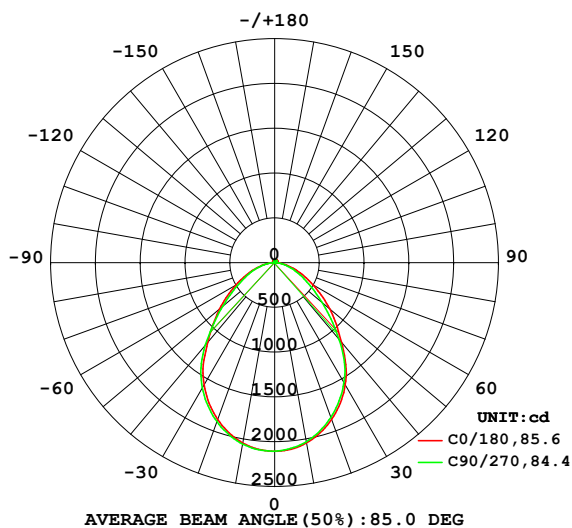


## LUMINAIRE PHOTOMETRIC TEST REPORT

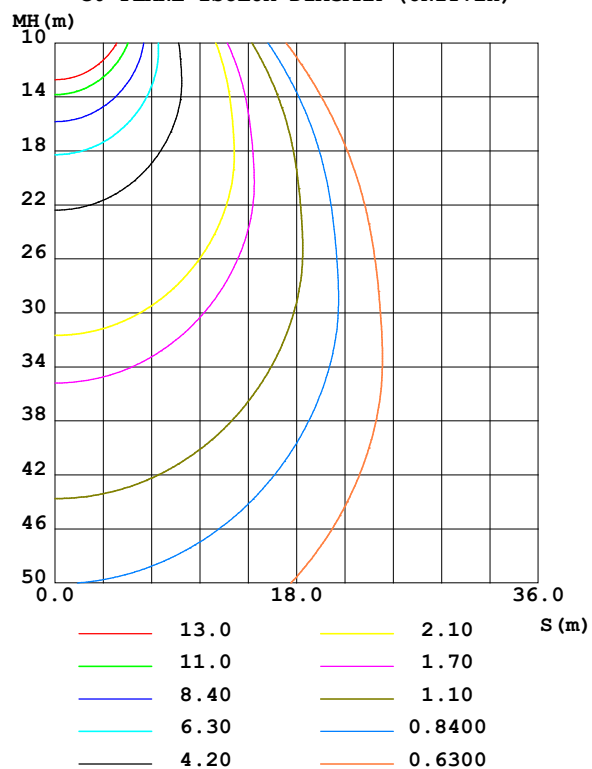
Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 130.73 lm/W
MODEL		I <sub>max</sub> (cd)	2106	S/MH(C0/180)	1.13	
NOMINAL POWER(W)	33.7	LOR(%)	100.0	S/MH(C90/270)	1.15	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4395.7	η UP,DN(C0-180)	1.6,47.7	
NOMINAL FLUX(lm)	4395.69	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,49.2	
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	33.97	η down (%)	96.9	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [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	2045	2035	2031	2037	2046	2056	2057	2048	0- 10	198.0	198.0	4.5,4.5
20	1862	1842	1839	1848	1863	1884	1888	1871	10- 20	553.4	751.4	17.1,17.1
30	1578	1551	1549	1558	1578	1606	1615	1588	20- 30	795.8	1547	35.2,35.2
40	1161	1131	1120	1133	1163	1201	1206	1165	30- 40	862.9	2410	54.8,54.8
50	804.6	759.3	692.7	734.4	802.3	806.3	758.7	764.0	40- 50	733.5	3144	71.5,71.5
60	493.9	457.5	400.9	434.1	495.8	486.6	445.3	448.2	50- 60	538.2	3682	83.8,83.8
70	269.8	248.4	218.3	245.9	270.7	271.1	248.6	253.5	60- 70	346.0	4028	91.6,91.6
80	106.8	89.18	74.91	95.86	108.3	107.1	92.99	100.6	70- 80	181.2	4209	95.8,95.8
90	25.22	15.82	2.918	17.94	25.83	17.00	2.759	17.64	80- 90	49.47	4259	96.9,96.9
100	25.23	17.48	5.226	18.57	24.92	16.59	3.942	18.26	90-100	17.24	4276	97.3,97.3
110	26.83	20.00	8.852	20.37	25.48	18.16	6.928	20.18	100-110	18.48	4294	97.7,97.7
120	28.46	22.36	13.03	22.38	25.83	20.04	10.61	21.47	110-120	19.46	4314	98.1,98.1
130	30.14	25.27	17.74	25.33	28.23	22.39	14.86	24.19	120-130	19.78	4333	98.6,98.6
140	31.86	27.67	22.21	27.96	29.87	25.09	19.29	26.67	130-140	19.35	4353	99,99
150	32.84	28.54	26.43	30.03	31.16	27.54	23.51	28.60	140-150	17.22	4370	99.4,99.4
160	33.42	30.09	30.45	31.72	31.99	29.57	28.14	29.73	150-160	13.62	4384	99.7,99.7
170	32.93	31.93	33.23	32.62	32.02	31.76	32.10	30.96	160-170	8.873	4393	99.9,99.9
180	34.23	33.76	34.05	33.81	34.21	33.77	34.07	33.83	170-180	3.141	4396	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2798.6 lm

