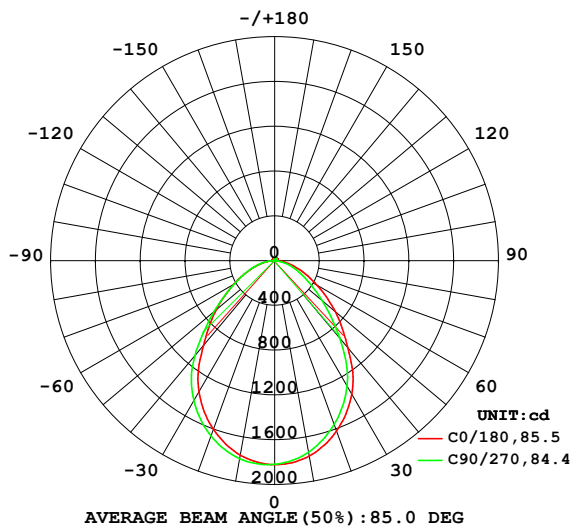


LUMINAIRE PHOTOMETRIC TEST REPORT

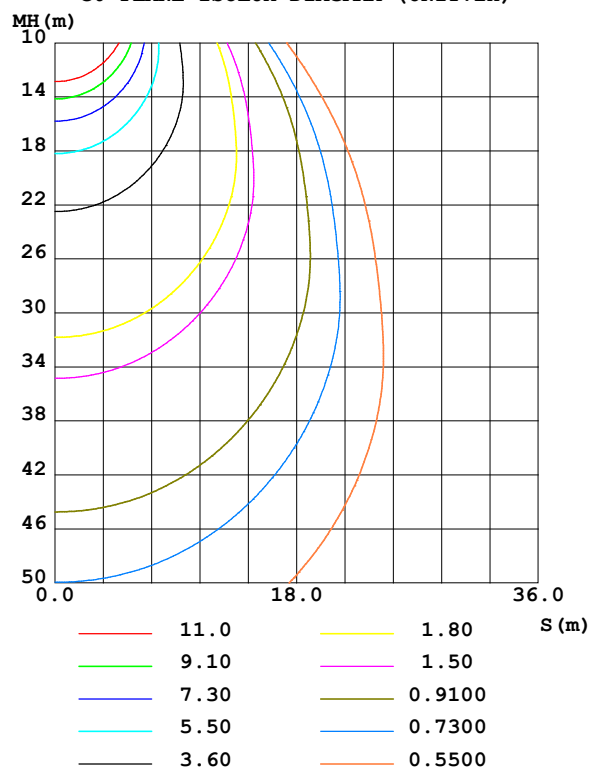
Test:U:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.74 lm/W			
MODEL		I _{max} (cd)	1823	S/MH(C0/180)	1.13
NOMINAL POWER(W)	29.9	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3802.7	η UP,DN(C0-180)	1.6,46.2
NOMINAL FLUX(lm)	3802.72	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,50.7
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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1773	1749	1738	1745	1764	1786	1796	1786	0- 10	171.2	171.2	4.5,4.5
20	1619	1576	1556	1568	1603	1646	1666	1647	10- 20	478.5	649.7	17.1,17.1
30	1377	1317	1295	1306	1353	1413	1444	1416	20- 30	688.4	1338	35.2,35.2
40	1020	948.3	905.2	927.2	990.5	1070	1111	1065	30- 40	746.5	2085	54.8,54.8
50	706.6	636.6	552.7	596.2	681.3	717.5	705.2	701.7	40- 50	635.0	2720	71.5,71.5
60	434.7	382.0	318.0	350.8	419.2	432.7	414.9	413.7	50- 60	465.1	3185	83.7,83.7
70	240.0	204.9	170.1	195.5	226.3	242.8	233.5	236.6	60- 70	299.0	3484	91.6,91.6
80	97.81	70.94	51.31	69.20	88.55	99.52	95.97	101.7	70- 80	156.9	3641	95.7,95.7
90	22.53	13.74	2.841	15.17	22.06	15.59	4.628	17.09	80- 90	43.74	3684	96.9,96.9
100	21.88	15.41	5.153	16.18	21.49	14.14	2.970	15.64	90-100	15.00	3699	97.3,97.3
110	23.16	17.44	8.420	17.89	21.99	15.27	5.269	17.05	100-110	15.98	3715	97.7,97.7
120	24.29	19.82	12.26	19.95	22.25	16.95	8.382	18.51	110-120	16.81	3732	98.1,98.1
130	25.97	22.35	16.34	22.50	24.30	18.62	11.99	20.22	120-130	17.08	3749	98.6,98.6
140	27.26	24.27	20.09	24.75	25.68	20.88	15.80	22.33	130-140	16.65	3766	99,99
150	28.07	24.97	23.61	26.49	26.72	22.98	19.57	24.26	140-150	14.80	3781	99.4,99.4
160	28.55	26.18	26.86	27.75	27.39	24.76	23.45	25.41	150-160	11.71	3792	99.7,99.7
170	28.20	27.49	28.90	28.44	27.44	26.90	27.08	26.26	160-170	7.602	3800	99.9,99.9
180	29.32	28.83	29.21	29.10	29.27	28.81	29.15	29.10	170-180	2.694	3803	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2421 lm

