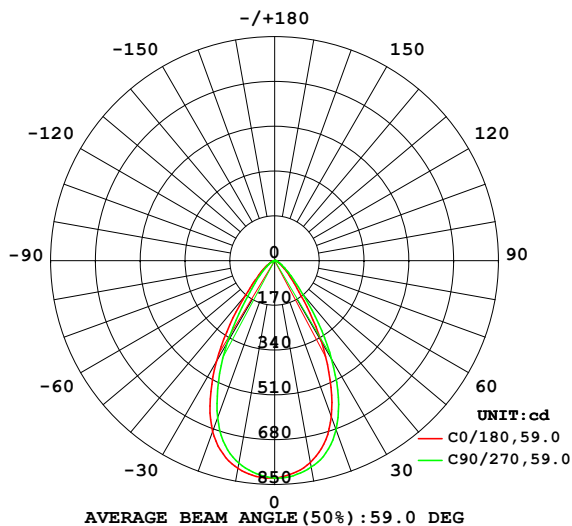


LUMINAIRE PHOTOMETRIC TEST REPORT

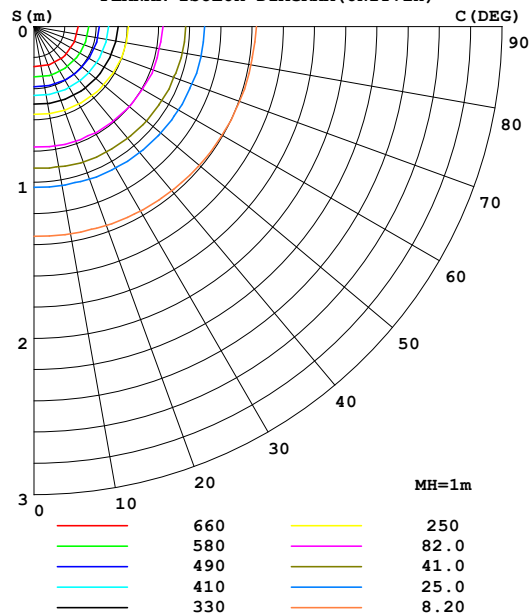
Test:U:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.88 lm/W
MODEL		I _{max} (cd)	826.4	S/MH(C0/180)	0.93	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.85	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	816.74	η UP,DN(C0-180)	0.0,51.2	
NOMINAL FLUX(lm)	816.737	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.8	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	240.4	η down (%)	100.0	CIBSE SHR MAX	0.90	

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

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	778.4	788.3	796.0	802.8	801.2	792.8	781.6	776.2	0- 10	77.04	77.04	9.43,9.43
20	628.8	657.5	682.0	695.7	688.8	662.6	633.9	620.4	10- 20	206.4	283.5	34.7,34.7
30	354.7	391.5	434.7	457.0	443.1	394.7	359.5	340.0	20- 30	243.9	527.3	64.6,64.6
40	123.3	142.6	166.0	184.2	172.8	142.9	127.3	119.0	30- 40	160.3	687.6	84.2,84.2
50	50.48	57.15	65.69	70.38	67.24	56.35	51.48	48.30	40- 50	72.64	760.3	93.1,93.1
60	20.92	23.98	27.77	29.23	28.04	23.29	20.83	19.69	50- 60	34.62	794.9	97.3,97.3
70	7.630	9.242	10.80	11.63	10.86	8.536	7.251	6.811	60- 70	15.53	810.4	99.2,99.2
80	1.369	2.357	3.084	3.367	2.519	2.206	1.664	1.421	70- 80	5.533	816.0	99.9,99.9
90	0.0243	0.0161	0.0207	0.0197	0.0141	0.0250	0.0273	0.0297	80- 90	0.7791	816.7	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): 730.64 lm