%lum = 63.7%

%lamp = 63.7%

Conical surface Flux(120deg): 3681.8 lm

%lum = 83.8%

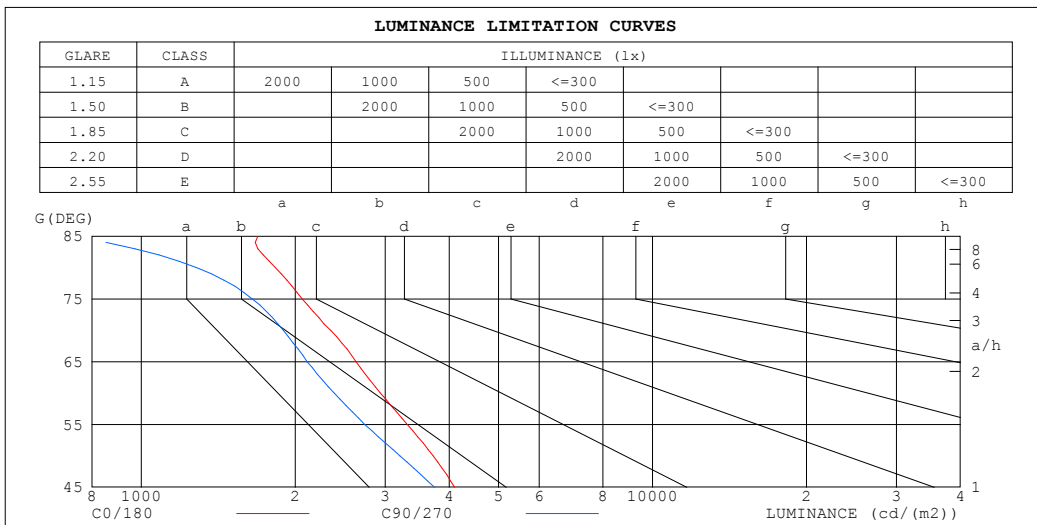
%lamp = 83.8%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2025-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity:65.0%  
 Test Distance:12.020m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	1689	727
80	1829	1283
75	2065	1649
70	2346	1898
65	2632	2111
60	2937	2384
55	3313	2736
50	3722	3204
45	4103	3743

