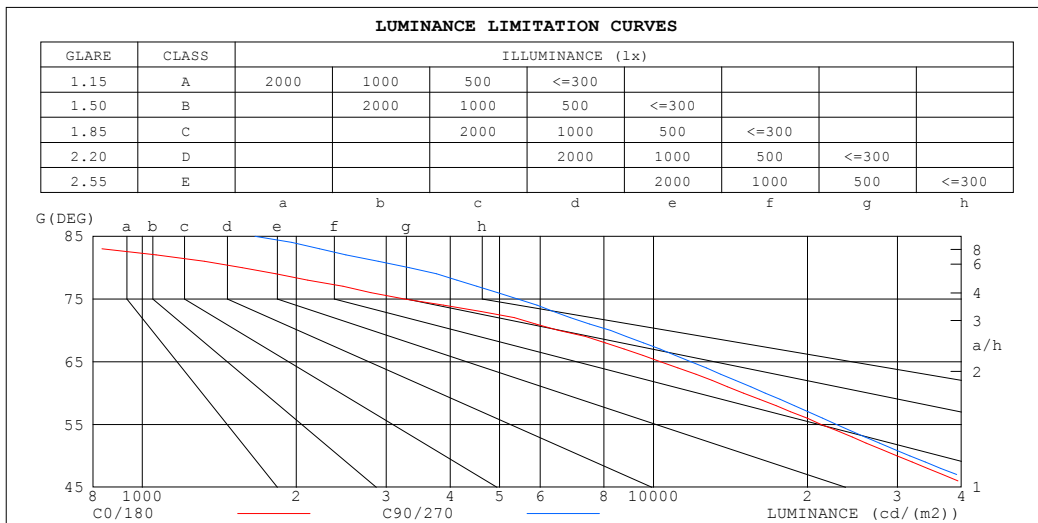
%lamp = 98.6%

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

$\gamma$  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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389 Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



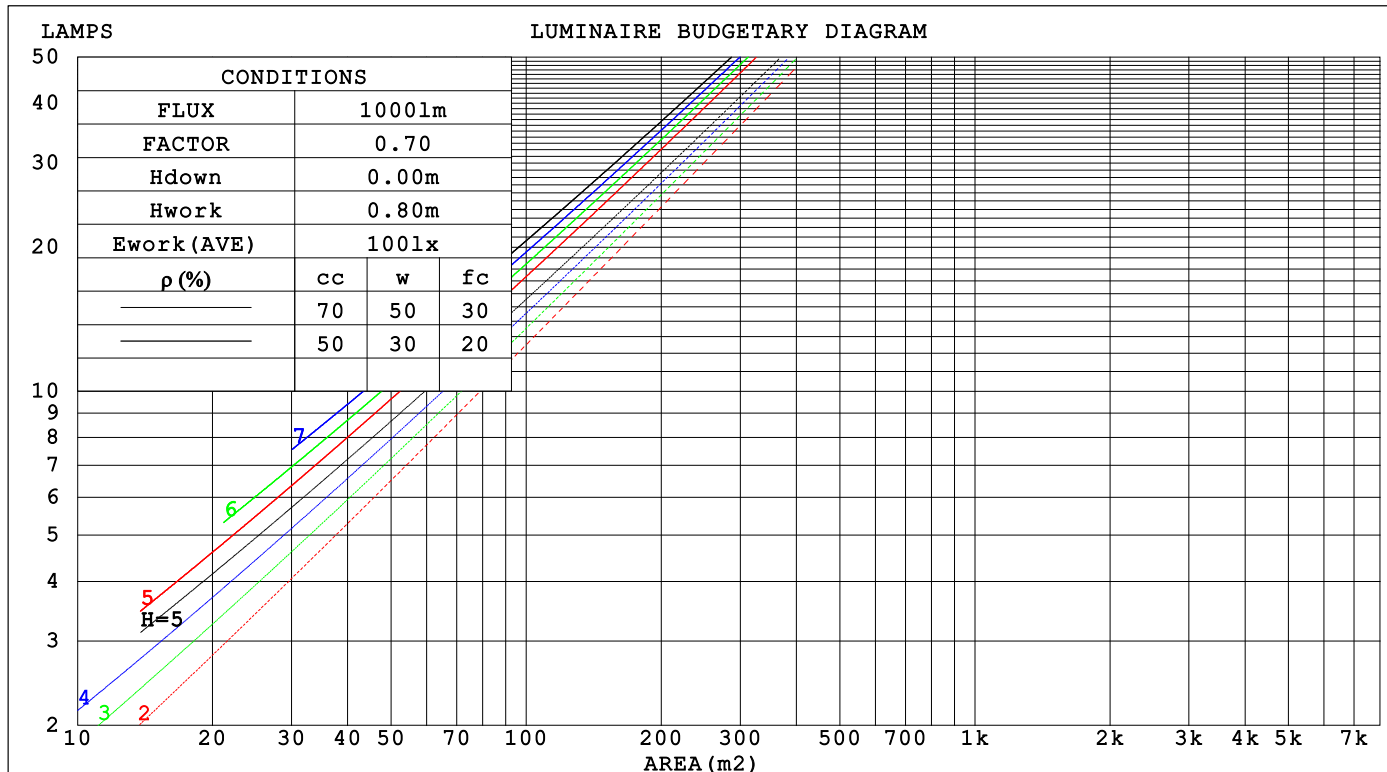
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-06-06

