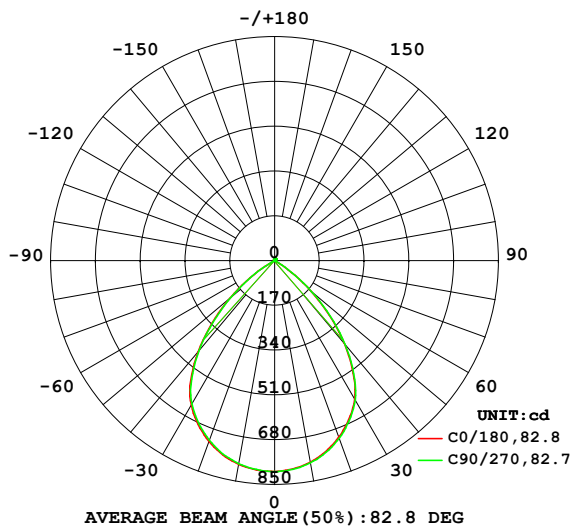


LUMINAIRE PHOTOMETRIC TEST REPORT

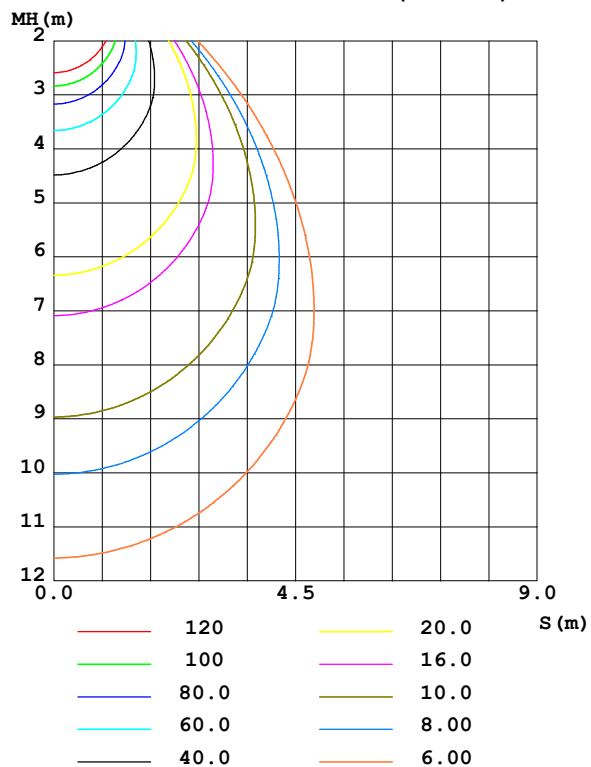
Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.21 lm/W
MODEL		I _{max} (cd)	801.9	S/MH(C0/180)	1.18	
NOMINAL POWER(W)	19	LOR(%)	100.0	S/MH(C90/270)	1.17	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1287.8	η UP,DN(C0-180)	0.9,48.2	
NOMINAL FLUX(lm)	1287.83	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.8,50.0	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	240	η down (%)	98.3	CIBSE SHR MAX	1.15	

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:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
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	776.9	775.5	779.5	784.2	786.3	786.0	783.1	776.9	0- 10	75.48	75.48	5.86,5.86
20	713.2	710.4	717.8	728.4	730.5	731.7	725.4	714.9	10- 20	213.0	288.5	22.4,22.4
30	608.2	601.1	612.2	629.3	632.6	637.8	628.6	612.4	20- 30	310.8	599.4	46.5,46.5
40	411.9	399.8	416.8	447.7	452.4	461.0	446.1	418.4	30- 40	332.8	932.2	72.4,72.4
50	179.9	169.5	183.3	214.6	221.2	230.1	213.2	185.0	40- 50	242.1	1174	91.2,91.2
60	9.718	6.005	11.72	25.87	29.26	34.56	24.96	12.18	50- 60	87.91	1262	98,98
70	0.3551	0.3559	0.4234	0.4710	0.3355	0.3272	0.3005	0.2631	60- 70	2.927	1265	98.2,98.2
80	0.1217	0.1220	0.1410	0.1787	0.0653	0.0654	0.0751	0.0564	70- 80	0.2242	1265	98.3,98.3
90	0.0840	0.0749	0.0751	0.0752	0.0566	0.0562	0.0752	0.0941	80- 90	0.0905	1265	98.3,98.3
100	0.4850	0.5232	0.4691	0.4029	0.3554	0.3372	0.3671	0.4430	90-100	0.2308	1266	98.3,98.3
110	1.464	1.534	1.455	1.287	1.139	1.077	1.147	1.289	100-110	0.8643	1267	98.3,98.3
120	2.977	3.039	2.929	2.707	2.437	2.360	2.452	2.662	110-120	1.936	1268	98.5,98.5
130	4.722	4.798	4.677	4.447	4.127	4.007	4.125	4.366	120-130	3.157	1272	98.7,98.7
140	6.430	6.532	6.441	6.215	5.844	5.728	5.835	6.066	130-140	4.074	1276	99.1,99.1
150	8.008	8.094	8.048	7.804	7.393	7.309	7.439	7.647	140-150	4.329	1280	99.4,99.4
160	9.602	9.656	9.683	9.448	9.082	8.984	9.158	9.302	150-160	3.930	1284	99.7,99.7
170	10.81	10.91	10.90	10.85	10.60	10.56	10.61	10.75	160-170	2.845	1287	99.9,99.9
180	11.25	11.33	11.32	11.44	11.29	11.39	11.34	11.44	170-180	1.054	1288	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1070.5 lm