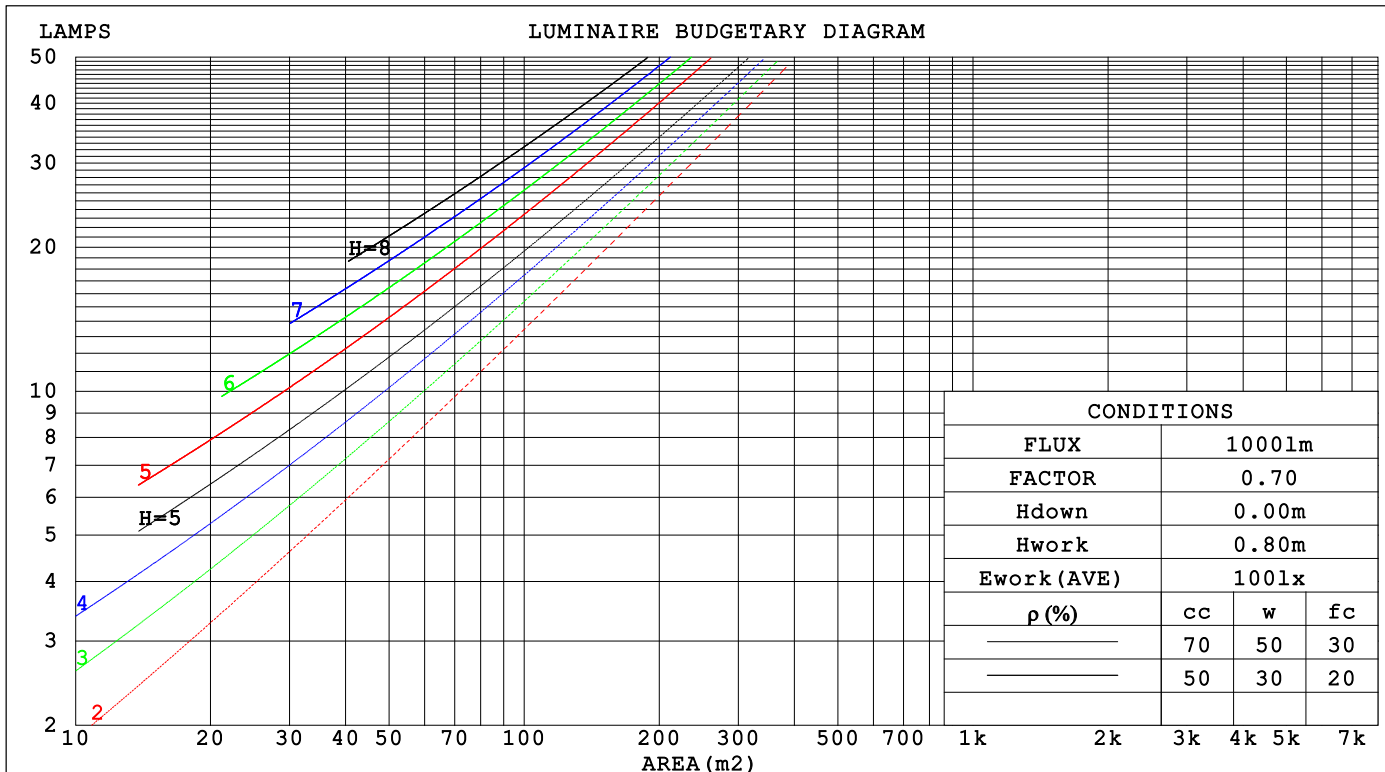
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.05	1.02	.98	1.03	.99	.96	.98	.95	.93	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.87	.82	.91	.86	.81	.87	.83	.79	.84	.80	.77	.80	.77	.75	.72
3.0	.83	.76	.70	.82	.75	.70	.78	.73	.68	.75	.70	.66	.72	.68	.65	.63
4.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.68	.60	.53	.66	.59	.53	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.62	.53	.47	.60	.53	.47	.58	.52	.47	.57	.50	.46	.55	.49	.45	.43
7.0	.56	.48	.43	.55	.48	.42	.54	.47	.42	.52	.46	.41	.50	.45	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.43	.38	.34	.32
10.0	.44	.37	.32	.44	.37	.32	.42	.36	.32	.41	.35	.31	.40	.35	.31	.29



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	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	.269	.153	.048	.261	.149	.047	.246	.141	.045	.232	.134	.043	.220	.127	.041		
2.0	.255	.140	.043	.249	.137	.042	.236	.131	.041	.224	.125	.039	.212	.120	.038		
3.0	.239	.127	.038	.233	.125	.038	.222	.120	.036	.211	.116	.035	.201	.111	.034		
4.0	.223	.116	.034	.218	.114	.034	.207	.110	.033	.198	.106	.032	.189	.103	.031		
5.0	.208	.106	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029	.178	.095	.029		
6.0	.195	.098	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027	.167	.088	.026		
7.0	.183	.090	.026	.179	.089	.025	.171	.087	.025	.164	.084	.025	.158	.082	.024		
8.0	.172	.084	.024	.168	.083	.023	.162	.081	.023	.155	.079	.023	.149	.077	.022		
9.0	.162	.078	.022	.159	.077	.022	.153	.075	.021	.147	.074	.021	.142	.072	.021		
10.0	.153	.073	.020	.150	.072	.020	.145	.071	.020	.139	.069	.020	.134	.068	.019		