$\gamma$  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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389		
Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	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	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88														
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.87	.84	.83														
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.80	.85	.82	.79	.78														
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74														
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.79	.75	.71	.77	.74	.71	.70														
7.0	.78	.73	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66														
8.0	.74	.69	.65	.74	.69	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.63														
9.0	.71	.65	.62	.70	.65	.62	.69	.65	.62	.69	.64	.61	.68	.64	.61	.60														
10.0	.68	.62	.59	.67	.62	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57														



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

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz			UTHDi:0.17% ITHDi:19.97% KDisp:0.9389			Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK			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	.170	.097	.031	.163	.093	.030	.151	.087	.028	.139	.080	.026	.129	.075	.024		
2.0	.162	.089	.027	.156	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023		
3.0	.153	.082	.024	.149	.080	.024	.140	.076	.023	.131	.072	.022	.124	.069	.021		
4.0	.145	.075	.022	.141	.074	.022	.134	.071	.021	.126	.068	.020	.120	.065	.020		
5.0	.138	.070	.020	.134	.069	.020	.128	.066	.020	.121	.064	.019	.116	.062	.019		
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.111	.059	.017		
7.0	.125	.062	.017	.122	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.116	.057	.016	.112	.056	.016	.108	.055	.016	.104	.053	.015		
9.0	.114	.055	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015	.100	.051	.015		
10.0	.109	.052	.014	.107	.052	.014	.103	.051	.014	.100	.050	.014	.096	.049	.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	.087	.057	.054	.050	.018	.017	.016		
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013		
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011		
4.0	.131	.099	.074	.113	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009		
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007		
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006		
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005		
8.0	.101	.063	.037	.087	.055	.032	.060	.039	.023	.035	.023	.014	.011	.007	.005		
9.0	.096	.058	.032	.083	.050	.028	.057	.035	.020	.033	.021	.012	.011	.007	.004		
10.0	.091	.054	.028	.079	.046	.025	.055	.033	.018	.032	.019	.010	.010	.006	.003		