%lum = 83.1%

%lamp = 83.1%

Conical surface Flux(120deg): 1262.2 lm

%lum = 98.0%

%lamp = 98.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz

Lamp Flux:1287.83x1 lm

NAME: R603 B3K (600MA)

TYPE:

WEIGHT:

SPEC.:

DIM.:

SERIAL No.: 1

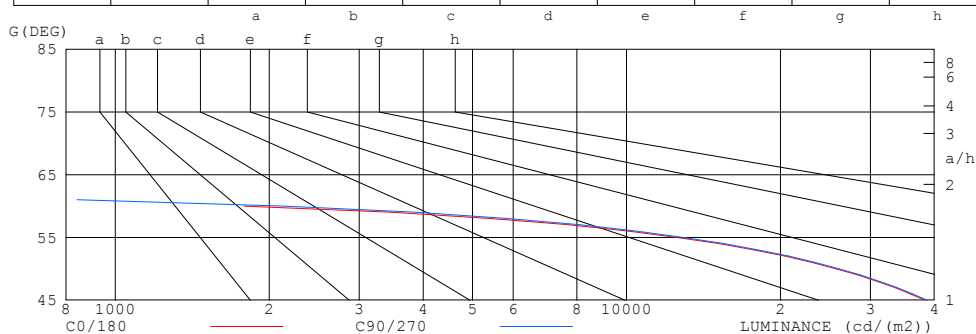
MFR.:

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	89	89
80	64	74
75	73	86
70	95	113
65	134	160
60	1786	2141
55	12563	12930
50	25716	26038
45	38375	38733

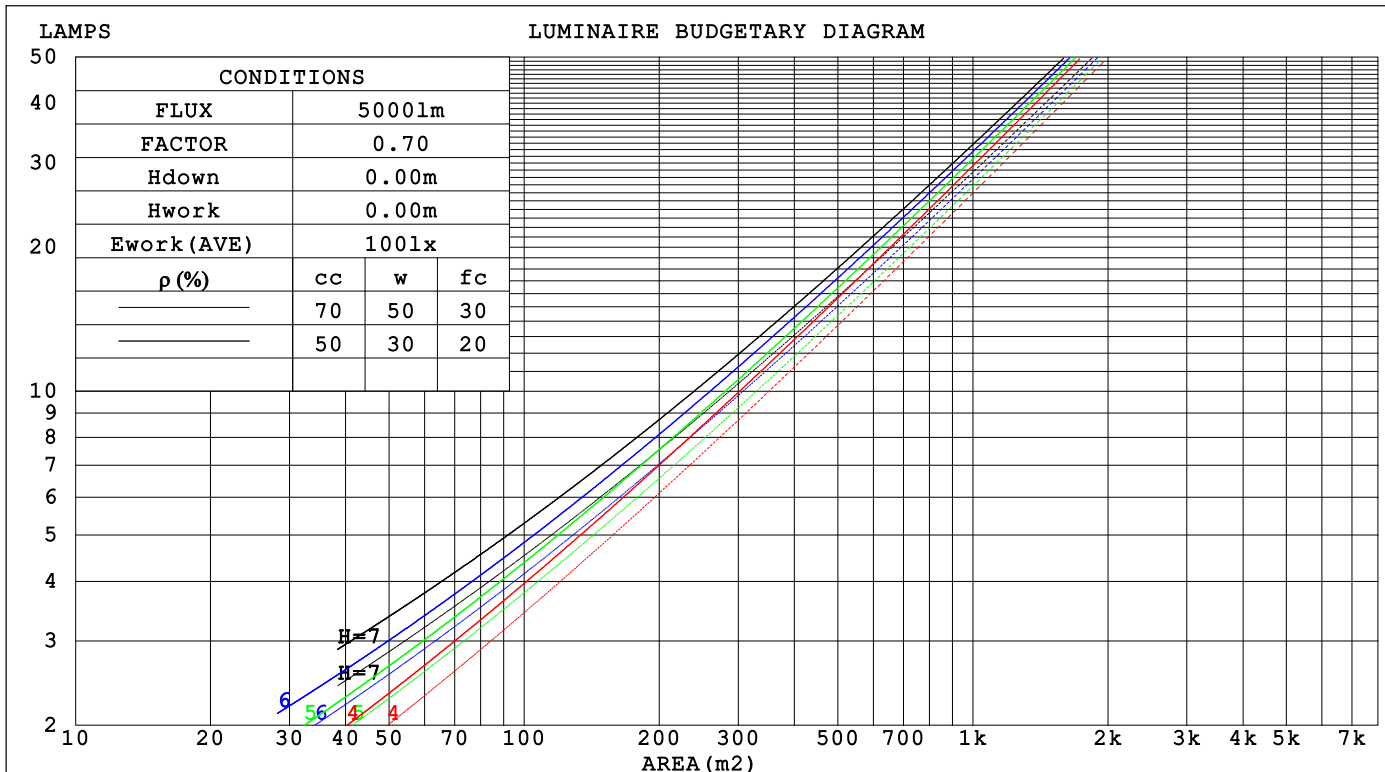
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.09	1.06	1.03	1.06	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	.99	.95	.91	.97	.93	.89	.94	.90	.87	.91	.88	.85	.87	.85	.83	.81
3.0	.91	.85	.80	.89	.84	.79	.86	.82	.78	.83	.80	.76	.81	.78	.75	.73
4.0	.83	.76	.71	.82	.75	.71	.79	.74	.70	.77	.72	.69	.75	.71	.68	.66
5.0	.76	.69	.64	.75	.68	.63	.73	.67	.63	.71	.66	.62	.69	.65	.61	.60
6.0	.70	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.64	.59	.56	.54
7.0	.64	.57	.52	.64	.57	.52	.62	.56	.52	.61	.55	.51	.59	.54	.51	.49
8.0	.60	.52	.48	.59	.52	.47	.57	.51	.47	.56	.51	.47	.55	.50	.46	.45
9.0	.55	.48	.44	.55	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41
10.0	.51	.45	.40	.51	.44	.40	.50	.44	.40	.49	.43	.40	.48	.43	.39	.38