%lum = 89.5%

%lamp = 89.5%

Conical surface Flux(120deg): 794.89 lm

%lum = 97.3%

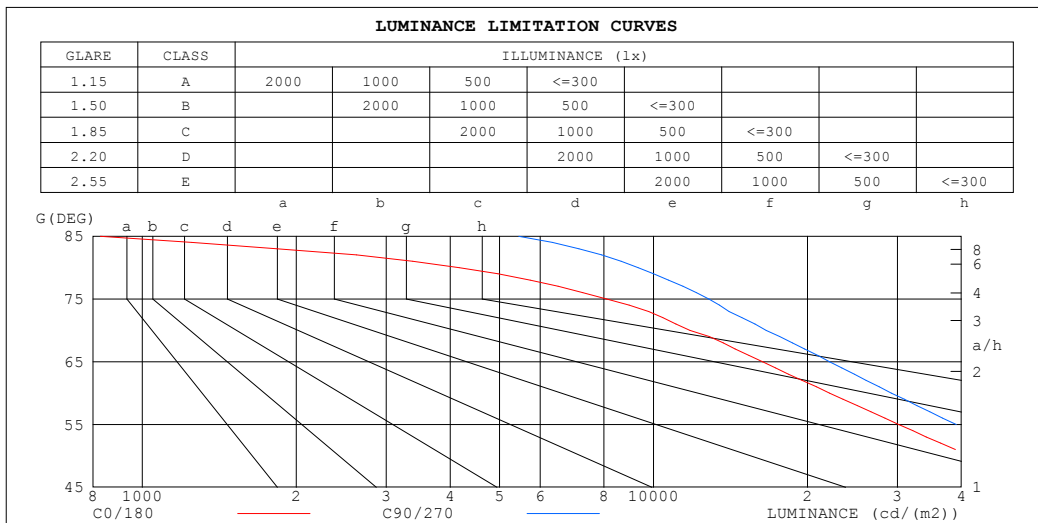
%lamp = 97.3%

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:

LUMINANCE LIMITATION CURVES

Test:U:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	827	5445
80	4166	9336
75	8098	12830
70	11784	16600
65	16338	22092
60	22098	29201
55	30182	39124
50	41484	53722
45	58363	75528

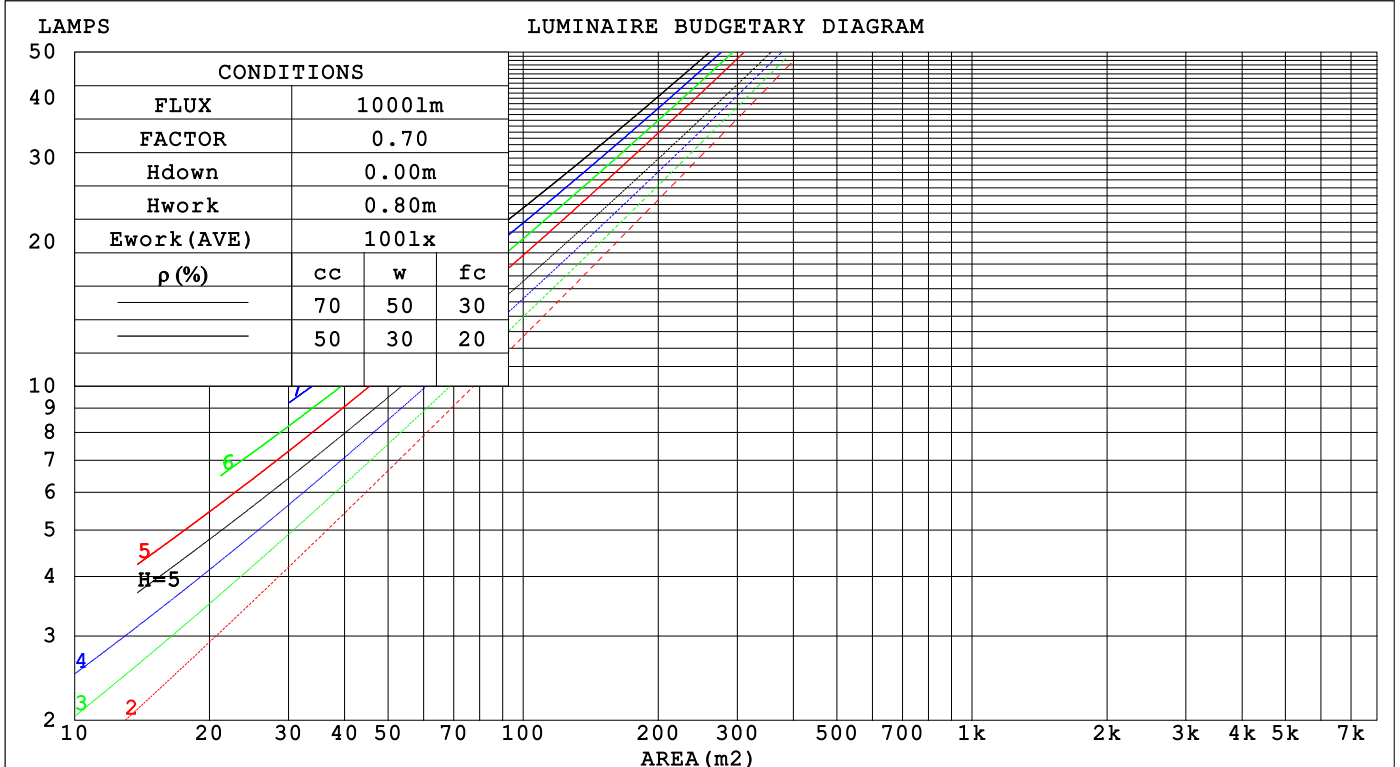
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