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

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz											
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389						Lamp Flux:810.84lx1 lm					
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK						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	20.0	20.9	20.3	21.1	21.2	20.4	21.3	20.6	21.5	21.6
	3H	20.1	20.9	20.3	21.1	21.3	20.5	21.3	20.7	21.5	21.7
	4H	20.0	20.8	20.3	21.0	21.2	20.4	21.2	20.7	21.4	21.6
	6H	19.9	20.6	20.2	20.9	21.1	20.4	21.1	20.7	21.3	21.6
	8H	19.9	20.6	20.2	20.8	21.1	20.3	21.0	20.6	21.3	21.5
	12H	19.8	20.5	20.1	20.8	21.0	20.3	21.0	20.6	21.2	21.5
4H	2H	20.0	20.8	20.3	21.0	21.2	20.4	21.1	20.6	21.4	21.6
	3H	20.1	20.7	20.4	21.0	21.3	20.5	21.1	20.8	21.4	21.7
	4H	20.0	20.6	20.4	20.9	21.2	20.4	21.0	20.8	21.3	21.6
	6H	19.9	20.5	20.3	20.8	21.1	20.4	20.9	20.8	21.2	21.6
	8H	19.9	20.4	20.3	20.7	21.1	20.3	20.8	20.7	21.2	21.5
	12H	19.8	20.3	20.2	20.7	21.0	20.3	20.7	20.7	21.1	21.5
8H	4H	19.9	20.4	20.3	20.8	21.1	20.3	20.8	20.7	21.2	21.5
	6H	19.8	20.2	20.3	20.6	21.0	20.3	20.7	20.7	21.1	21.5
	8H	19.8	20.1	20.2	20.6	21.0	20.2	20.6	20.7	21.0	21.4
	12H	19.7	20.0	20.2	20.5	20.9	20.2	20.5	20.6	20.9	21.4
12H	4H	19.9	20.3	20.3	20.7	21.1	20.3	20.7	20.7	21.1	21.5
	6H	19.8	20.1	20.2	20.6	21.0	20.2	20.6	20.7	21.0	21.4
	8H	19.7	20.0	20.2	20.5	20.9	20.2	20.5	20.6	20.9	21.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.7 / - 3.2					+ 1.9 / - 3.0				
1.5H		+ 2.5 / - 2.1					+ 2.9 / - 2.2				
2.0H		+ 3.0 / - 2.9					+ 3.1 / - 2.8				

CIE Pub.117, 810.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.7)  
Area: 0.0019 m2

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

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389 Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

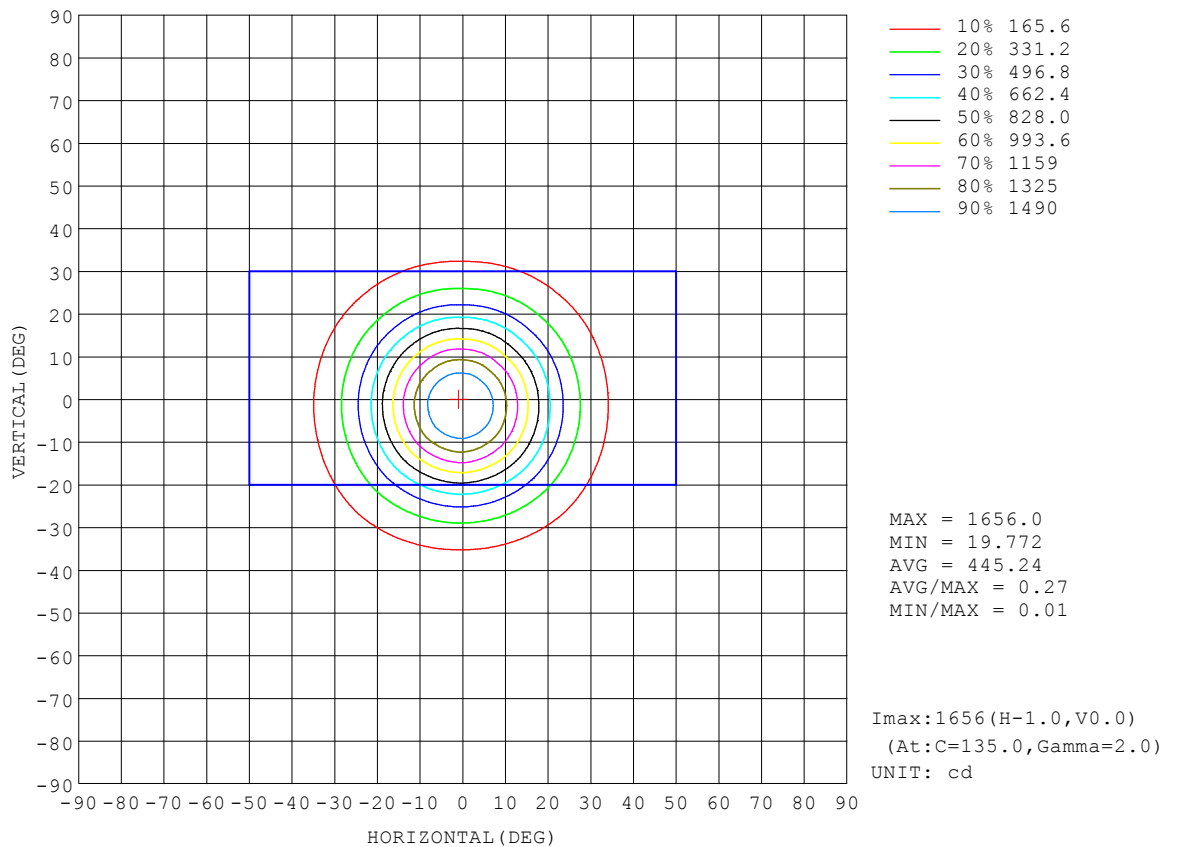
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	96	92	88	83
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	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: 2024-06-06