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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023		
1.0	.201	.180	.162	.172	.155	.139	.118	.107	.096	.068	.062	.056	.022	.020	.018		
2.0	.192	.156	.127	.164	.134	.109	.112	.093	.076	.065	.054	.045	.021	.018	.015		
3.0	.183	.138	.103	.157	.119	.089	.108	.083	.063	.062	.048	.037	.020	.016	.012		
4.0	.175	.125	.087	.150	.108	.075	.103	.075	.053	.060	.044	.031	.019	.014	.010		
5.0	.167	.114	.075	.144	.099	.065	.099	.069	.046	.057	.041	.027	.018	.013	.009		
6.0	.160	.106	.066	.138	.092	.058	.095	.064	.041	.055	.038	.024	.018	.012	.008		
7.0	.154	.099	.060	.132	.086	.052	.091	.060	.037	.053	.035	.022	.017	.012	.007		
8.0	.148	.093	.055	.127	.081	.048	.088	.057	.034	.051	.033	.020	.017	.011	.007		
9.0	.142	.088	.051	.122	.076	.045	.085	.054	.032	.049	.032	.019	.016	.010	.006		
10.0	.137	.084	.048	.118	.073	.042	.082	.051	.030	.048	.030	.018	.015	.010	.006		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm										
NAME: LED612-W34KA-D (35W 900mA 4000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.3363			SERIAL No.:		
MFR.:					SUR.:			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	15.9	17.3	16.2	17.5	17.8	15.7	17.1	16.0	17.3	17.6
3H	17.0	18.2	17.3	18.5	18.8	16.6	17.8	16.9	18.1	18.4
4H	17.4	18.5	17.7	18.8	19.1	16.9	18.1	17.3	18.4	18.7
6H	17.7	18.7	18.0	19.1	19.4	17.1	18.2	17.5	18.5	18.8
8H	17.7	18.8	18.1	19.1	19.5	17.1	18.2	17.5	18.5	18.8
12H	17.8	18.8	18.2	19.1	19.5	17.1	18.1	17.5	18.4	18.8
4H 2H	16.3	17.5	16.7	17.8	18.1	16.1	17.3	16.5	17.6	17.9
3H	17.5	18.5	17.9	18.8	19.2	17.2	18.2	17.6	18.6	18.9
4H	18.0	18.9	18.4	19.3	19.7	17.6	18.5	18.0	18.9	19.3
6H	18.4	19.2	18.9	19.6	20.0	17.9	18.7	18.3	19.1	19.5
8H	18.5	19.3	19.0	19.7	20.2	17.9	18.7	18.4	19.1	19.6
12H	18.6	19.3	19.1	19.8	20.2	17.9	18.6	18.4	19.1	19.5
8H 4H	18.1	18.9	18.6	19.3	19.8	17.8	18.5	18.2	19.0	19.4
6H	18.7	19.3	19.1	19.7	20.2	18.2	18.8	18.6	19.2	19.7
8H	18.9	19.4	19.4	19.9	20.4	18.2	18.8	18.8	19.3	19.8
12H	19.0	19.5	19.5	20.0	20.5	18.3	18.8	18.8	19.3	19.8
12H 4H	18.1	18.8	18.6	19.2	19.7	17.8	18.5	18.3	18.9	19.4
6H	18.7	19.2	19.2	19.7	20.2	18.2	18.7	18.7	19.2	19.7
8H	18.9	19.4	19.4	19.9	20.4	18.3	18.8	18.8	19.3	19.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.5				
1.5H	+ 0.2 / - 0.2					+ 0.1 / - 0.4				
2.0H	+ 0.6 / - 0.6					+ 0.5 / - 0.9				

CIE Pub.117, 4396 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.1)  
Area: 0.3363 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

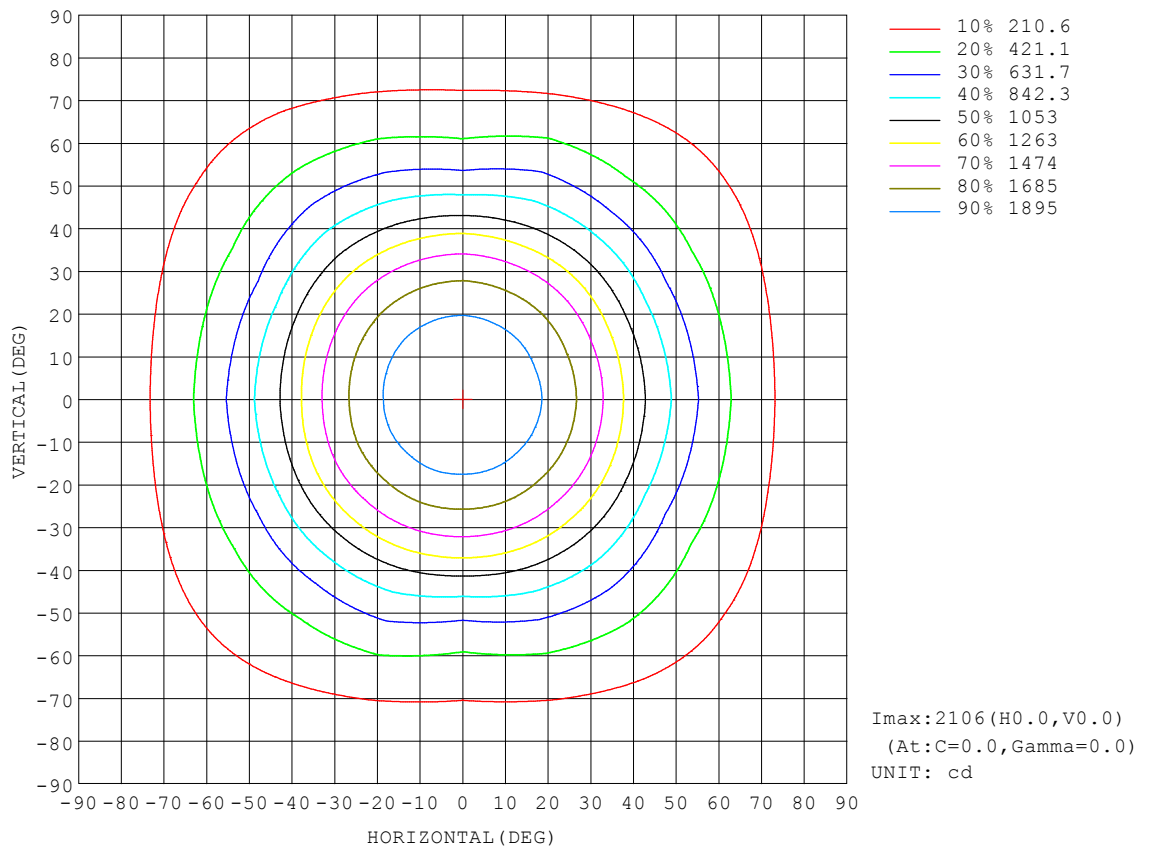
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	53	47	63	53	47	61	52	46	41
0.80	73	63	56	72	62	56	70	62	56	49
1.00	81	71	65	80	71	65	77	71	64	57
1.25	87	78	72	86	78	72	83	76	71	64
1.50	92	83	77	90	82	77	87	80	75	68
2.00	98	90	85	96	89	84	92	87	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	103	98	105	101	97	100	97	94	84
5.00	110	105	102	107	103	100	102	99	96	87
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