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
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	.206	.117	.037	.199	.114	.036	.185	.106	.034	.173	.100	.032	.161	.093	.030		
2.0	.202	.111	.034	.196	.108	.033	.184	.102	.032	.173	.097	.030	.163	.092	.029		
3.0	.194	.104	.031	.189	.101	.030	.179	.097	.029	.169	.093	.028	.160	.089	.027		
4.0	.186	.097	.028	.181	.095	.028	.172	.091	.027	.164	.088	.027	.156	.085	.026		
5.0	.178	.090	.026	.173	.089	.026	.165	.086	.025	.158	.083	.025	.151	.081	.024		
6.0	.169	.085	.024	.165	.084	.024	.158	.081	.024	.151	.079	.023	.145	.076	.023		
7.0	.161	.080	.023	.158	.079	.022	.151	.076	.022	.145	.074	.022	.140	.073	.021		
8.0	.154	.075	.021	.151	.074	.021	.145	.072	.021	.139	.071	.020	.134	.069	.020		
9.0	.146	.071	.020	.144	.070	.020	.138	.068	.019	.133	.067	.019	.129	.065	.019		
10.0	.140	.067	.019	.137	.066	.018	.132	.065	.018	.128	.064	.018	.124	.062	.018		

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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022		
1.0	.187	.170	.156	.160	.146	.134	.109	.101	.093	.063	.058	.054	.020	.019	.017		
2.0	.174	.146	.122	.149	.126	.106	.102	.087	.074	.059	.051	.043	.019	.016	.014		
3.0	.163	.127	.099	.140	.110	.085	.096	.076	.060	.056	.045	.035	.018	.014	.012		
4.0	.155	.113	.081	.133	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010		
5.0	.147	.102	.069	.127	.088	.060	.087	.062	.042	.051	.036	.025	.016	.012	.008		
6.0	.141	.093	.059	.121	.081	.052	.084	.057	.036	.048	.033	.022	.016	.011	.007		
7.0	.135	.086	.052	.116	.075	.045	.080	.052	.032	.047	.031	.019	.015	.010	.006		
8.0	.129	.080	.047	.111	.070	.041	.077	.049	.029	.045	.029	.017	.015	.009	.006		
9.0	.124	.075	.042	.107	.065	.037	.074	.046	.026	.043	.027	.016	.014	.009	.005		
10.0	.120	.071	.039	.103	.062	.034	.072	.043	.024	.042	.026	.014	.014	.008	.005		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm										
NAME: R603 B3K (600MA)					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 1		