$\gamma$  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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389 Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



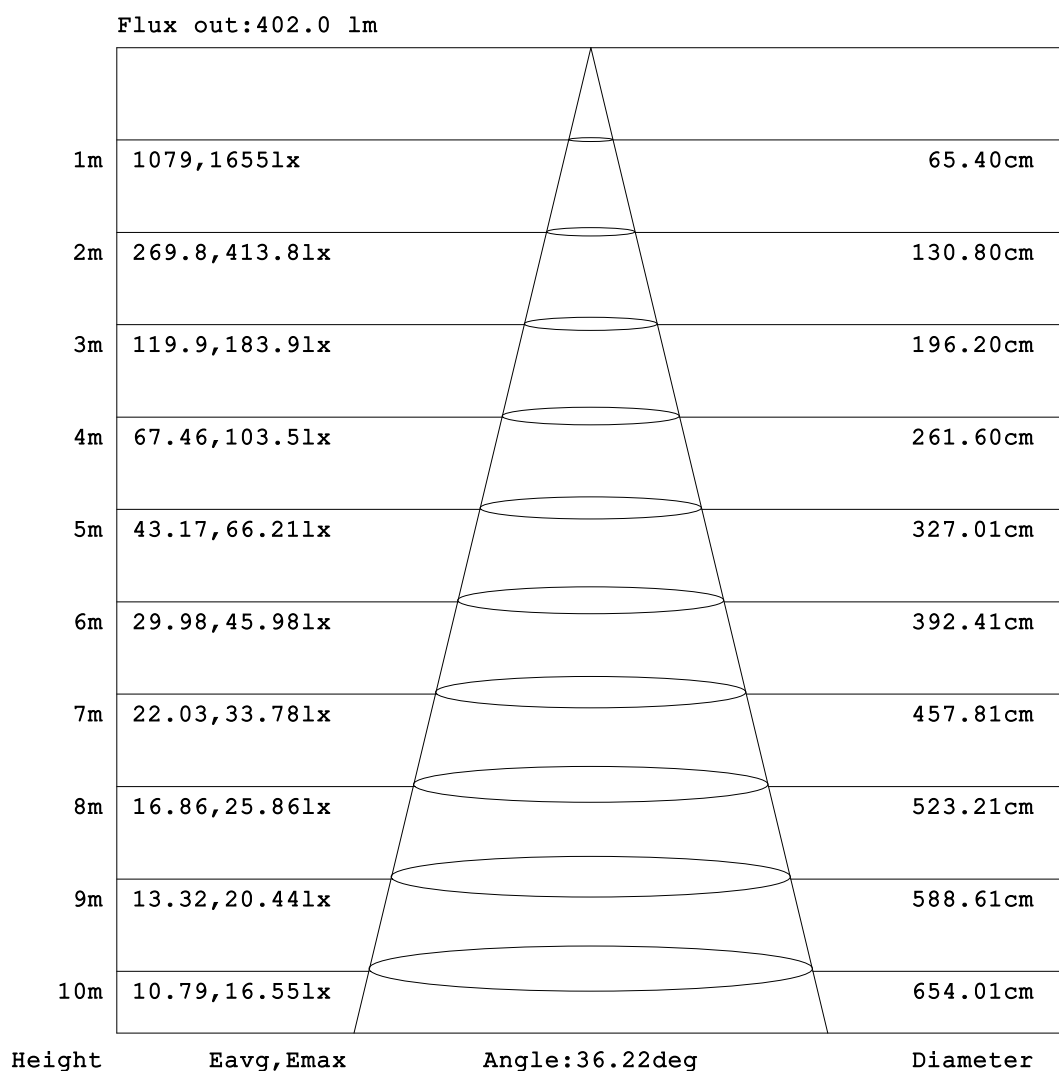
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-06-06