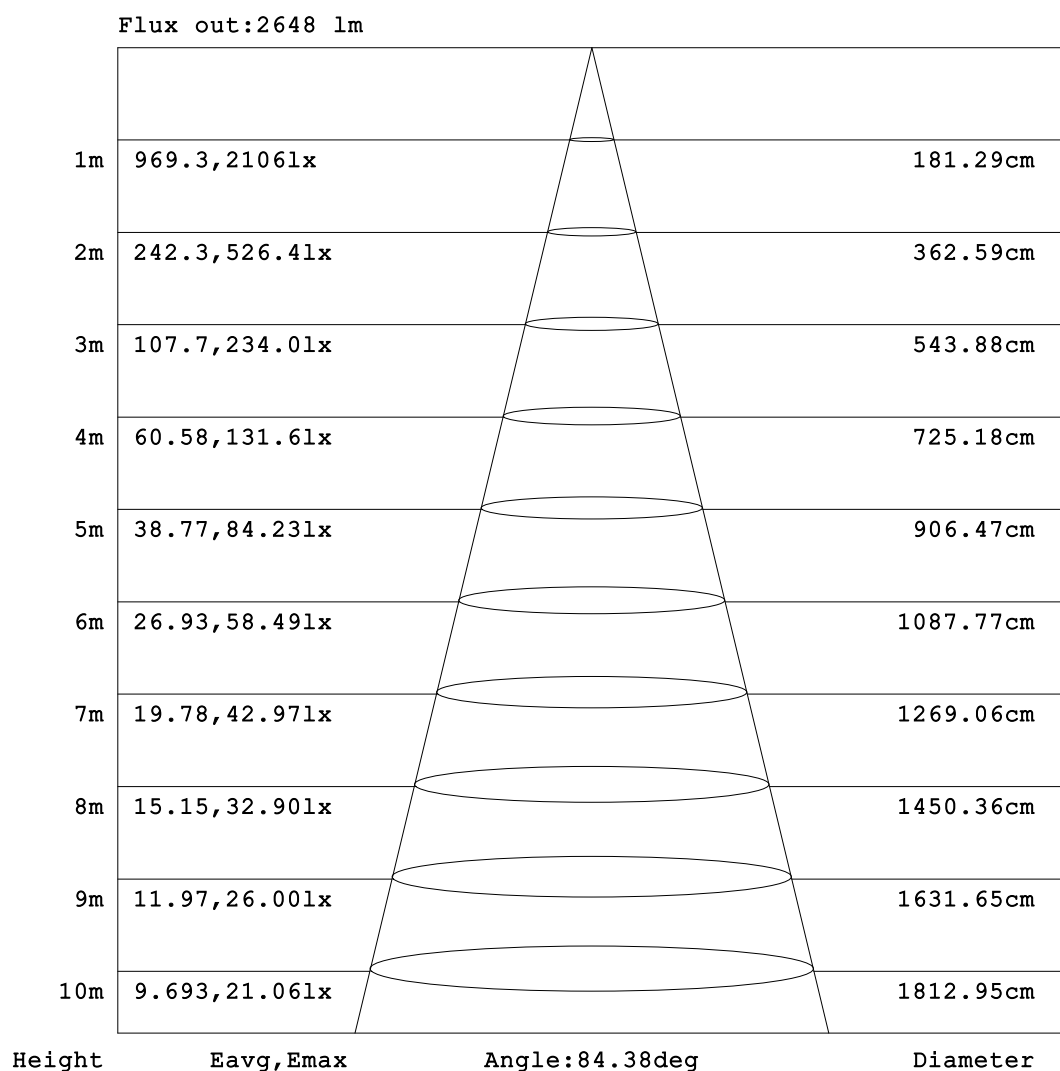
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



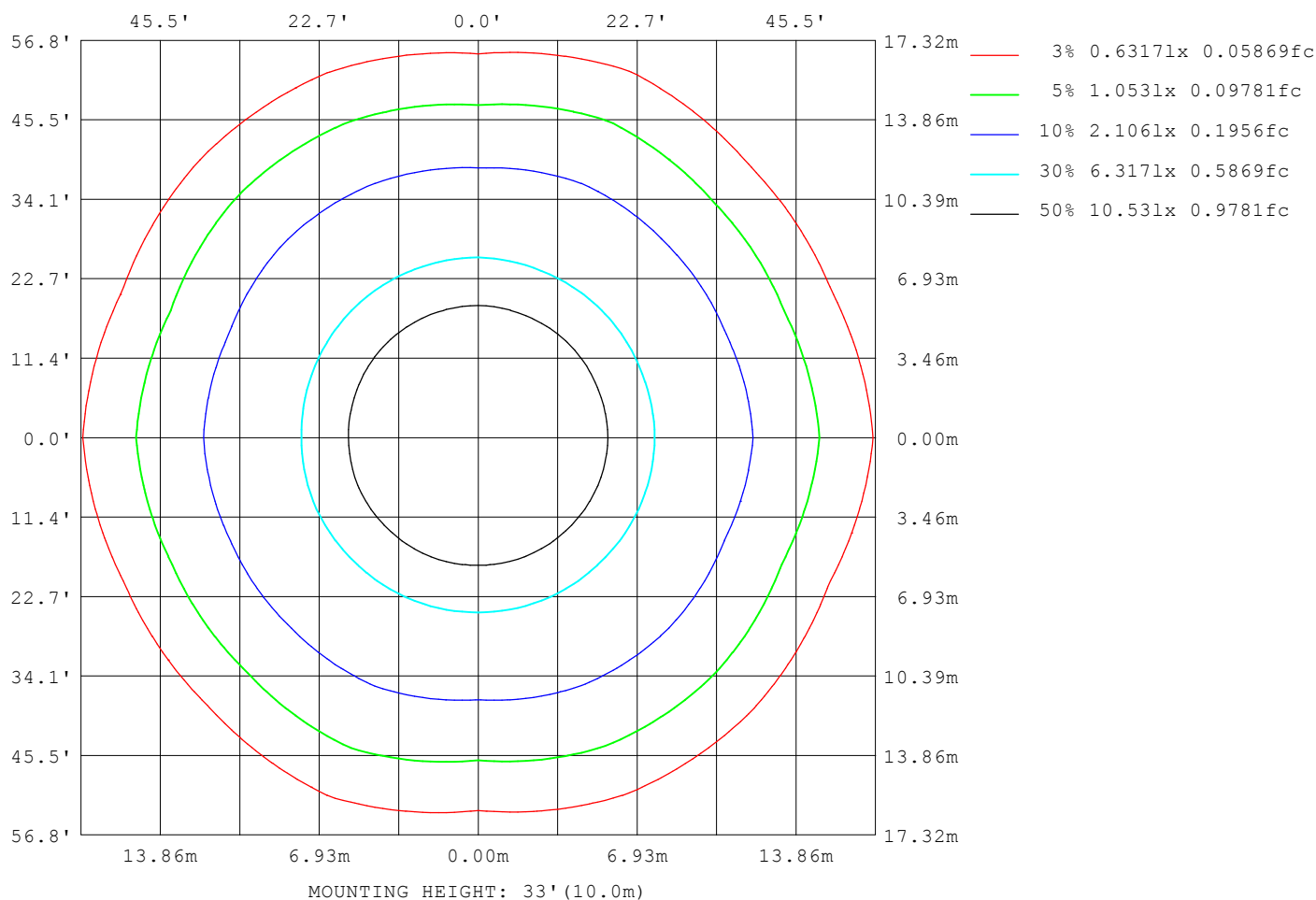
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2025-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity: 65.0%  
 Test Distance: 12.020m [K=1.0000]  
 Remarks:

# ISOLUX DIAGRAM

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2025-06-16

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

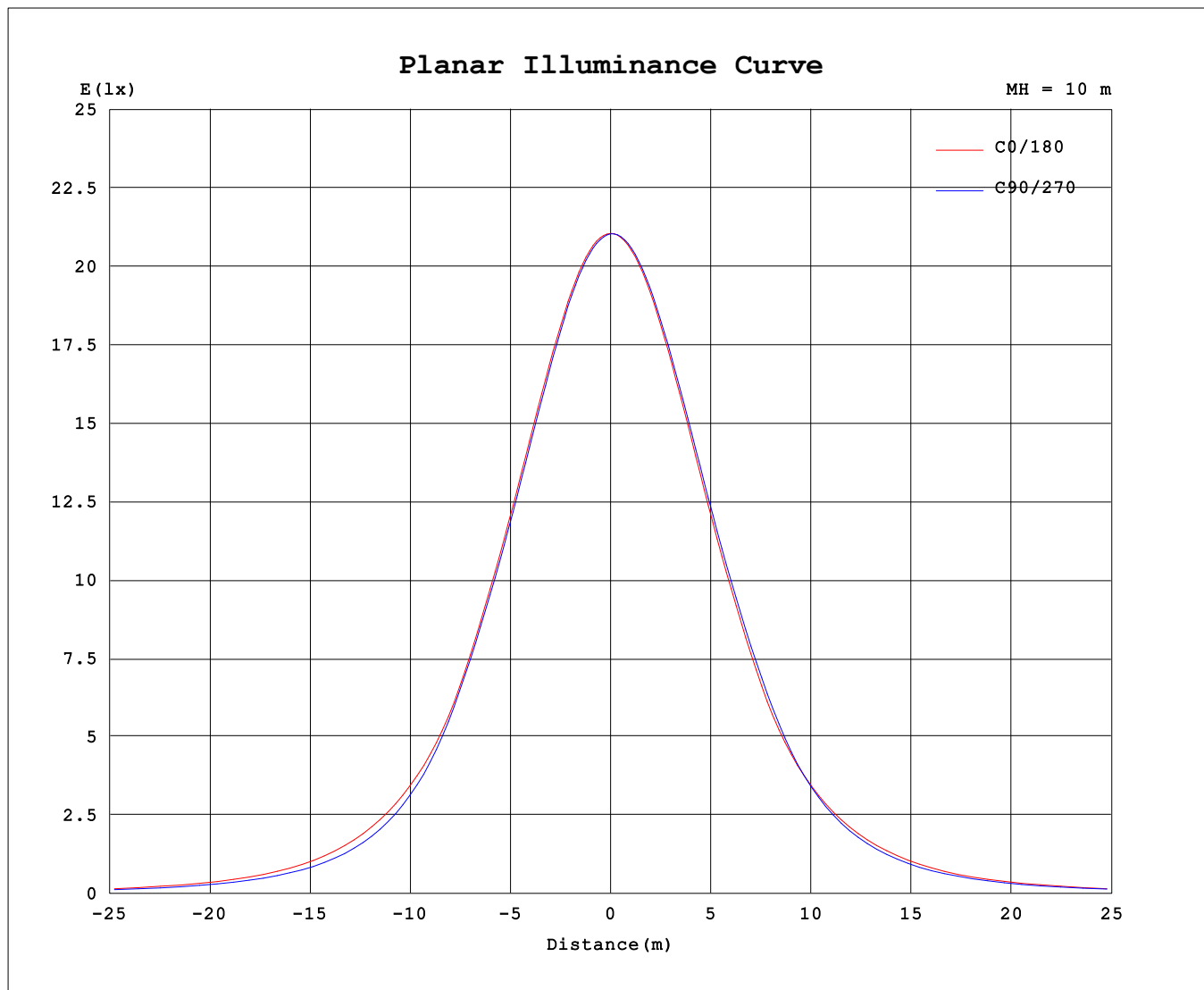
AvgL	cd/m2
L_0~180 (65) av	2645
L_0~180 (75) av	2072
L_0~180 (85) av	1710
L_90~270 (65) av	2237
L_90~270 (75) av	1787
L_90~270 (85) av	904
L_45 (65) av	2430
L_45 (75) av	1982
L_45 (85) av	1395