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	21.4	22.5	21.7	22.8	23.0	21.4	22.5	21.7	22.7	23.0
3H	21.2	22.2	21.5	22.5	22.7	21.2	22.2	21.5	22.5	22.7
4H	21.1	22.1	21.4	22.3	22.6	21.1	22.1	21.4	22.3	22.6
6H	21.0	21.9	21.3	22.2	22.5	21.0	21.9	21.3	22.2	22.5
8H	21.0	21.8	21.3	22.1	22.4	20.9	21.8	21.3	22.1	22.4
12H	20.9	21.7	21.3	22.1	22.4	20.9	21.7	21.3	22.0	22.4
4H 2H	21.1	22.1	21.5	22.4	22.7	21.1	22.1	21.5	22.4	22.6
3H	20.9	21.8	21.3	22.1	22.4	20.9	21.8	21.3	22.1	22.4
4H	20.8	21.6	21.2	21.9	22.3	20.8	21.6	21.2	21.9	22.3
6H	20.7	21.4	21.2	21.8	22.2	20.7	21.4	21.2	21.8	22.2
8H	20.7	21.3	21.1	21.7	22.1	20.7	21.3	21.1	21.7	22.1
12H	20.6	21.2	21.1	21.6	22.0	20.6	21.2	21.1	21.6	22.0
8H 4H	20.7	21.3	21.1	21.7	22.1	20.7	21.3	21.1	21.7	22.1
6H	20.6	21.1	21.1	21.5	22.0	20.6	21.1	21.1	21.5	22.0
8H	20.5	21.0	21.0	21.4	21.9	20.5	21.0	21.0	21.4	21.9
12H	20.5	20.9	21.0	21.3	21.8	20.5	20.9	21.0	21.3	21.8
12H 4H	20.6	21.2	21.1	21.6	22.0	20.6	21.2	21.1	21.6	22.0
6H	20.5	21.0	21.0	21.4	21.9	20.5	21.0	21.0	21.4	21.9
8H	20.5	20.9	21.0	21.3	21.8	20.5	20.9	21.0	21.3	21.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 8.8					+ 2.3 / - 8.8				
1.5H	+ 2.0 / - 5.4					+ 2.0 / - 5.4				
2.0H	+ 5.3 / -30.4					+ 5.4 / -29.9				

CIE Pub.117, 1288 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.9)
Area: 0.0109359 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

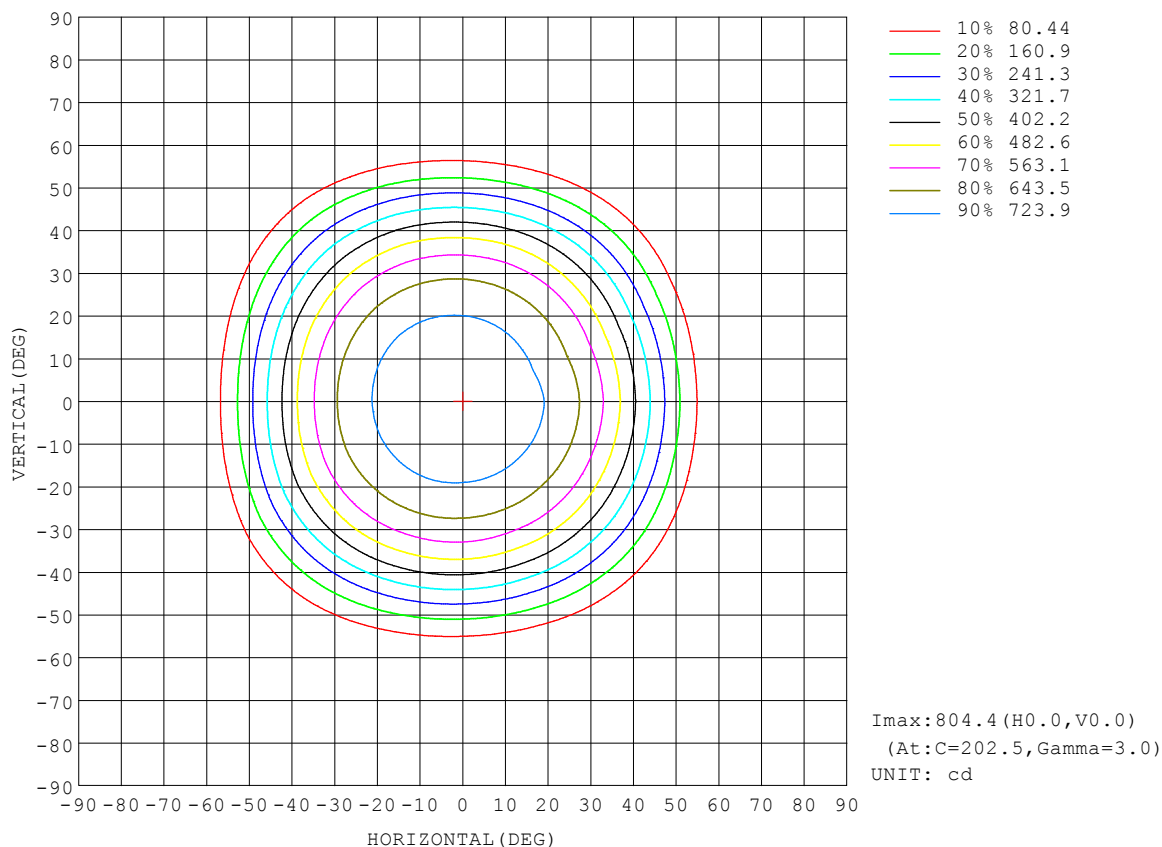
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	65	60	73	65	60	72	64	59	54
0.80	83	75	70	82	75	70	81	74	69	64
1.00	91	83	78	90	83	78	88	83	77	72
1.25	96	90	85	95	89	84	93	87	83	78
1.50	100	94	89	99	93	89	96	91	88	82
2.00	105	99	95	103	98	94	100	96	93	86
2.50	107	102	98	105	100	97	101	98	95	88
3.00	109	104	101	107	103	100	103	100	97	90
4.00	111	107	105	109	106	103	105	102	100	92
5.00	112	109	107	110	107	105	106	104	102	93
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: 2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

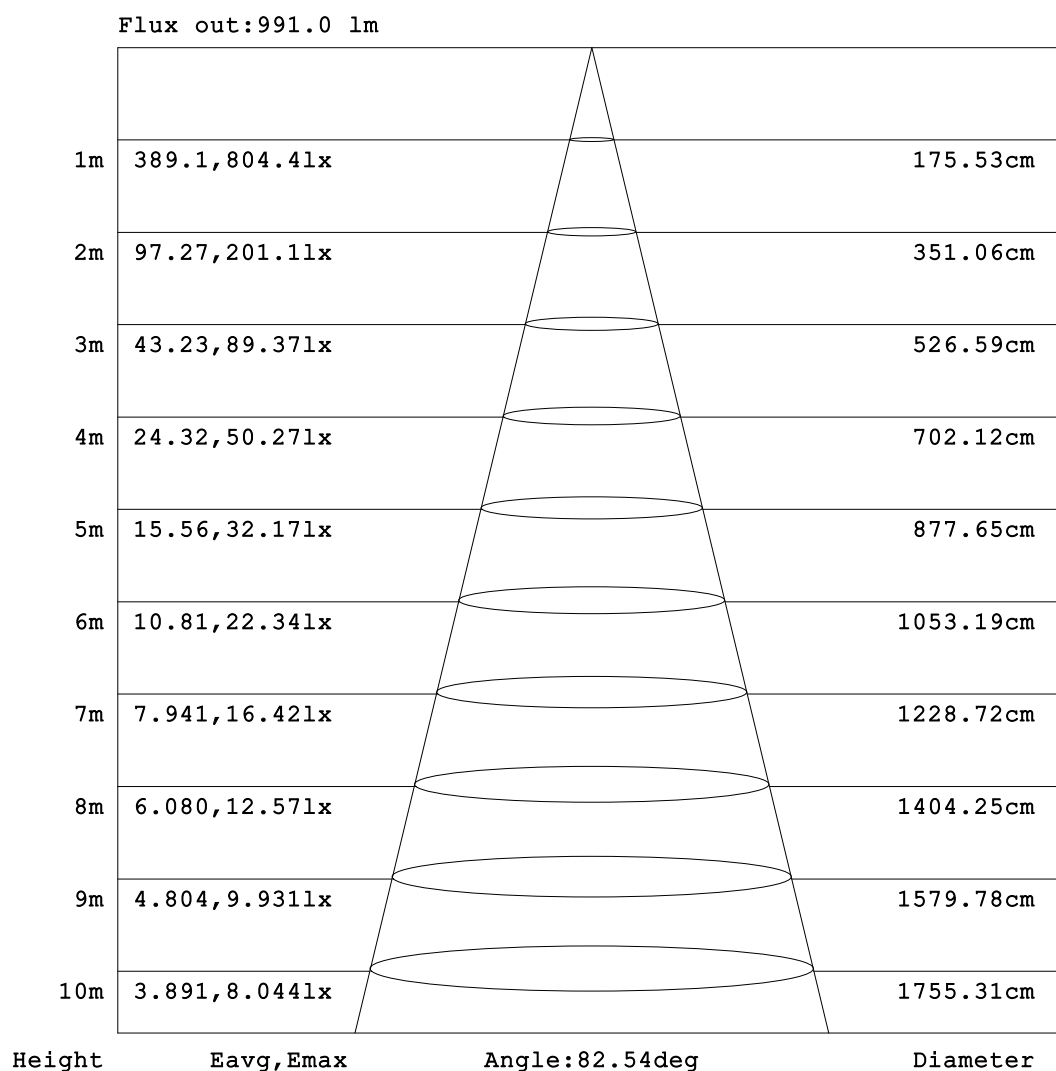


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

AAI Figure

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



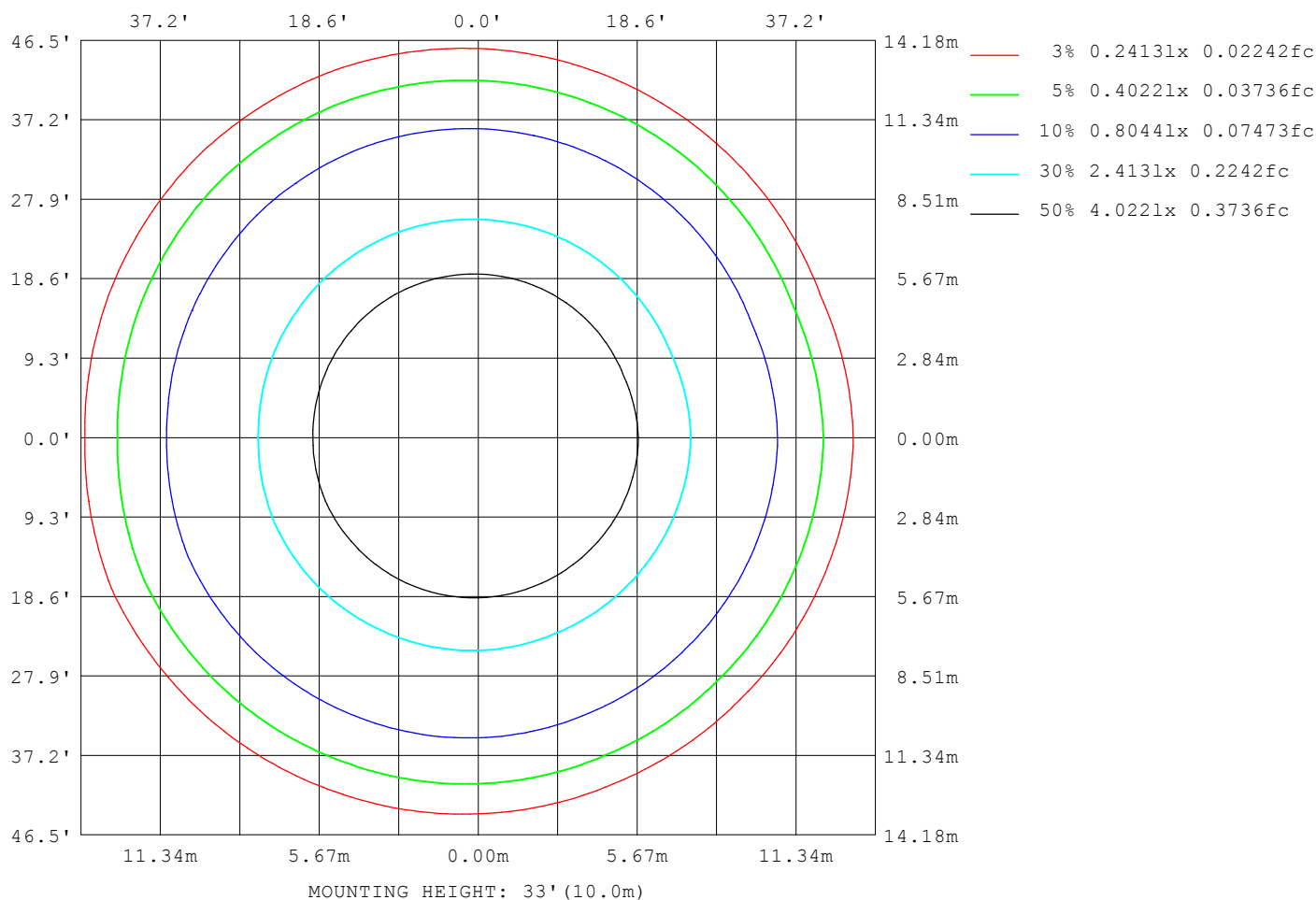
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2022-12-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2022-12-14

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

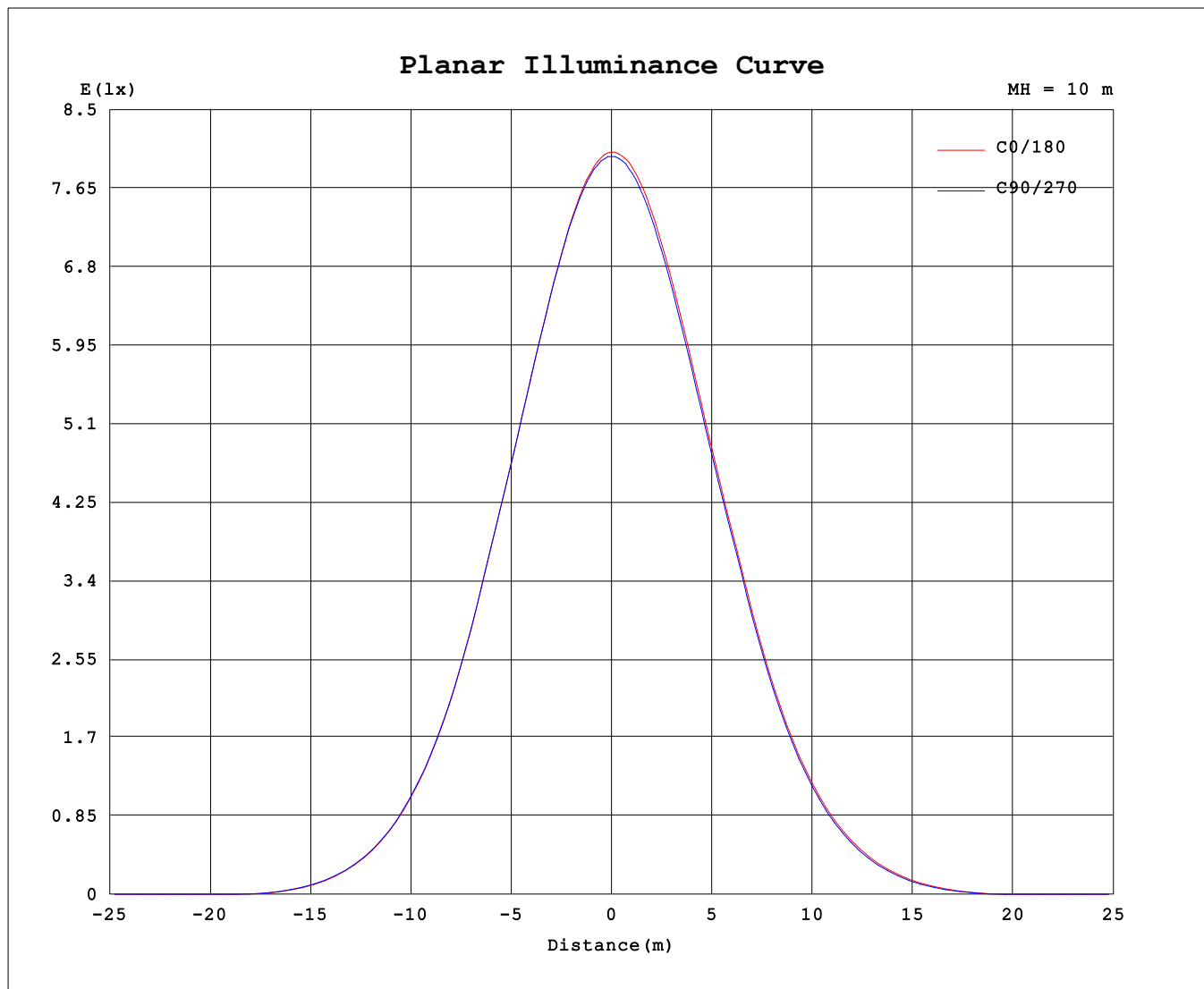
AvgL	cd/m2
L_0~180 (65) av	145
L_0~180 (75) av	66
L_0~180 (85) av	73
L_90~270 (65) av	146
L_90~270 (75) av	71
L_90~270 (85) av	74
L_45 (65) av	145
L_45 (75) av	69
L_45 (85) av	76

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2022-12-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.457
 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: 2022-12-14

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.457
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:239.28V I:0.0752A P:17.354W PF:0.9640 Freq:49.99Hz Lamp Flux:1287.83x1 lm		
NAME: R603 B3K (600MA)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
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	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801			
5	794	794	793	794	796	797	798	797	798	798	798	797	796	796	794	791			
10	777	776	776	777	779	783	784	786	786	787	786	785	783	781	777	774			
15	751	750	748	750	754	758	761	765	763	765	764	763	760	756	751	747			
20	713	712	710	713	718	724	728	733	730	733	732	729	725	721	715	709			
25	666	664	661	665	671	677	684	690	687	690	690	687	682	676	669	661			
30	608	605	601	604	612	621	629	638	633	637	638	634	629	621	612	603			
35	520	513	510	512	525	537	552	562	556	562	563	560	549	540	525	513			
40	412	404	400	403	417	430	448	461	452	459	461	457	446	434	418	404			
45	295	288	283	287	300	314	333	348	338	345	347	343	331	318	302	286			
50	180	174	170	172	183	197	215	230	221	228	230	225	213	200	185	171			
55	78.4	73.5	70.3	72.5	81.2	92.2	107	120	113	119	121	116	105	94.2	82.5	71.5			
60	9.72	7.27	6.00	7.31	11.7	17.6	25.9	34.5	29.3	32.9	34.6	31.4	25.0	18.4	12.2	6.93			
65	0.62	0.50	0.63	0.58	0.74	0.71	0.85	0.77	0.73	0.81	0.70	0.78	0.61	0.68	0.51	0.58			
70	0.36	0.25	0.36	0.29	0.42	0.36	0.47	0.40	0.34	0.44	0.33	0.42	0.30	0.40	0.26	0.33			
75	0.21	0.15	0.22	0.14	0.24	0.16	0.28	0.19	0.17	0.27	0.15	0.26	0.16	0.24	0.13	0.20			
80	0.12	0.08	0.12	0.07	0.14	0.08	0.18	0.08	0.07	0.17	0.07	0.17	0.08	0.15	0.06	0.12			
85	0.08	0.08	0.07	0.07	0.08	0.08	0.10	0.08	0.06	0.10	0.06	0.10	0.06	0.09	0.06	0.08			
90	0.08	0.14	0.07	0.14	0.08	0.10	0.08	0.08	0.06	0.07	0.06	0.05	0.08	0.06	0.09	0.07			
95	0.20	0.32	0.22	0.31	0.19	0.26	0.14	0.22	0.17	0.07	0.16	0.07	0.17	0.11	0.22	0.16			
100	0.49	0.60	0.52	0.62	0.47	0.53	0.40	0.45	0.36	0.28	0.34	0.28	0.37	0.30	0.44	0.41			
105	0.90	1.04	0.96	1.05	0.88	0.92	0.78	0.81	0.67	0.57	0.65	0.56	0.70	0.64	0.80	0.77			
110	1.46	1.60	1.53	1.60	1.45	1.48	1.29	1.31	1.14	1.01	1.08	1.02	1.15	1.13	1.29	1.29			
115	2.15	2.30	2.23	2.31	2.13	2.15	1.94	1.95	1.73	1.61	1.65	1.57	1.75	1.73	1.93	1.94			
120	2.98	3.11	3.04	3.10	2.93	2.95	2.71	2.69	2.44	2.29	2.36	2.28	2.45	2.46	2.66	2.69			
125	3.83	3.96	3.90	3.97	3.78	3.78	3.56	3.54	3.25	3.10	3.15	3.08	3.25	3.27	3.48	3.52			
130	4.72	4.87	4.80	4.86	4.68	4.67	4.45	4.41	4.13	3.96	4.01	3.94	4.12	4.15	4.37	4.40			
135	5.61	5.76	5.69	5.75	5.58	5.57	5.36	5.32	4.99	4.84	4.88	4.82	4.99	5.00	5.23	5.27			
140	6.43	6.58	6.53	6.58	6.44	6.43	6.22	6.18	5.84	5.68	5.73	5.68	5.83	5.85	6.07	6.09			
145	7.22	7.35	7.33	7.39	7.25	7.23	7.00	6.99	6.61	6.45	6.52	6.46	6.64	6.64	6.86	6.86			
150	8.01	8.14	8.09	8.19	8.05	8.02	7.80	7.79	7.39	7.24	7.31	7.26	7.44	7.45	7.65	7.65			
155	8.82	8.95	8.89	9.01	8.87	8.86	8.63	8.62	8.22	8.05	8.13	8.12	8.30	8.29	8.46	8.46			
160	9.60	9.74	9.66	9.81	9.68	9.65	9.45	9.46	9.08	8.95	8.98	8.97	9.16	9.15	9.30	9.32			
165	10.3	10.4	10.3	10.5	10.4	10.4	10.2	10.2	9.92	9.76	9.82	9.82	10.00	9.95	10.1	10.1			
170	10.8	11.0	10.9	11.0	10.9	11.0	10.8	10.9	10.6	10.5	10.6	10.5	10.6	10.6	10.7	10.7			
175	11.2	11.3	11.2	11.4	11.3	11.4	11.3	11.3	11.1	11.0	11.1	11.0	11.1	11.1	11.2	11.1			
180	11.2	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.4	11.3	11.3	11.4	11.4	11.3			

C Range: 0 - 360DEG
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