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:

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:19.96% KDisp:0.9388		
Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D 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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.00	.96	.92	.96	.93	.90	.93	.91	.88	.91	.88	.86	.85
3.0	.94	.88	.84	.92	.87	.83	.90	.85	.82	.87	.84	.81	.85	.82	.79	.78
4.0	.87	.81	.76	.86	.80	.76	.84	.79	.75	.82	.77	.74	.80	.76	.73	.72
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.76	.72	.68	.75	.71	.68	.66
6.0	.76	.69	.64	.75	.69	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.61
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.67	.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	.55	.51	.50
10.0	.59	.53	.49	.58	.53	.49	.58	.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:2024-06-05

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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz			UTHDi:0.17% ITHDi:19.96% KDisp:0.9388			Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D 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	.194	.110	.035	.187	.107	.034	.174	.100	.032	.163	.094	.030	.152	.088	.028		
2.0	.187	.102	.031	.181	.100	.031	.170	.095	.029	.160	.090	.028	.151	.086	.027		
3.0	.178	.095	.028	.173	.093	.028	.164	.089	.027	.155	.085	.026	.147	.081	.025		
4.0	.169	.088	.026	.165	.086	.025	.157	.083	.025	.149	.080	.024	.142	.077	.024		
5.0	.160	.082	.024	.157	.080	.023	.150	.078	.023	.143	.075	.022	.137	.073	.022		
6.0	.152	.076	.022	.149	.075	.022	.143	.073	.021	.137	.071	.021	.132	.069	.021		
7.0	.145	.072	.020	.142	.071	.020	.137	.069	.020	.131	.067	.020	.127	.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	.059	.017		
10.0	.126	.060	.017	.124	.060	.017	.120	.059	.017	.116	.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	.085	.058	.054	.050	.019	.017	.016		
2.0	.158	.132	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013		
3.0	.147	.114	.087	.126	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010		
4.0	.137	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008		
5.0	.129	.088	.058	.111	.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:2024-06-05