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389		Lamp Flux:810.84lx1 lm
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



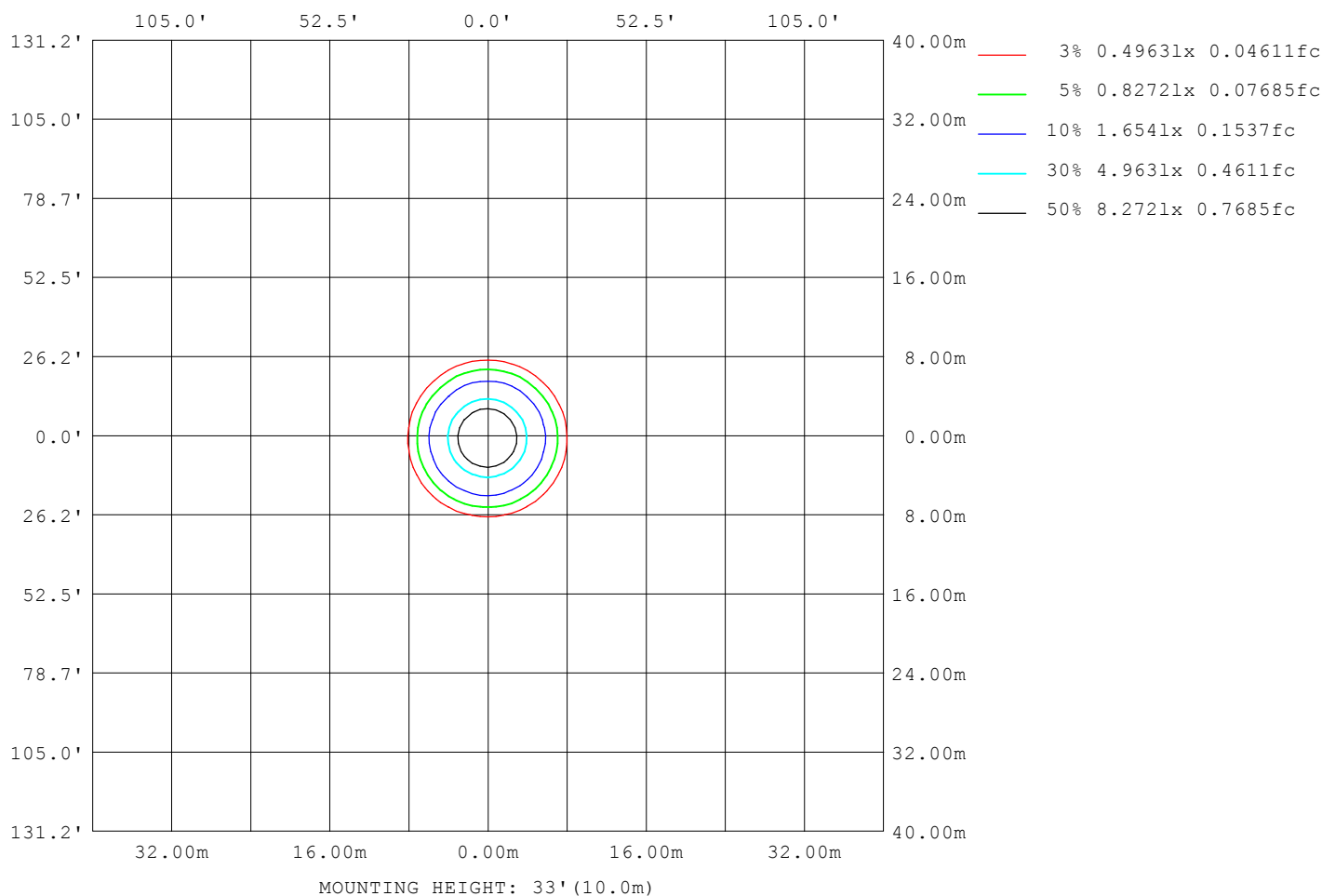
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389		Lamp Flux:810.84lx1 lm
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	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:2024-06-06