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2025-06-16

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity:65.0%  
 Test Distance:12.020m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2025-06-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.59V I:0.1519A P:33.625W PF:0.9601 Freq:50.00Hz Lamp Flux:4395.69x1 lm		
NAME: LED612-W34KA-D (35W 900mA 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2106	2105	2105	2104	2104	2104	2104	2103	2106	2105	2105	2104	2104	2104	2104	2103			
5	2091	2088	2085	2083	2083	2085	2085	2088	2091	2093	2096	2095	2097	2094	2093	2088			
10	2045	2040	2035	2034	2031	2034	2037	2043	2046	2050	2056	2057	2057	2052	2048	2041			
15	1967	1960	1952	1950	1948	1954	1957	1966	1968	1976	1984	1986	1986	1978	1973	1963			
20	1862	1853	1842	1840	1839	1845	1848	1860	1863	1873	1884	1886	1888	1877	1871	1859			
25	1733	1722	1709	1708	1706	1713	1716	1730	1733	1744	1758	1762	1764	1751	1743	1729			
30	1578	1566	1551	1552	1549	1556	1558	1576	1578	1591	1606	1612	1615	1598	1588	1574			
35	1387	1375	1356	1361	1362	1367	1369	1391	1391	1408	1426	1433	1437	1413	1400	1382			
40	1161	1143	1131	1129	1120	1130	1133	1155	1163	1178	1201	1204	1206	1178	1165	1146			
45	976	929	935	924	890	926	923	939	973	963	989	983	964	970	951	941			
50	805	733	759	752	693	758	734	748	802	762	806	802	759	801	764	750			
55	639	565	597	594	528	605	567	579	643	587	637	640	587	645	591	578			
60	494	430	457	456	401	466	434	441	496	451	487	494	445	502	448	441			
65	374	326	342	340	300	347	332	337	378	345	367	371	336	373	340	337			
70	270	244	248	243	218	245	246	253	271	257	271	270	249	264	254	253			
75	180	168	163	156	144	157	168	178	181	179	185	179	168	171	174	174			
80	107	98.5	89.2	81.3	74.9	86.0	95.9	107	108	107	107	98.9	93.0	95.3	101	102			
85	49.5	44.1	35.2	26.8	21.3	30.7	40.3	49.8	50.7	49.4	45.9	37.2	31.7	35.2	42.2	45.5			
90	25.2	22.3	15.8	7.75	2.92	9.51	17.9	24.4	25.8	23.4	17.0	8.00	2.76	9.35	17.6	23.2			
95	24.6	22.2	16.3	8.82	3.89	10.3	17.9	23.4	24.8	22.3	16.1	7.93	2.90	9.60	17.4	22.7			
100	25.2	23.0	17.5	10.2	5.23	11.4	18.6	23.8	24.9	22.5	16.6	8.82	3.94	10.6	18.3	23.4			
105	26.0	24.0	18.8	11.7	7.03	12.7	19.4	24.2	25.1	22.8	17.3	9.91	5.24	11.8	19.2	24.1			
110	26.8	25.0	20.0	13.5	8.85	14.3	20.4	24.8	25.5	23.3	18.2	11.3	6.93	13.1	20.2	24.9			
115	27.8	26.1	20.5	15.3	10.9	16.0	20.8	25.5	26.1	23.8	19.2	12.8	8.72	14.6	21.0	25.7			
120	28.5	26.1	22.4	17.0	13.0	17.3	22.4	25.5	25.8	23.7	20.0	14.5	10.6	16.1	21.5	25.5			
125	28.9	27.2	23.9	19.0	15.4	19.4	23.9	26.8	26.9	24.8	21.1	16.1	12.7	17.6	22.9	26.5			
130	30.1	28.7	25.3	20.5	17.7	21.3	25.3	28.2	28.2	26.1	22.4	17.8	14.9	19.3	24.2	27.9			
135	31.2	29.7	26.7	22.2	20.0	23.1	26.7	29.2	29.1	27.1	23.8	19.7	17.2	21.1	25.4	28.8			
140	31.9	30.6	27.7	23.5	22.2	24.8	28.0	30.1	29.9	28.1	25.1	21.5	19.3	22.5	26.7	29.7			
145	32.4	31.4	28.1	25.0	24.3	26.4	29.0	30.9	30.6	29.0	26.4	23.0	21.4	23.8	27.9	30.4			
150	32.8	32.0	28.5	25.9	26.4	27.6	30.0	31.6	31.2	29.7	27.5	24.1	23.5	25.0	28.6	31.1			
155	33.2	32.6	29.2	27.5	28.5	28.4	30.9	32.1	31.6	30.4	28.7	26.1	25.7	25.8	29.1	31.8			
160	33.4	32.9	30.1	29.5	30.4	30.1	31.7	32.6	32.0	31.1	29.6	28.1	28.1	27.3	29.7	32.5			
165	33.7	32.5	30.5	31.3	32.0	31.7	31.4	32.9	32.3	31.6	30.0	30.2	30.3	29.5	29.7	33.2			
170	32.9	31.5	31.9	32.8	33.2	33.2	32.6	32.4	32.0	31.7	31.8	32.0	32.1	31.6	31.0	31.9			
175	33.5	32.6	33.3	33.8	33.9	33.9	33.8	33.4	33.0	33.0	33.3	33.2	33.4	33.2	33.0	32.6			
180	34.2	33.2	33.8	33.9	34.0	34.0	33.8	33.2	34.2	33.2	33.8	33.9	34.1	34.0	33.8	33.2			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2025-06-16

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