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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz UTHDi:0.17% ITHDi:19.96% KDisp:0.9388Lamp Flux:816.737x1 lm										
NAME: DL54-10-PR-01 2700K RA90 60D 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	22.6	23.6	22.8	23.8	24.0	23.6	24.7	23.9	24.9	25.0
3H	22.6	23.6	22.9	23.8	24.0	23.8	24.7	24.0	24.9	25.1
4H	22.6	23.5	22.9	23.7	24.0	23.8	24.7	24.0	24.9	25.1
6H	22.6	23.4	22.9	23.6	23.9	23.7	24.6	24.0	24.8	25.1
8H	22.5	23.3	22.8	23.6	23.9	23.7	24.5	24.0	24.8	25.0
12H	22.5	23.2	22.8	23.5	23.8	23.7	24.4	24.0	24.7	25.0
4H 2H	22.6	23.5	22.9	23.7	23.9	23.6	24.5	23.8	24.7	24.9
3H	22.7	23.5	23.0	23.8	24.0	23.7	24.5	24.1	24.8	25.1
4H	22.7	23.4	23.1	23.7	24.0	23.8	24.5	24.1	24.8	25.1
6H	22.7	23.3	23.1	23.6	24.0	23.8	24.4	24.2	24.7	25.1
8H	22.6	23.2	23.0	23.6	23.9	23.8	24.3	24.2	24.7	25.1
12H	22.6	23.1	23.0	23.5	23.9	23.7	24.3	24.1	24.6	25.0
8H 4H	22.7	23.2	23.0	23.6	24.0	23.7	24.3	24.1	24.6	25.0
6H	22.6	23.1	23.1	23.5	23.9	23.7	24.2	24.1	24.6	25.0
8H	22.6	23.0	23.0	23.4	23.9	23.7	24.1	24.2	24.5	25.0
12H	22.5	22.9	23.0	23.3	23.8	23.7	24.0	24.1	24.5	24.9
12H 4H	22.6	23.1	23.0	23.5	23.9	23.7	24.2	24.1	24.6	24.9
6H	22.6	23.0	23.0	23.4	23.9	23.7	24.1	24.1	24.5	24.9
8H	22.5	22.9	23.0	23.3	23.8	23.7	24.0	24.1	24.5	24.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.5 / - 2.7					+ 2.1 / - 2.5				
1.5H	+ 2.2 / - 1.8					+ 3.2 / - 2.1				
2.0H	+ 2.6 / - 2.2					+ 3.0 / - 2.4				

CIE Pub.117, 816.7 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:2024-06-05

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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

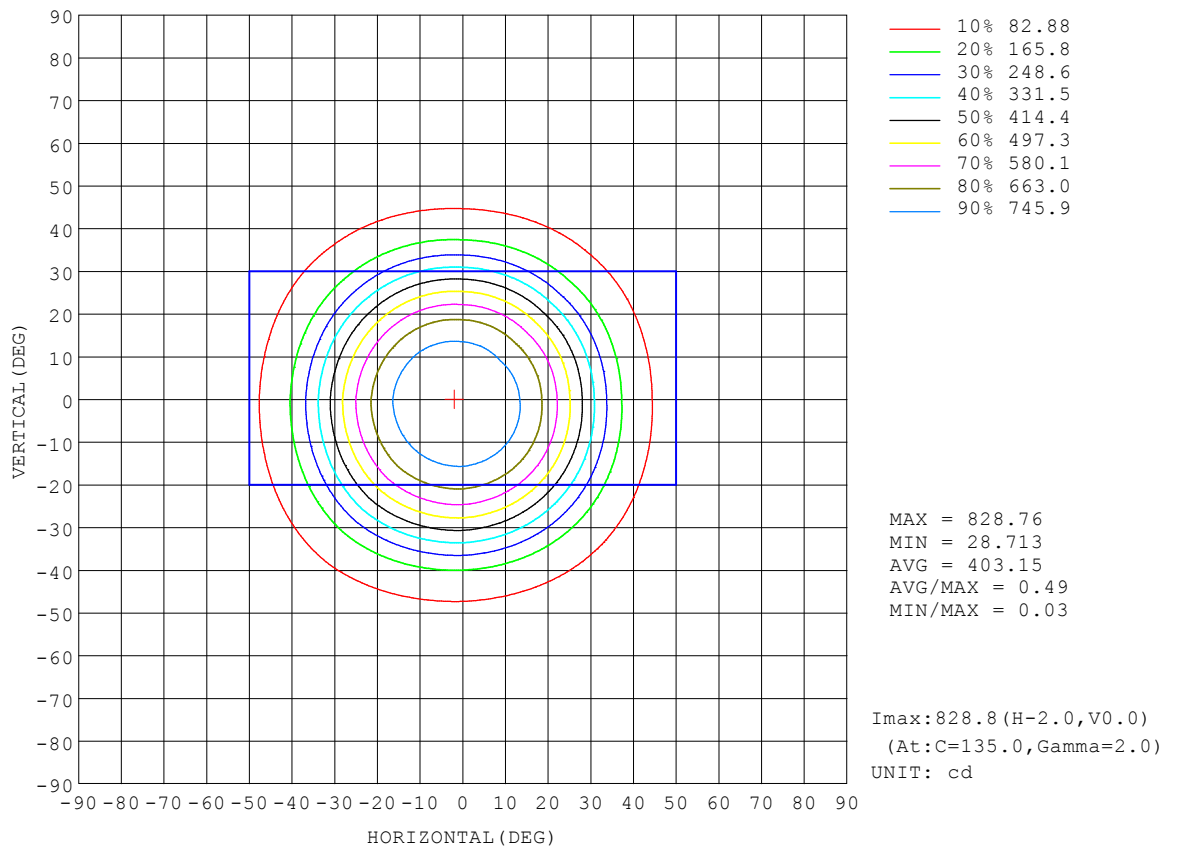
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	65
0.80	90	83	78	89	82	78	88	82	78	74
1.00	95	89	84	94	88	84	93	88	84	79
1.25	100	94	90	99	93	89	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	107	102	98	105	101	97	102	99	96	90
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	103	109	105	102	105	102	100	93
4.00	113	109	107	111	108	106	107	105	103	95
5.00	114	111	109	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:2024-06-05

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:

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

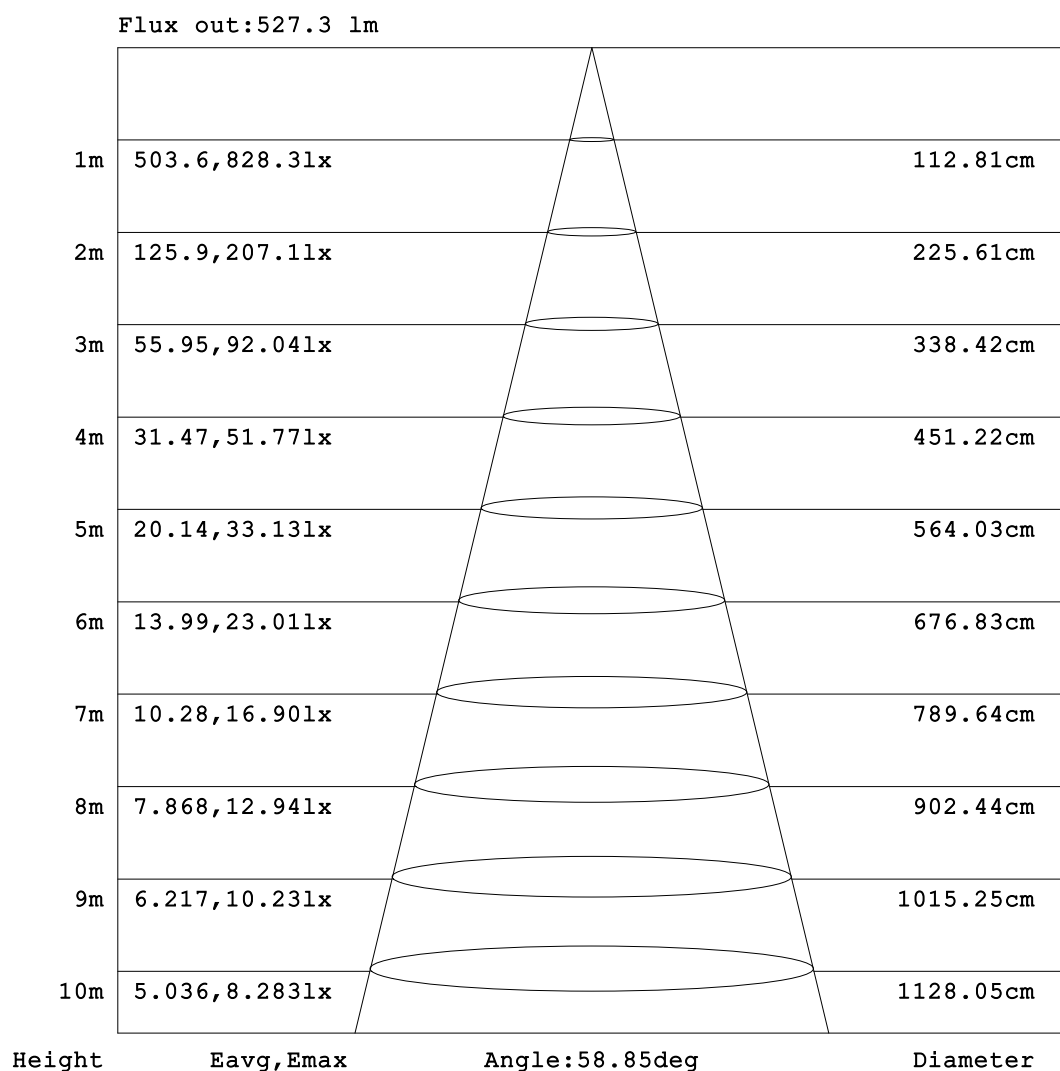


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-06-05

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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388		Lamp Flux:816.737x1 lm
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:



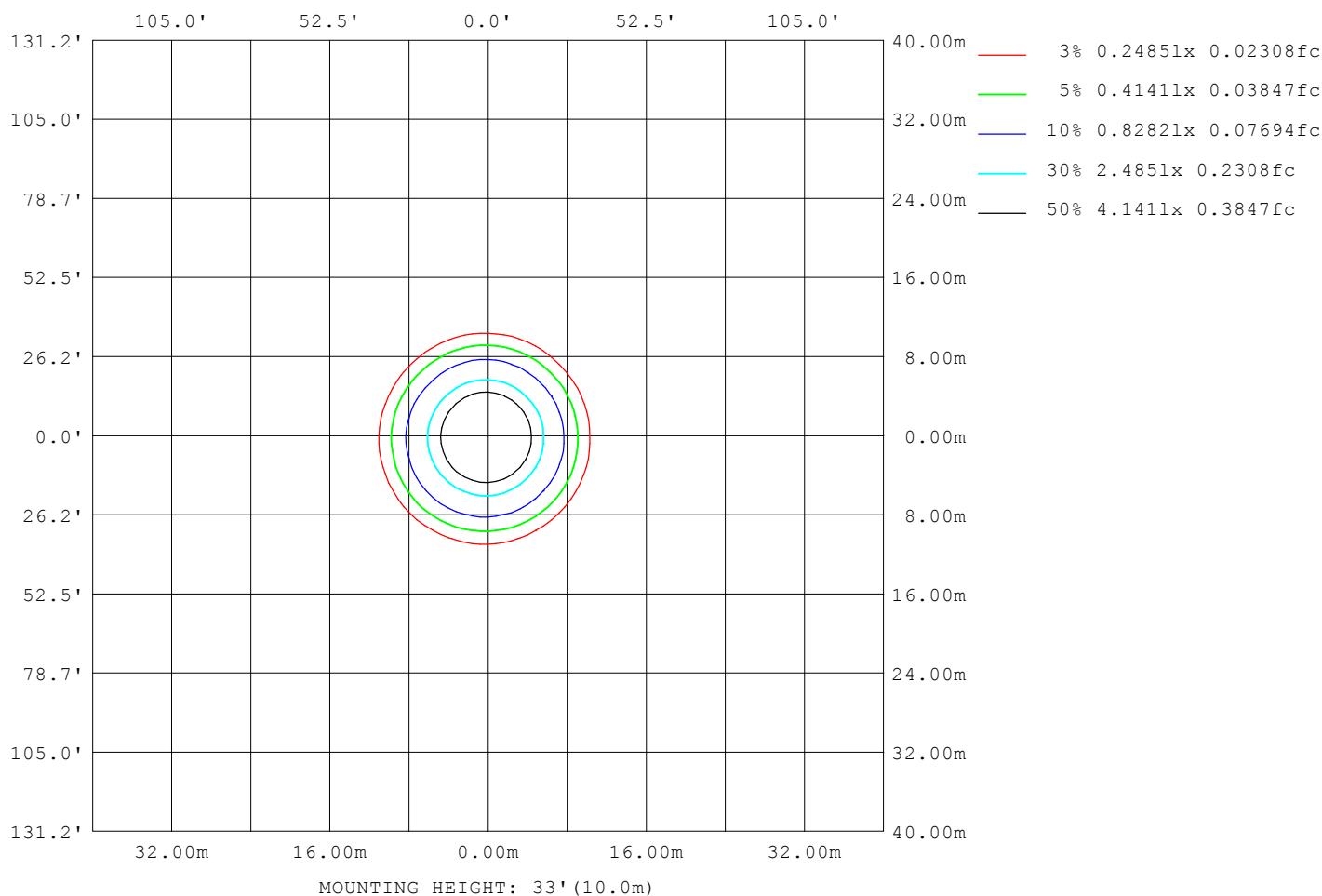
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388		Lamp Flux:816.737x1 lm
NAME: DL54-10-PR-01 2700K RA90 60D 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:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

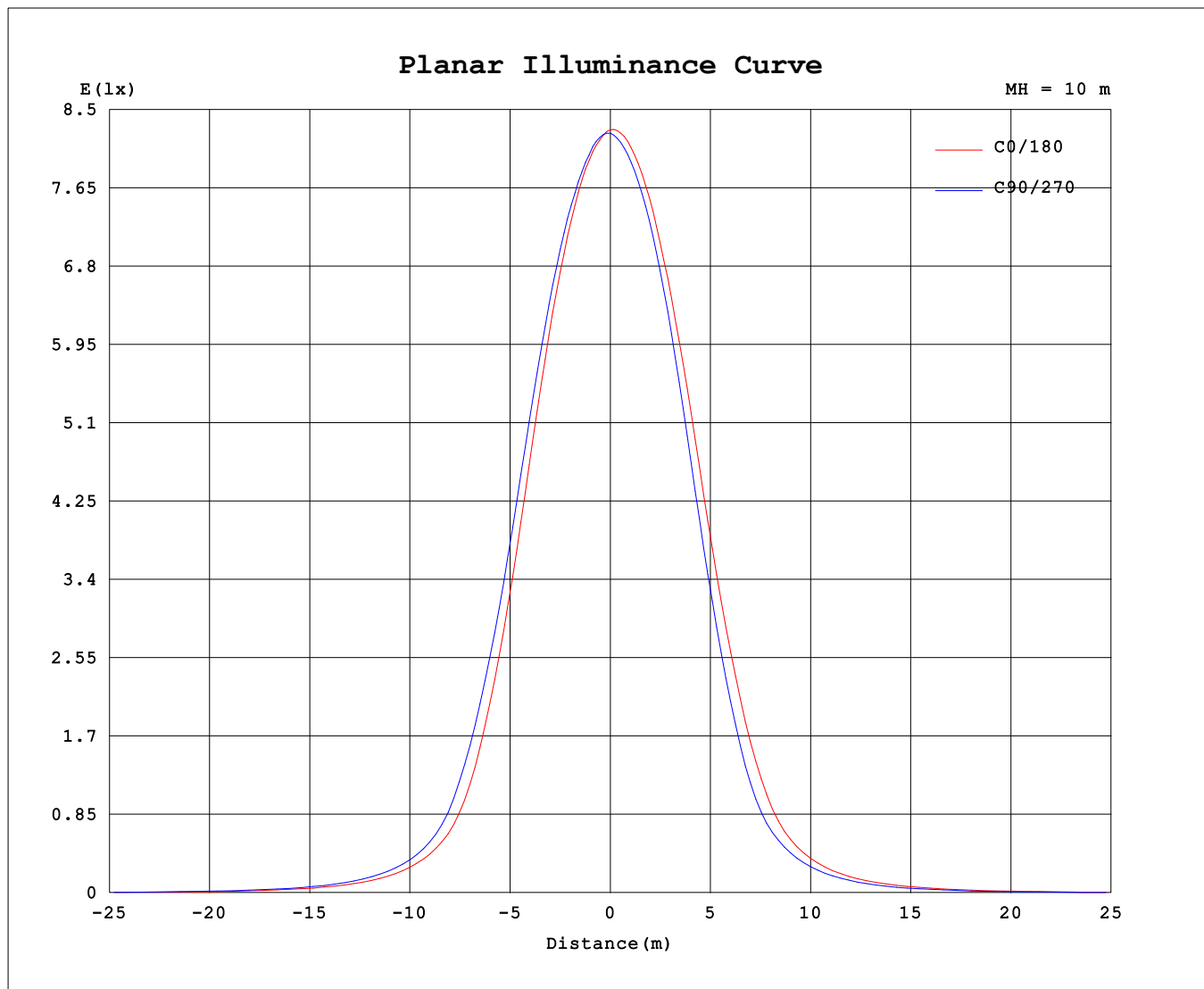
AvgL	cd/m2
L_0~180 (65) av	19230
L_0~180 (75) av	10004
L_0~180 (85) av	1925
L_90~270 (65) av	18999
L_90~270 (75) av	10460
L_90~270 (85) av	3313
L_45 (65) av	18994
L_45 (75) av	10313
L_45 (85) av	3206