%lum = 63.7%

%lamp = 63.7%

Conical surface Flux(120deg): 3184.7 lm

%lum = 83.7%

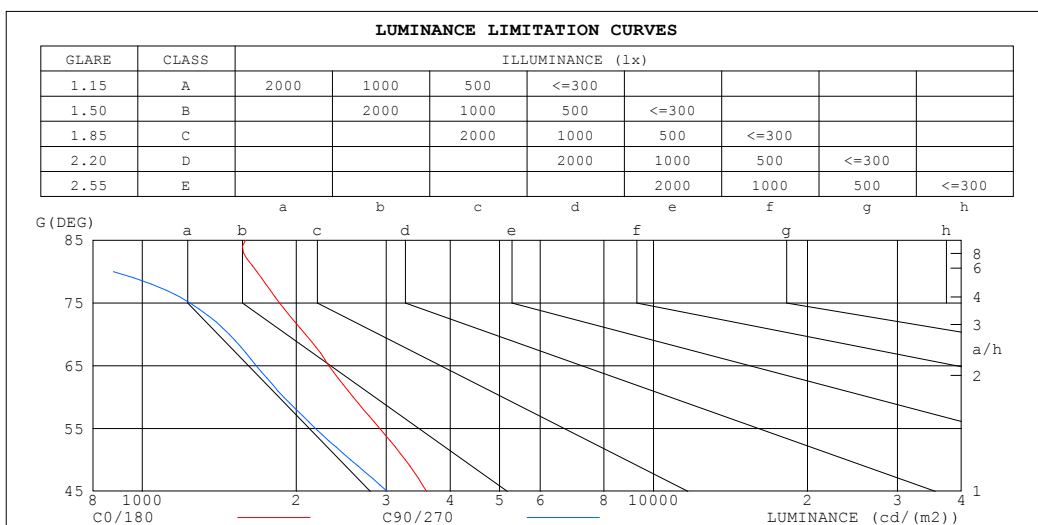
%lamp = 83.7%

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:

LUMINANCE LIMITATION CURVES

Test:U:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1591	386
80	1675	879
75	1855	1239
70	2086	1479
65	2317	1669
60	2585	1891
55	2913	2181
50	3269	2557
45	3598	3010