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:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.97% KDisp:0.9389 Lamp Flux:810.84lx1 lm		
NAME: DL54-10-PR-01 3000K RA90 36D MAX BLACK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

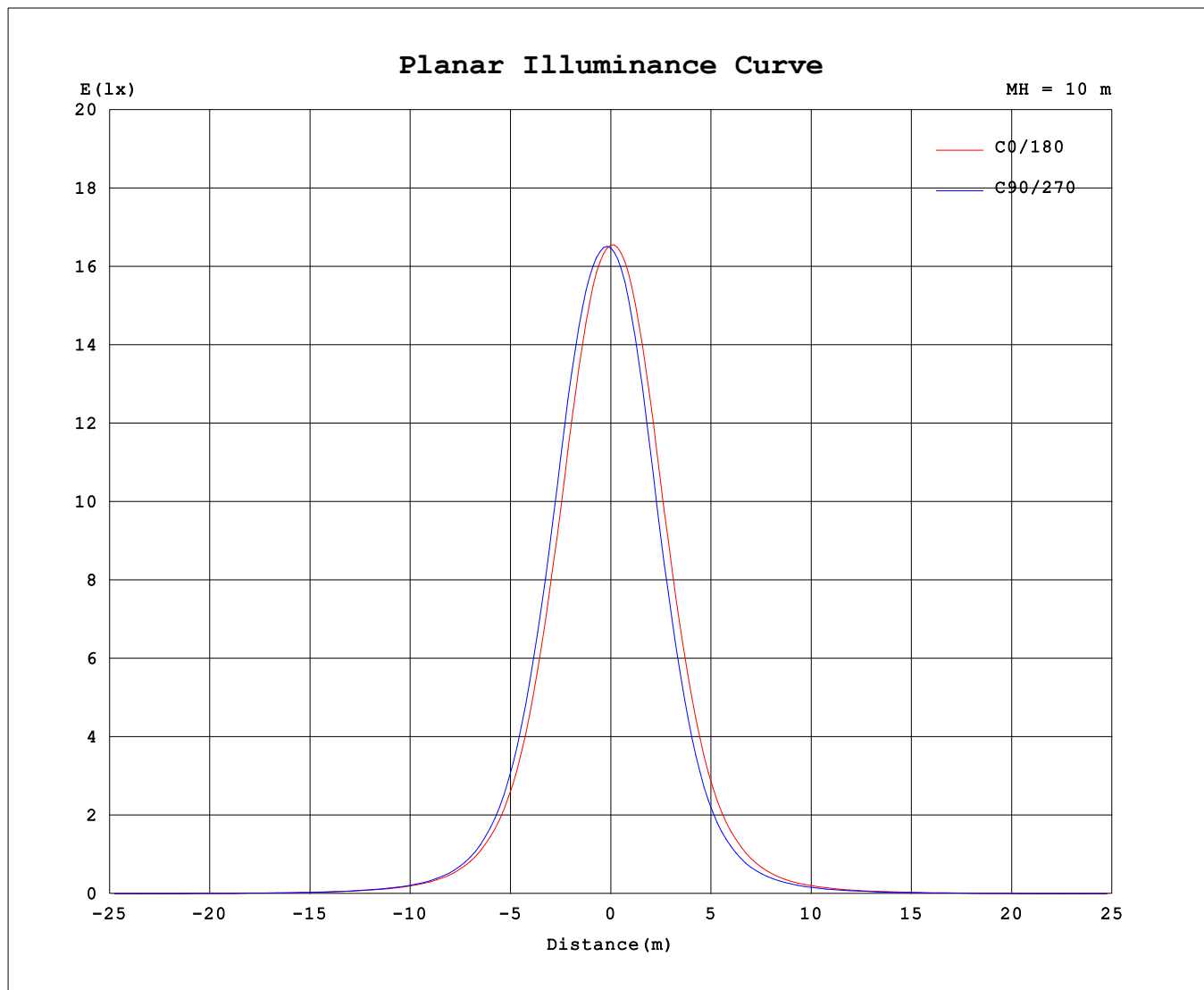
AvgL	cd/m2
L_0~180 (65) av	10787
L_0~180 (75) av	3906
L_0~180 (85) av	633
L_90~270 (65) av	10196
L_90~270 (75) av	4306
L_90~270 (85) av	1051
L_45 (65) av	10897
L_45 (75) av	4511
L_45 (85) av	1028