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

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:

Test:U:240.4V I:0.0456A P:10.1W PF:0.9204 Freq:49.99Hz UTHDi:0.17% ITHDi:19.96% KDisp:0.9388 Lamp Flux:816.737x1 lm		
NAME: DL54-10-PR-01 2700K RA90 60D MAX WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 50mm	Shielding Angle:

UNIT: cd

[illegible]

```

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	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2
3.0	817.3	821.1	824.2	826.2	824.8	821.5	818.7	816.6
6.0	805.3	810.4	815.5	820.0	818.6	813.3	806.6	805.2
9.0	786.6	794.3	802.2	808.0	806.8	799.5	788.4	785.0
12.0	759.0	773.4	783.1	790.2	787.9	777.1	762.6	755.0
15.0	722.4	740.2	755.1	762.4	759.1	746.1	726.2	715.6
18.0	671.2	695.2	715.8	725.8	720.8	700.8	676.3	663.8
21.0	605.8	636.5	663.1	678.8	670.3	640.5	610.1	596.0
24.0	526.9	562.4	597.1	615.9	604.3	567.0	532.6	515.8
27.0	441.7	478.4	519.2	539.6	526.7	483.1	448.0	429.1
30.0	354.7	391.5	434.7	457.0	443.1	394.7	359.5	340.0
33.0	267.2	306.8	349.1	371.1	355.3	306.4	271.0	251.1
36.0	190.2	227.0	263.5	285.4	268.6	222.9	192.8	178.4
39.0	136.1	158.6	185.7	207.5	193.5	158.4	140.0	131.0
42.0	102.2	117.1	135.1	148.4	140.5	117.6	105.6	98.82
45.0	78.13	88.57	101.6	111.1	105.6	89.09	80.21	75.53
48.0	59.87	67.68	78.13	84.08	80.17	67.69	61.43	57.86
51.0	46.39	52.39	60.17	64.42	61.69	51.62	47.15	44.17
54.0	35.79	40.52	46.59	49.45	47.58	39.58	35.97	33.81
57.0	27.44	31.22	35.95	38.10	36.66	30.34	27.46	25.85
60.0	20.92	23.98	27.77	29.23	28.04	23.29	20.83	19.69
63.0	15.80	18.33	21.34	22.53	21.40	17.81	15.61	14.76
66.0	11.83	13.86	16.20	17.14	16.26	13.41	11.50	10.99
69.0	8.724	10.24	12.04	12.82	12.05	9.750	8.055	7.572
72.0	6.103	7.322	8.752	9.536	8.546	6.905	5.821	5.374
75.0	3.968	5.195	6.317	6.733	5.872	4.776	3.971	3.582
78.0	2.258	3.361	4.229	4.605	3.623	3.095	2.499	2.207
81.0	1.002	1.921	2.574	2.819	2.032	1.791	1.279	1.075
84.0	0.2471	0.8244	1.260	1.401	0.8159	0.7016	0.3800	0.2773
87.0	0.0336	0.1350	0.3454	0.4343	0.1504	0.0933	0.0254	0.0268
90.0	0.0243	0.0161	0.0207	0.0197	0.0141	0.0250	0.0273	0.0297

C Range: 0 - 360DEG
C Interval: 45.0DEG
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γ Interval: 1.0DEG
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