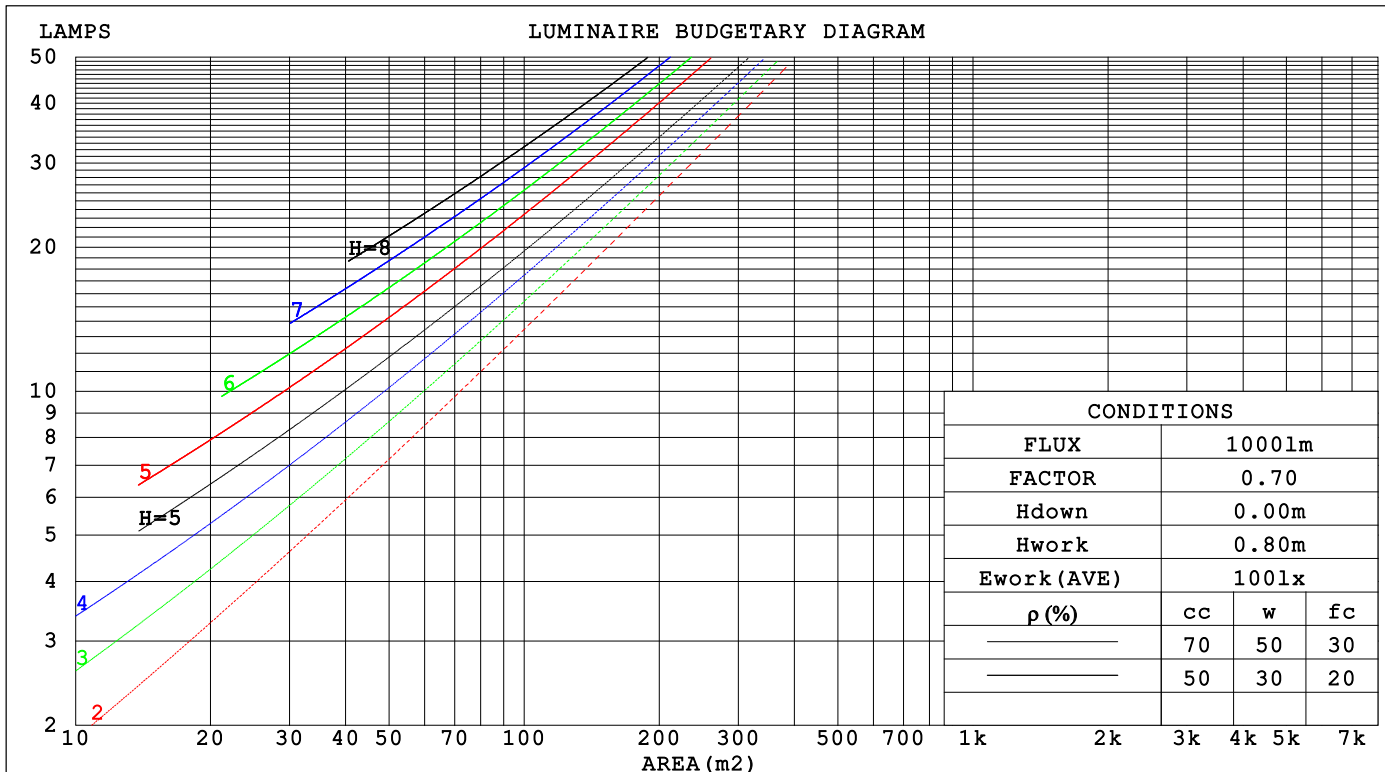
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	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	.74	.72
3.0	.83	.76	.70	.82	.75	.69	.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	.42	.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	.31	.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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	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	.256	.140	.043	.249	.137	.042	.236	.131	.041	.224	.125	.039	.213	.120	.038		
3.0	.239	.127	.038	.233	.125	.038	.222	.120	.037	.211	.116	.035	.201	.111	.034		
4.0	.223	.116	.034	.218	.114	.034	.208	.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	.168	.088	.026		
7.0	.183	.090	.026	.179	.089	.025	.171	.087	.025	.165	.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	.135	.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	.191	.156	.126	.164	.134	.109	.112	.093	.076	.065	.054	.045	.021	.017	.015		
3.0	.183	.138	.103	.157	.119	.089	.108	.083	.063	.062	.048	.037	.020	.016	.012		
4.0	.175	.125	.086	.150	.108	.075	.103	.075	.053	.060	.044	.031	.019	.014	.010		
5.0	.167	.114	.075	.144	.099	.065	.099	.069	.046	.057	.040	.027	.018	.013	.009		
6.0	.160	.106	.066	.138	.091	.058	.095	.064	.041	.055	.038	.024	.018	.012	.008		
7.0	.154	.099	.060	.132	.085	.052	.091	.060	.037	.053	.035	.022	.017	.012	.007		
8.0	.148	.093	.055	.127	.080	.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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm										
NAME: LED612-W34KA-D (30W 800mA 3000K)					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	15.4	16.7	15.7	17.0	17.2	14.8	16.1	15.1	16.4	16.6
3H	16.4	17.7	16.8	17.9	18.2	15.6	16.9	16.0	17.1	17.4
4H	16.9	18.0	17.2	18.3	18.6	15.9	17.1	16.2	17.4	17.7
6H	17.2	18.3	17.6	18.6	18.9	16.0	17.1	16.4	17.4	17.8
8H	17.3	18.3	17.7	18.7	19.0	16.0	17.1	16.4	17.4	17.7
12H	17.4	18.4	17.8	18.7	19.1	16.0	17.0	16.4	17.3	17.7
4H 2H	15.7	16.9	16.1	17.2	17.5	15.2	16.4	15.6	16.7	17.0
3H	16.9	17.9	17.3	18.3	18.6	16.2	17.3	16.6	17.6	18.0
4H	17.5	18.4	17.9	18.8	19.1	16.6	17.5	17.0	17.9	18.3
6H	17.9	18.7	18.3	19.1	19.5	16.8	17.6	17.3	18.0	18.5
8H	18.1	18.8	18.5	19.2	19.7	16.8	17.6	17.3	18.0	18.5
12H	18.2	18.9	18.6	19.3	19.8	16.8	17.5	17.3	17.9	18.4
8H 4H	17.6	18.3	18.0	18.7	19.2	16.8	17.5	17.2	18.0	18.4
6H	18.1	18.7	18.6	19.2	19.7	17.1	17.7	17.6	18.2	18.6
8H	18.3	18.9	18.8	19.4	19.9	17.1	17.7	17.6	18.2	18.7
12H	18.5	19.0	19.0	19.5	20.0	17.1	17.6	17.7	18.1	18.7
12H 4H	17.5	18.2	18.0	18.7	19.1	16.8	17.5	17.3	17.9	18.4
6H	18.1	18.7	18.6	19.1	19.7	17.1	17.7	17.6	18.1	18.6
8H	18.4	18.8	18.9	19.3	19.9	17.2	17.7	17.7	18.2	18.7
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 / - 0.3					+ 0.2 / - 0.5				
2.0H	+ 0.6 / - 0.6					+ 0.6 / - 1.0				

CIE Pub.117, 3803 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.6)
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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

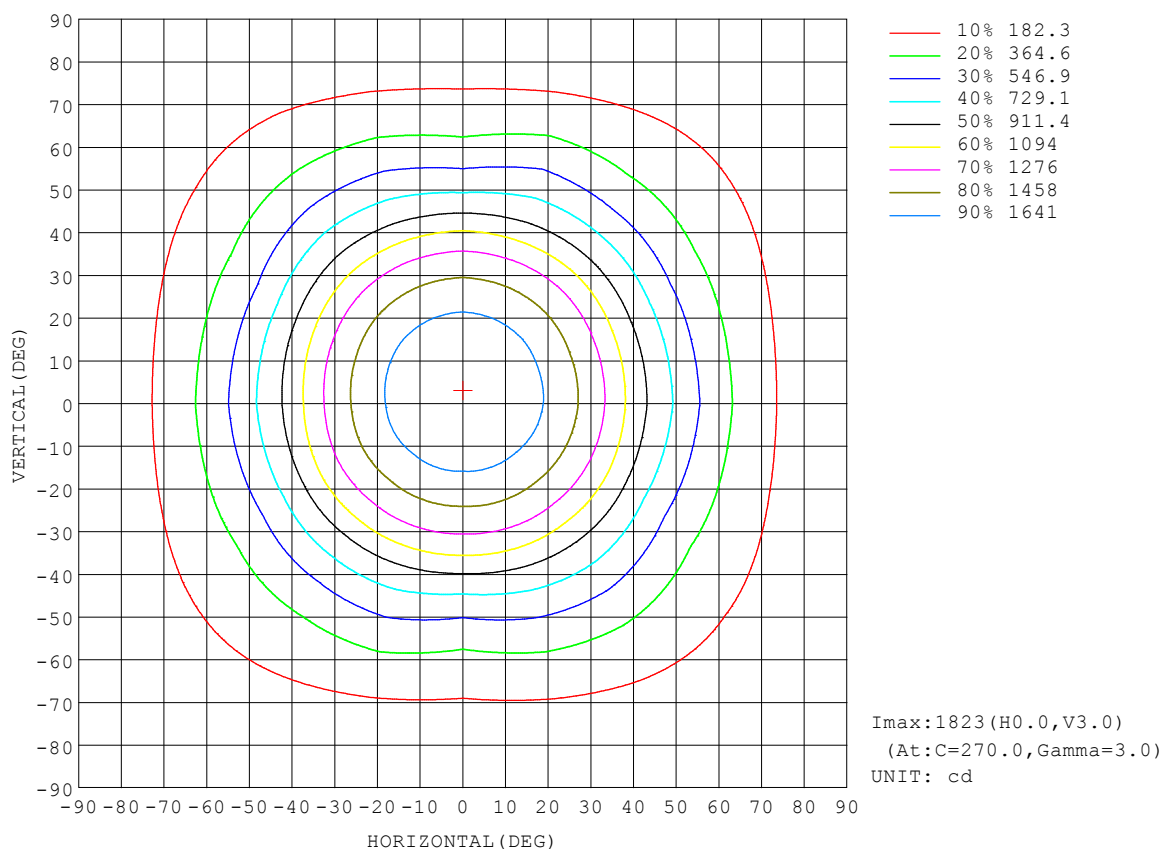
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	53	47	63	53	47	61	52	46	41
0.80	73	63	56	72	62	56	70	62	56	49
1.00	81	71	65	80	71	64	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	102	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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

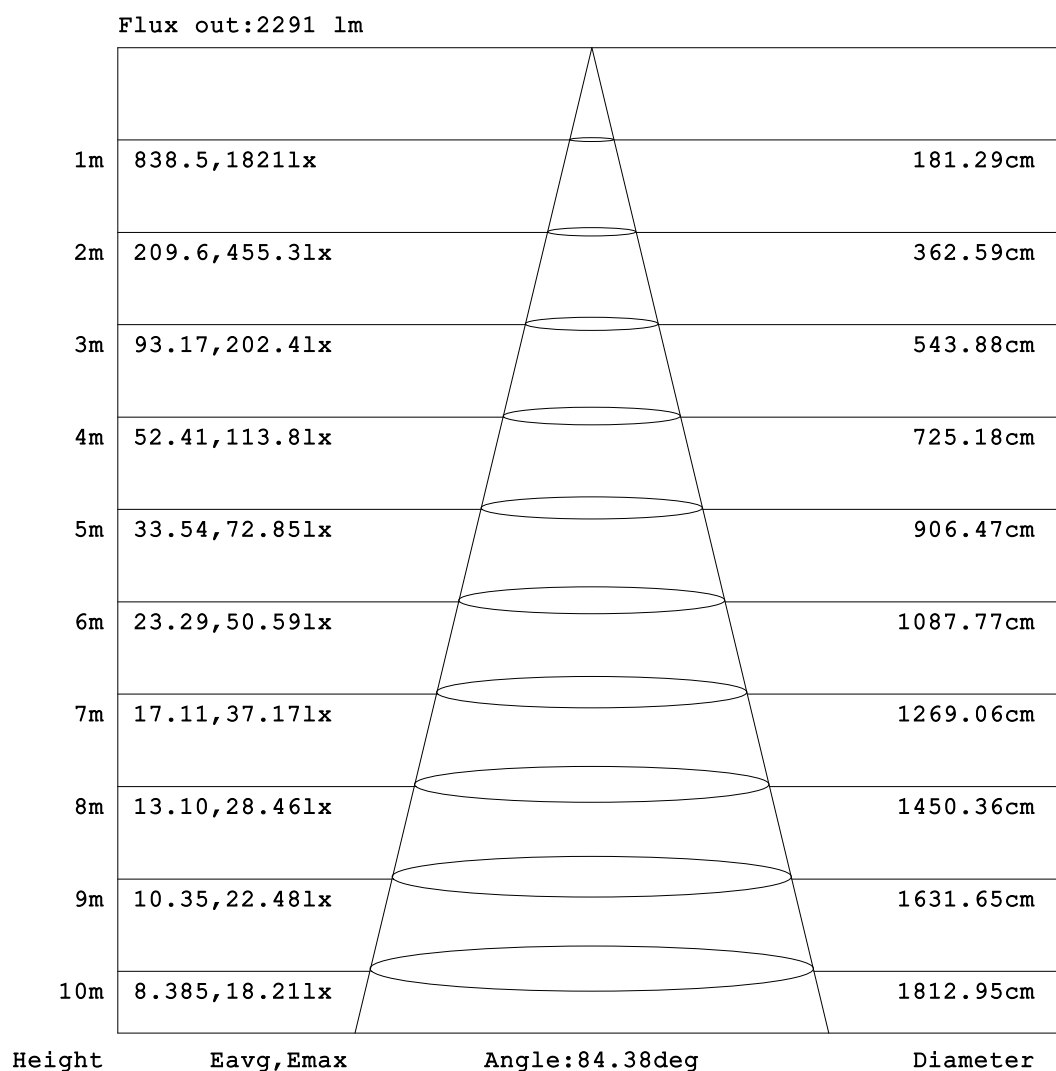


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



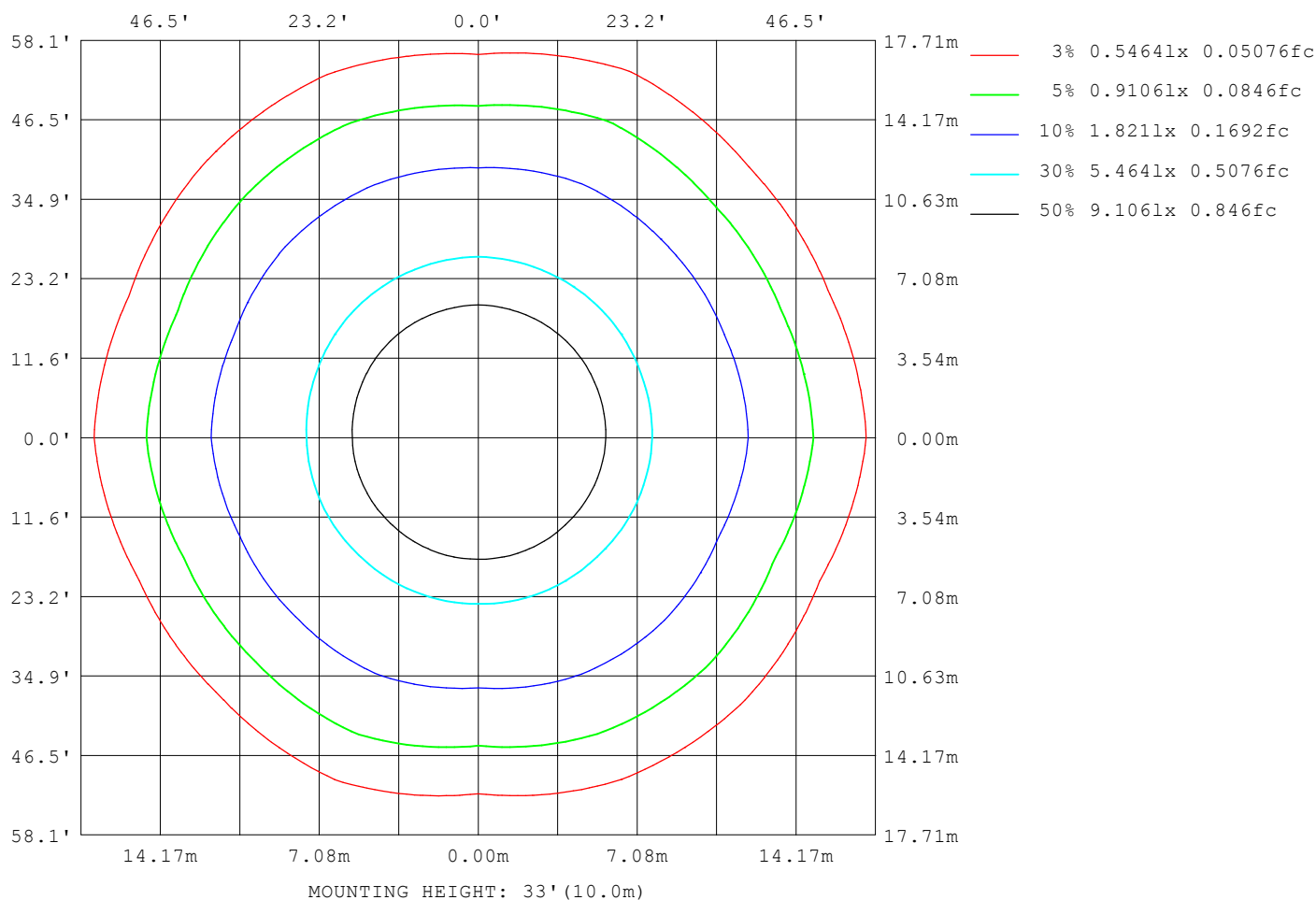
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	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:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

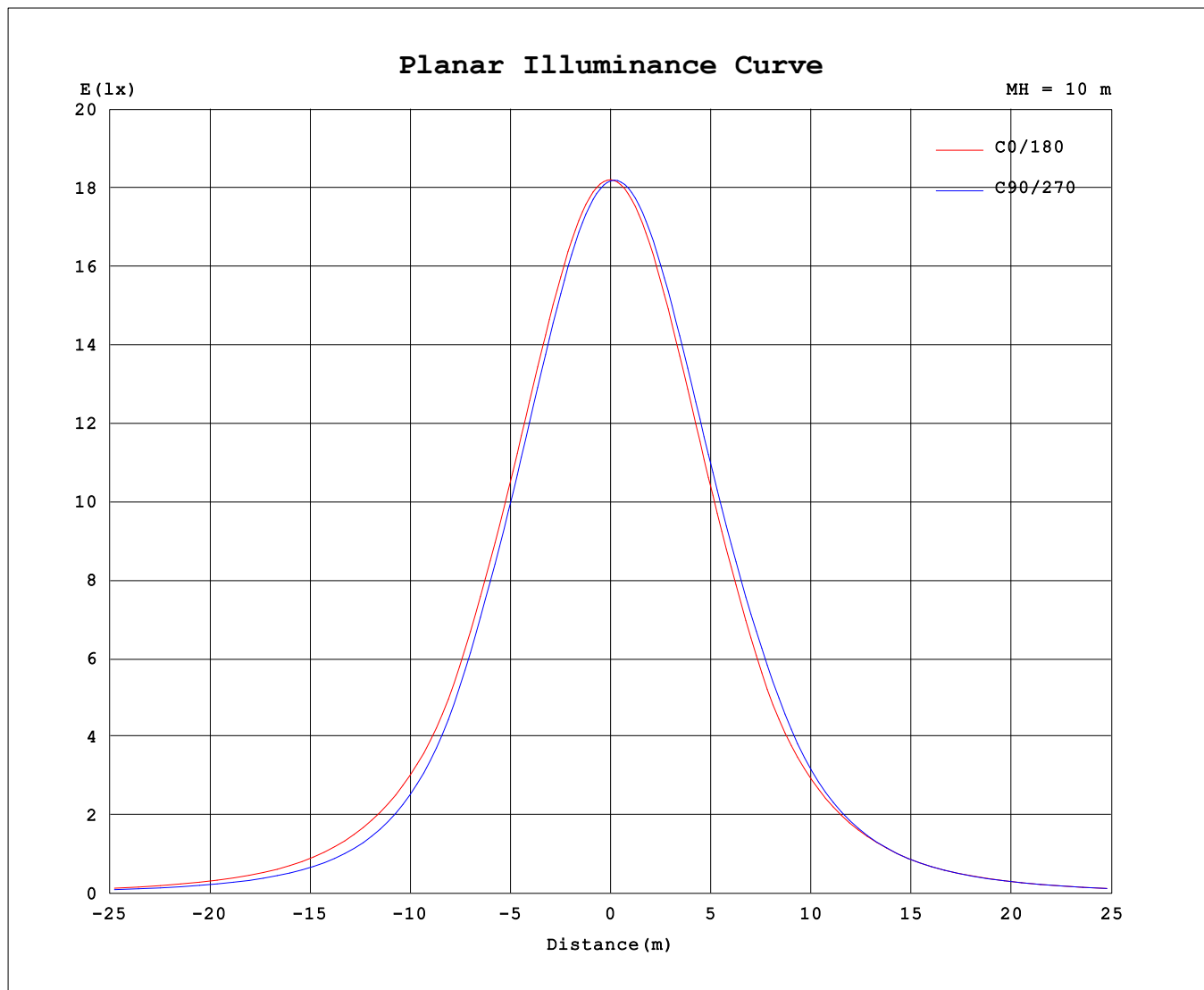
AvgL	cd/m2
L_0~180 (65) av	2276
L_0~180 (75) av	1790
L_0~180 (85) av	1490
L_90~270 (65) av	1937
L_90~270 (75) av	1552
L_90~270 (85) av	849
L_45 (65) av	2099
L_45 (75) av	1716
L_45 (85) av	1239

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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.64V I:0.1350A P:29.769W PF:0.9563 Freq:50.00Hz Lamp Flux:3802.72x1 lm		
NAME: LED612-W34KA-D (30W 800mA 3000K)	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	1821	1820	1819	1819	1819	1818	1819	1819	1821	1820	1819	1819	1819	1818	1819	1819			
5	1810	1804	1797	1794	1792	1793	1796	1801	1806	1810	1816	1819	1821	1820	1817	1812			
10	1773	1762	1749	1743	1738	1741	1745	1756	1764	1774	1786	1793	1796	1793	1786	1776			
15	1708	1691	1673	1664	1658	1662	1669	1684	1696	1711	1729	1739	1744	1738	1729	1714			
20	1619	1598	1576	1564	1556	1561	1568	1588	1603	1623	1646	1659	1666	1659	1647	1628			
25	1509	1484	1458	1445	1436	1440	1448	1473	1489	1512	1541	1557	1566	1556	1543	1521			
30	1377	1349	1317	1305	1295	1298	1306	1336	1353	1381	1413	1433	1444	1431	1416	1391			
35	1216	1184	1143	1131	1119	1122	1132	1168	1187	1223	1261	1284	1298	1282	1263	1232			
40	1020	983	948	930	905	917	927	959	990	1024	1070	1093	1111	1087	1065	1029			
45	856	797	786	760	716	753	754	775	827	839	879	894	892	891	868	847			
50	707	628	637	615	553	612	596	612	681	665	718	731	705	737	702	681			
55	562	480	499	478	421	481	459	469	544	511	566	588	545	598	545	526			
60	435	368	382	368	318	369	351	359	419	392	433	456	415	469	414	401			
65	329	279	285	274	237	273	266	275	318	299	327	344	313	353	315	306			
70	240	209	205	193	170	188	196	205	226	223	243	251	234	253	237	231			
75	161	144	133	120	108	117	129	142	150	155	168	170	162	169	167	163			
80	97.8	84.9	70.9	59.5	51.3	59.5	69.2	82.0	88.6	93.3	99.5	98.0	96.0	99.0	102	99.2			
85	46.6	38.3	27.3	17.6	11.3	18.3	27.3	36.9	40.7	42.8	44.2	40.6	38.4	42.1	46.5	46.4			
90	22.5	19.4	13.7	7.01	2.84	8.26	15.2	20.4	22.1	20.3	15.6	8.62	4.63	10.0	17.1	21.2			
95	21.4	19.3	14.4	8.08	3.86	9.13	15.5	20.2	21.4	19.2	13.8	6.61	2.16	7.96	15.0	19.8			
100	21.9	20.1	15.4	9.37	5.15	10.2	16.2	20.5	21.5	19.2	14.1	7.26	2.97	8.70	15.6	20.2			
105	22.5	20.9	16.6	10.8	6.78	11.5	17.1	21.0	21.7	19.5	14.6	8.08	3.99	9.61	16.3	20.8			
110	23.2	21.8	17.4	12.4	8.42	13.0	17.9	21.6	22.0	19.9	15.3	9.11	5.27	10.6	17.1	21.4			
115	23.9	22.6	18.2	13.9	10.3	14.3	18.5	22.3	22.5	20.4	16.1	10.4	6.76	11.8	17.9	22.1			
120	24.3	22.6	19.8	15.6	12.3	15.9	20.0	22.3	22.2	20.2	16.9	11.7	8.38	13.0	18.5	21.7			
125	24.8	23.7	21.1	17.1	14.4	17.6	21.2	23.4	23.2	21.0	17.5	13.2	10.1	14.5	19.2	22.5			
130	26.0	24.9	22.4	18.5	16.3	19.3	22.5	24.6	24.3	22.1	18.6	14.5	12.0	15.6	20.2	23.7			
135	26.7	25.8	23.4	19.8	18.2	20.9	23.7	25.5	25.0	22.9	19.7	16.0	13.9	17.2	21.2	24.5			
140	27.3	26.5	24.3	21.0	20.1	22.3	24.7	26.4	25.7	23.7	20.9	17.6	15.8	18.8	22.3	25.2			
145	27.7	27.2	24.3	22.1	21.8	23.6	25.7	27.1	26.2	24.4	22.0	18.9	17.7	19.8	23.4	25.9			
150	28.1	27.8	25.0	22.9	23.6	24.3	26.5	27.6	26.7	25.1	23.0	19.8	19.6	20.9	24.3	26.6			
155	28.3	28.2	25.5	24.3	25.3	25.2	27.2	28.1	27.1	25.7	24.0	21.6	21.4	21.4	24.8	27.1			
160	28.5	27.9	26.2	25.9	26.9	26.6	27.8	28.5	27.4	26.3	24.8	23.4	23.4	22.9	25.4	27.8			
165	28.8	27.6	26.4	27.2	28.0	27.9	27.5	28.5	27.6	26.6	25.3	25.4	25.4	24.8	25.2	28.4			
170	28.2	27.1	27.5	28.4	28.9	28.9	28.4	28.2	27.4	26.9	26.9	27.0	27.1	26.7	26.3	27.6			
175	28.8	27.8	28.6	29.1	29.3	29.3	29.3	29.0	28.2	28.1	28.3	28.2	28.4	28.4	28.2	28.2			
180	29.3	28.4	28.8	29.0	29.2	29.2	29.1	28.7	29.3	28.4	28.8	29.0	29.1	29.1	29.1	28.6			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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