Standard: GB/T 29293-2012

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

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: 2024-06-06

$\gamma$  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	1649	1649	1649	1649	1649	1649	1649	1649
3.0	1614	1633	1648	1650	1636	1617	1603	1602
6.0	1527	1572	1602	1601	1569	1524	1497	1497
9.0	1387	1456	1501	1499	1446	1379	1341	1340
12.0	1207	1293	1350	1347	1279	1193	1142	1144
15.0	1005	1092	1150	1151	1079	989.1	932.4	938.1
18.0	810.7	890.7	939.0	942.7	877.3	789.3	737.7	746.4
21.0	627.0	699.1	740.5	747.6	686.5	605.0	556.6	570.2
24.0	470.8	526.4	560.9	568.8	519.2	447.6	407.4	422.9
27.0	347.8	387.1	411.9	418.9	381.9	326.0	293.8	309.0
30.0	254.9	282.8	297.0	304.7	278.3	236.7	213.6	224.5
33.0	185.5	206.5	213.0	223.1	203.1	170.0	152.9	162.8
36.0	134.6	148.9	152.2	160.4	146.1	122.2	110.6	118.5
39.0	98.89	108.6	110.4	115.8	105.5	90.08	81.39	87.98
42.0	74.41	80.28	81.64	85.21	77.05	66.96	60.86	66.41
45.0	56.66	60.37	61.10	63.56	57.94	50.80	46.25	50.83
48.0	43.56	45.94	46.41	48.46	44.03	39.11	35.78	39.18
51.0	33.34	35.05	35.47	37.40	33.53	30.13	27.60	30.02
54.0	25.44	26.95	27.14	28.77	25.89	23.20	20.97	22.92
57.0	19.11	20.65	20.78	22.08	19.91	17.92	15.83	17.32
60.0	14.21	15.59	15.73	16.80	15.08	13.57	11.85	12.81
63.0	10.41	11.53	11.69	12.64	11.29	9.990	8.629	9.309
66.0	7.348	8.418	8.530	9.209	8.077	7.022	6.066	6.587
69.0	4.998	5.910	6.033	6.466	5.534	4.682	4.002	4.225
72.0	3.127	3.934	4.040	4.287	3.704	3.054	2.573	2.718
75.0	1.599	2.533	2.672	2.804	2.243	1.912	1.563	1.625
78.0	0.8302	1.561	1.632	1.680	1.123	1.164	0.8932	0.8785
81.0	0.3917	0.7680	0.8604	0.8636	0.5508	0.6518	0.5047	0.4194
84.0	0.1210	0.3142	0.3898	0.4116	0.2062	0.2533	0.1776	0.1348
87.0	0.0203	0.0555	0.1017	0.1018	0.0334	0.0107	0.0125	0.0084
90.0	0.0119	0.0032	0.0080	0.0032	0.0042	0.0045	0.0093	0.0071

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
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Operators:DAMIN  
Test Date:2024-06-06

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: