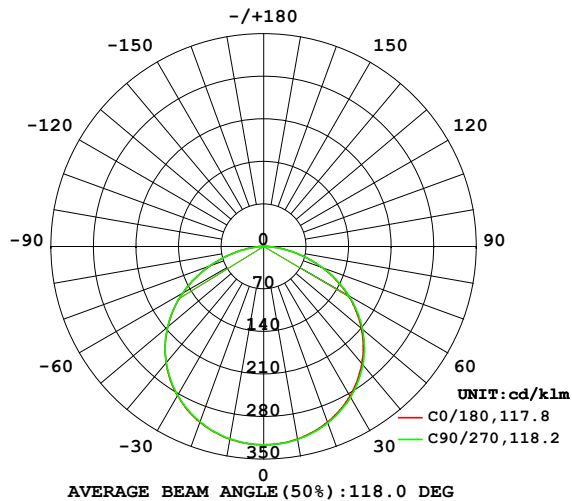


LUMINAIRE PHOTOMETRIC TEST REPORT

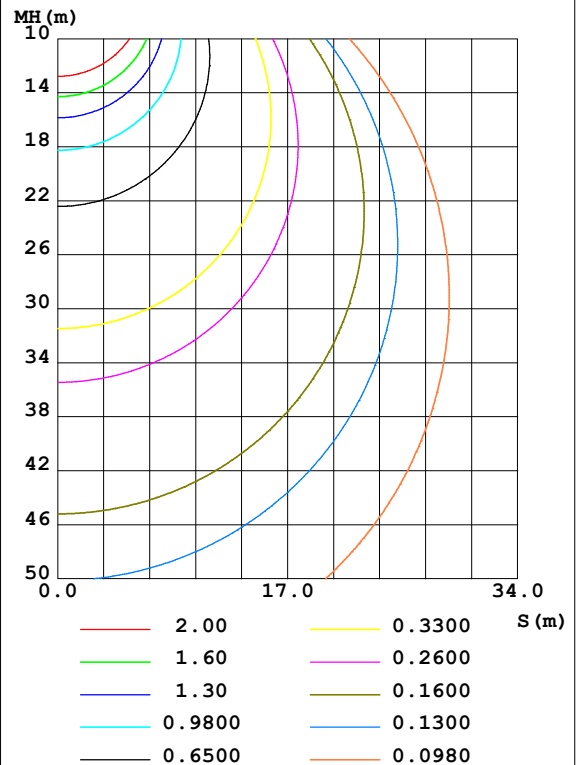
Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.59 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	326.4	S/MH(C0/180)	1.29
NOMINAL POWER(W)	14.47	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP,DN(C0-180)	0.6,50.2
NOMINAL FLUX(lm)	1629.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,48.6
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	98.9	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx/klm)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

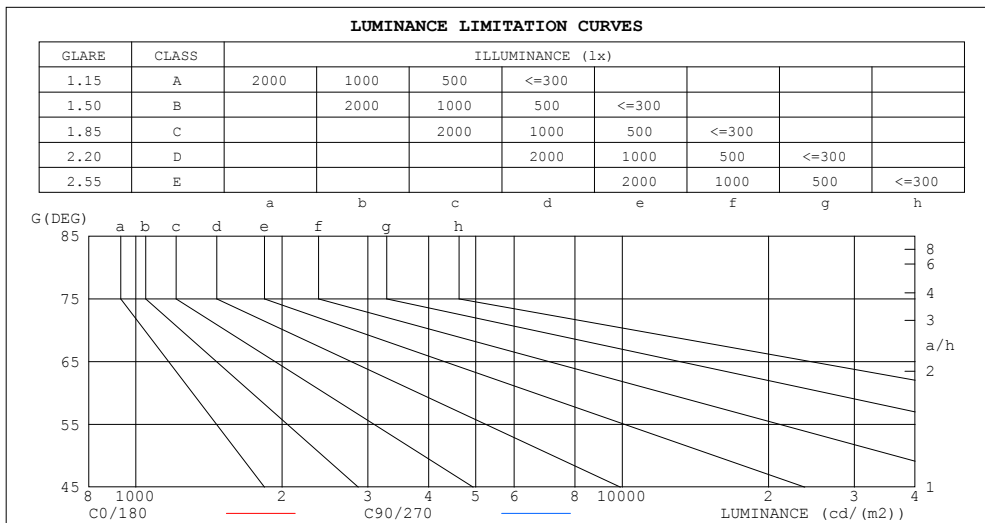
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	321.7	322.1	322.3	322.3	321.9	321.5	321.3	321.3	0- 10	30.94	30.94	3.09,3.09
20	307.6	308.4	309.0	308.7	307.5	306.9	306.8	306.9	10- 20	89.24	120.2	12,12
30	284.3	285.5	286.4	285.6	283.6	282.8	283.0	283.3	20- 30	137.1	257.2	25.7,25.7
40	251.7	253.3	254.2	252.8	249.8	248.8	249.5	250.4	30- 40	168.3	425.5	42.6,42.6
50	210.1	212.0	212.6	210.4	206.4	205.3	206.6	208.4	40- 50	178.4	603.9	60.4,60.4
60	160.0	162.0	162.0	159.0	154.1	152.7	154.7	157.6	50- 60	164.7	768.6	76.9,76.9
70	103.0	104.7	103.9	100.3	94.44	92.48	94.88	99.19	60- 70	127.6	896.2	89.6,89.6
80	44.07	45.03	43.64	40.77	36.09	33.11	35.62	40.57	70- 80	72.75	969.0	96.9,96.9
90	5.319	4.618	2.997	3.202	1.565	1.159	0.4807	4.388	80- 90	19.65	988.6	98.9,98.9
100	0.9235	0.8531	0.8723	0.8756	0.7862	0.8041	0.8282	0.8137	90-100	1.378	990.0	99,99
110	1.194	1.204	1.335	1.335	1.172	1.231	1.253	1.143	100-110	1.083	991.1	99.1,99.1
120	1.629	1.607	1.758	1.782	1.607	1.696	1.671	1.551	110-120	1.436	992.5	99.3,99.3
130	2.045	2.046	2.148	2.183	2.011	2.107	2.059	1.941	120-130	1.673	994.2	99.4,99.4
140	2.415	2.408	2.481	2.523	2.388	2.461	2.398	2.306	130-140	1.738	995.9	99.6,99.6
150	2.775	2.734	2.757	2.810	2.722	2.739	2.663	2.609	140-150	1.615	997.5	99.8,99.8
160	3.043	2.966	2.950	3.006	2.973	2.938	2.850	2.835	150-160	1.312	998.9	99.9,99.9
170	3.139	3.067	3.039	3.090	3.125	3.097	3.009	3.008	160-170	0.8543	999.7	100,100
180	3.159	3.133	3.084	3.100	3.157	3.133	3.081	3.100	170-180	0.2941	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	369334	351826
80	414243	409630
75	460956	462026
70	491537	495205
65	510656	515665
60	522351	527992
55	529556	535295
50	533451	539057
45	535567	540555

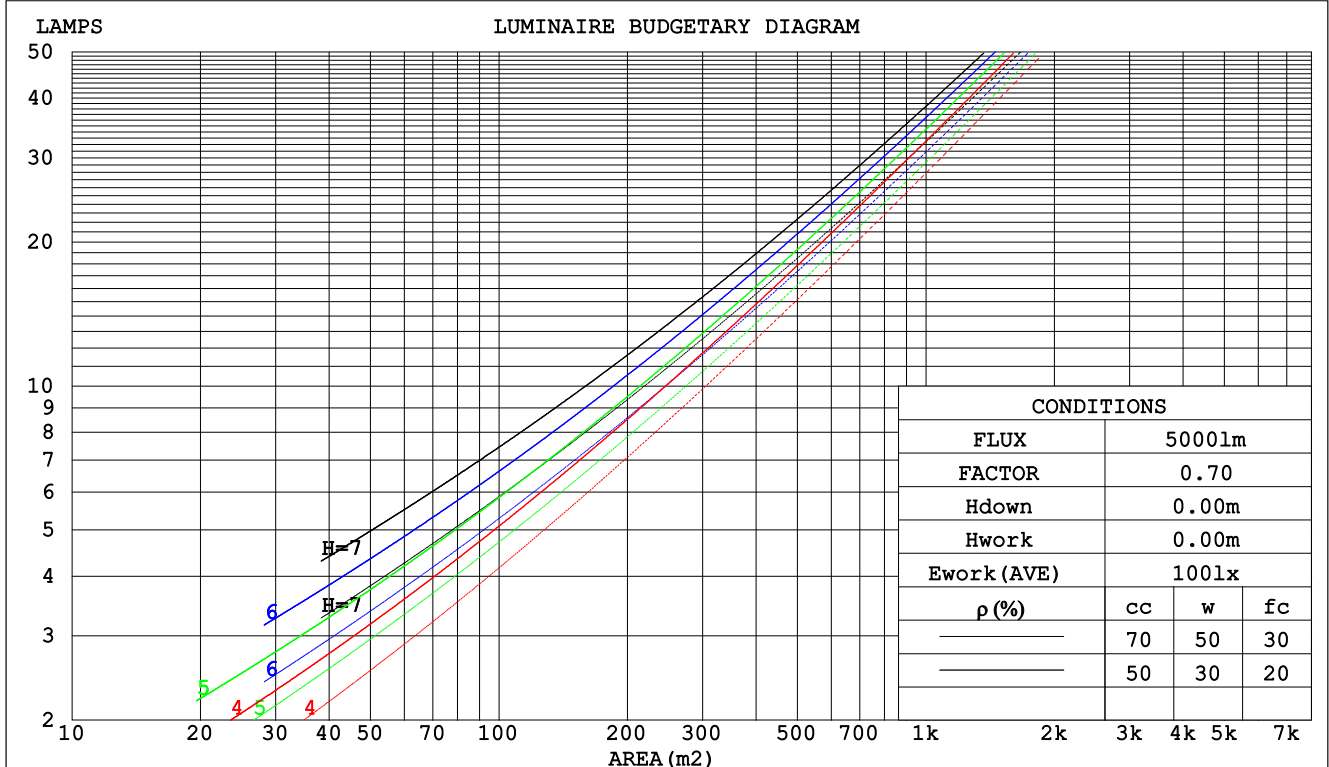
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

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	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.57	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.46	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:MO FU MEI
 Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

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	.315	.179	.057	.307	.175	.056	.293	.168	.054	.280	.162	.052	.269	.156	.050		
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.255	.144	.045		
3.0	.273	.146	.044	.268	.143	.043	.257	.139	.042	.247	.135	.041	.237	.131	.041		
4.0	.252	.131	.039	.247	.129	.038	.237	.126	.038	.228	.123	.037	.220	.119	.036		
5.0	.233	.119	.034	.228	.117	.034	.220	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021		

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.189	.165	.143	.162	.141	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.182	.141	.106	.156	.121	.092	.107	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.174	.123	.083	.149	.106	.072	.102	.074	.050	.059	.043	.030	.019	.014	.010	
4.0	.166	.110	.067	.143	.095	.058	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.056	.137	.086	.048	.094	.060	.034	.055	.035	.020	.018	.012	.007	
6.0	.152	.091	.048	.131	.079	.042	.090	.055	.029	.052	.033	.018	.017	.011	.006	
7.0	.145	.084	.042	.125	.073	.037	.086	.051	.026	.050	.030	.015	.016	.010	.005	
8.0	.139	.079	.037	.119	.068	.033	.083	.048	.023	.048	.028	.014	.016	.009	.005	
9.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
10.0	.127	.069	.031	.109	.060	.027	.076	.042	.019	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm										
NAME: SC-IG-WW					TYPE:Strip			WEIGHT:0.01Kg		
SPEC.:14.4W					DIM.: 1000*10*2 (MM)			SERIAL No.:001		
MFR.: Signcomplex					SUR.:1000*10 (MM)			Shielding Angle:120		
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	33.1	34.6	33.4	34.8	35.1	33.1	34.7	33.4	34.9	35.1
3H	34.7	36.1	35.0	36.4	36.6	34.8	36.2	35.1	36.4	36.7
4H	35.4	36.7	35.7	37.0	37.3	35.4	36.8	35.7	37.0	37.3
6H	35.8	37.1	36.2	37.4	37.7	35.9	37.1	36.2	37.4	37.7
8H	36.0	37.2	36.3	37.5	37.8	36.0	37.2	36.4	37.5	37.8
12H	36.1	37.2	36.4	37.6	37.9	36.1	37.3	36.5	37.6	37.9
4H 2H	33.7	35.1	34.1	35.4	35.6	33.8	35.1	34.1	35.4	35.7
3H	35.6	36.7	35.9	37.0	37.4	35.6	36.8	36.0	37.1	37.4
4H	36.3	37.4	36.7	37.8	38.1	36.4	37.4	36.8	37.8	38.1
6H	36.9	37.9	37.3	38.3	38.6	37.0	37.9	37.4	38.3	38.7
8H	37.1	38.0	37.6	38.4	38.8	37.1	38.0	37.6	38.4	38.8
12H	37.3	38.1	37.7	38.5	38.9	37.3	38.1	37.7	38.5	38.9
8H 4H	36.6	37.5	37.1	37.9	38.3	36.7	37.5	37.1	37.9	38.3
6H	37.4	38.1	37.8	38.5	39.0	37.4	38.1	37.9	38.6	39.0
8H	37.7	38.3	38.1	38.8	39.2	37.7	38.3	38.2	38.8	39.3
12H	37.9	38.5	38.4	38.9	39.4	37.9	38.4	38.4	38.9	39.4
12H 4H	36.6	37.5	37.1	37.9	38.3	36.7	37.5	37.1	37.9	38.3
6H	37.4	38.1	37.9	38.5	39.0	37.5	38.1	37.9	38.6	39.0
8H	37.8	38.3	38.3	38.8	39.3	37.8	38.3	38.3	38.8	39.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1630 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.7$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

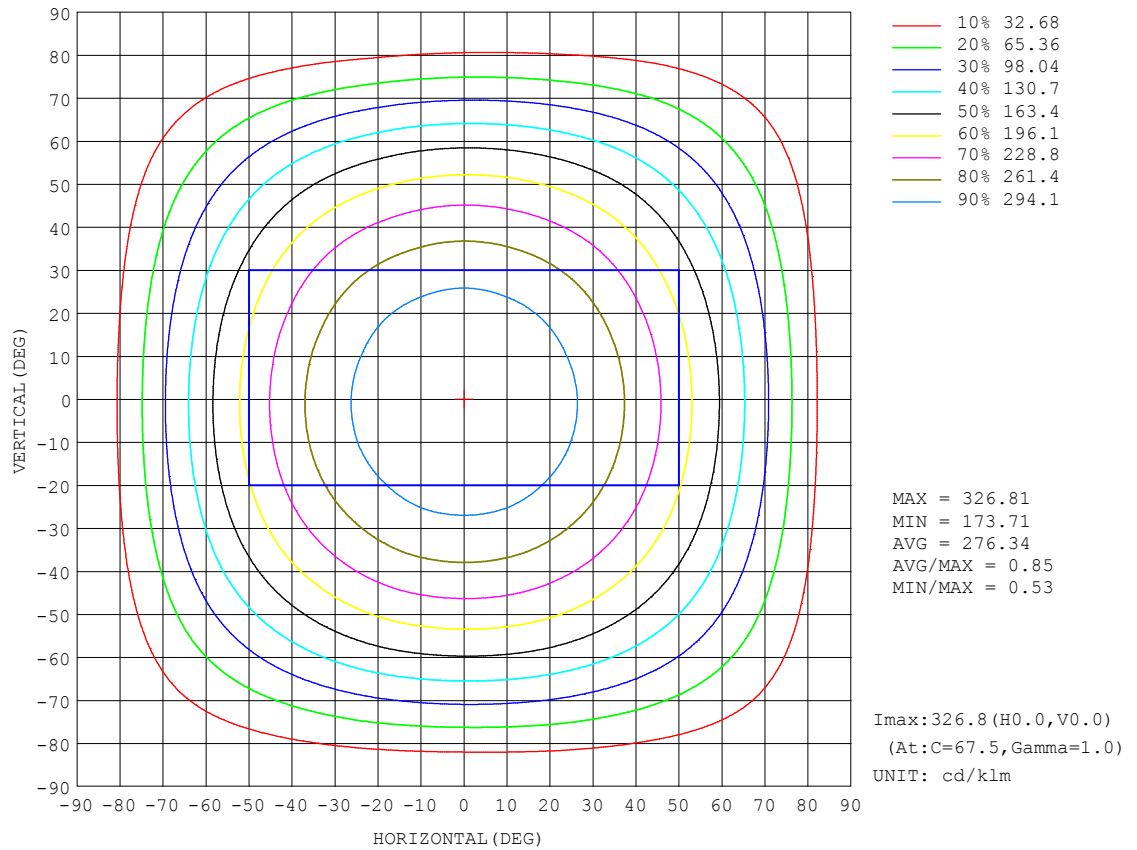
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) × RCR = 5									
k = 0.60	56	45	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

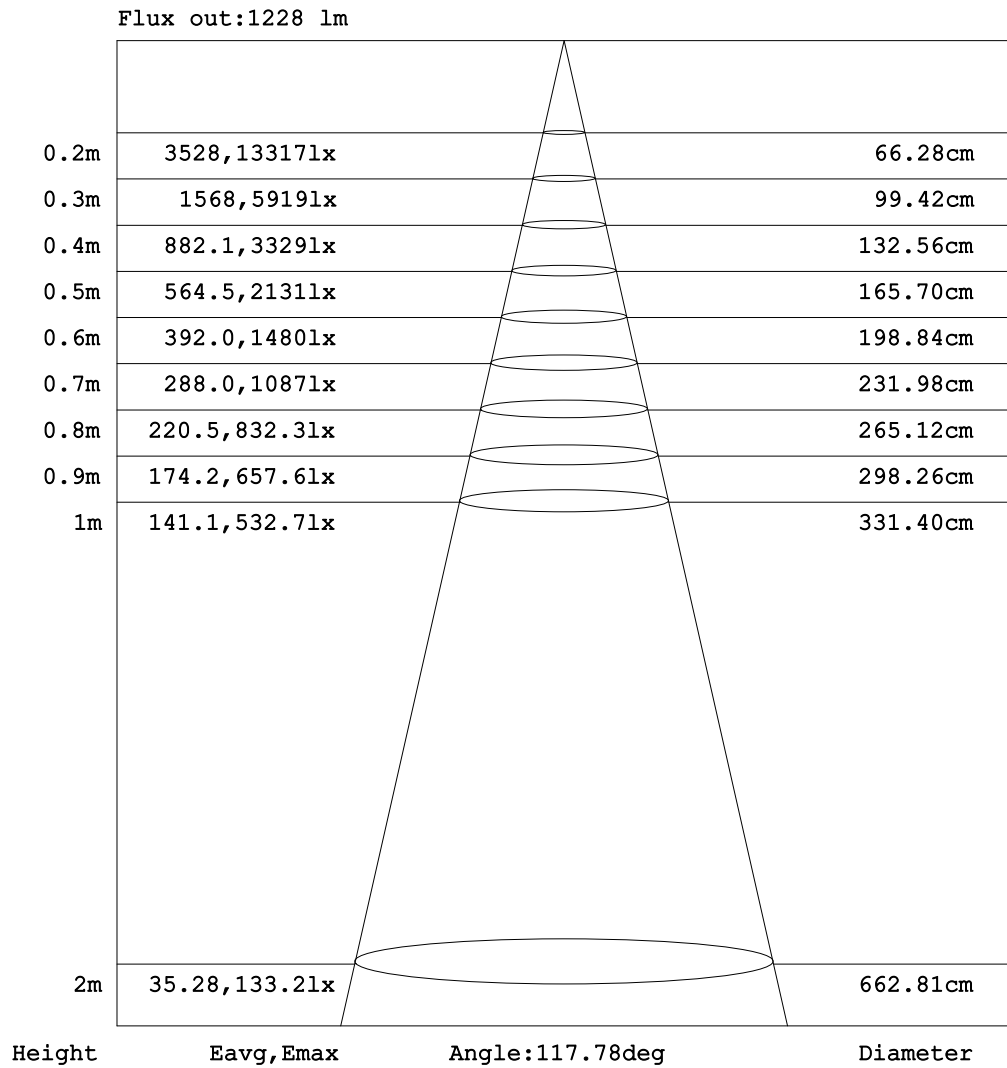


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:MO FU MEI
 Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120



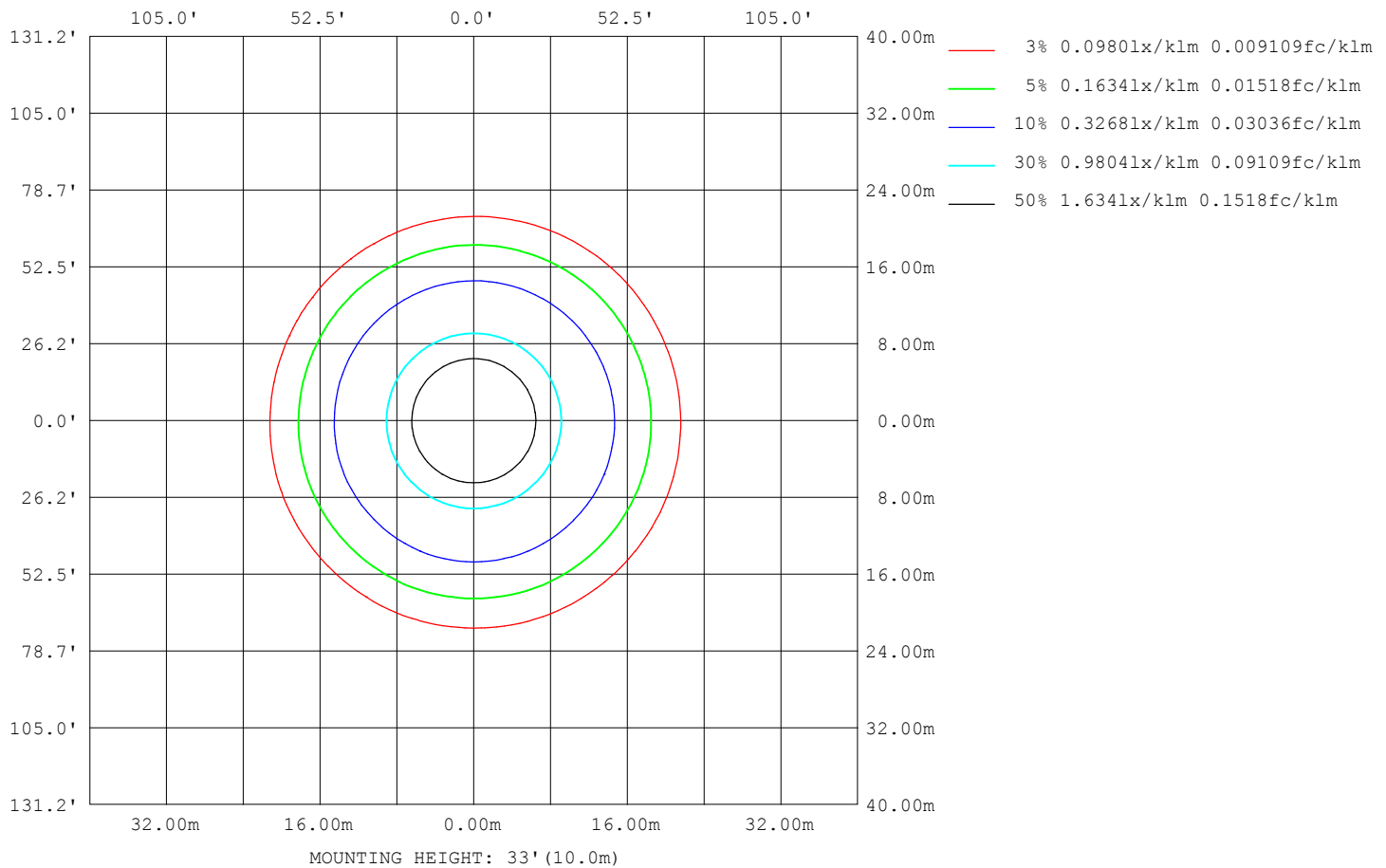
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:MO FU MEI
 Test Date:2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

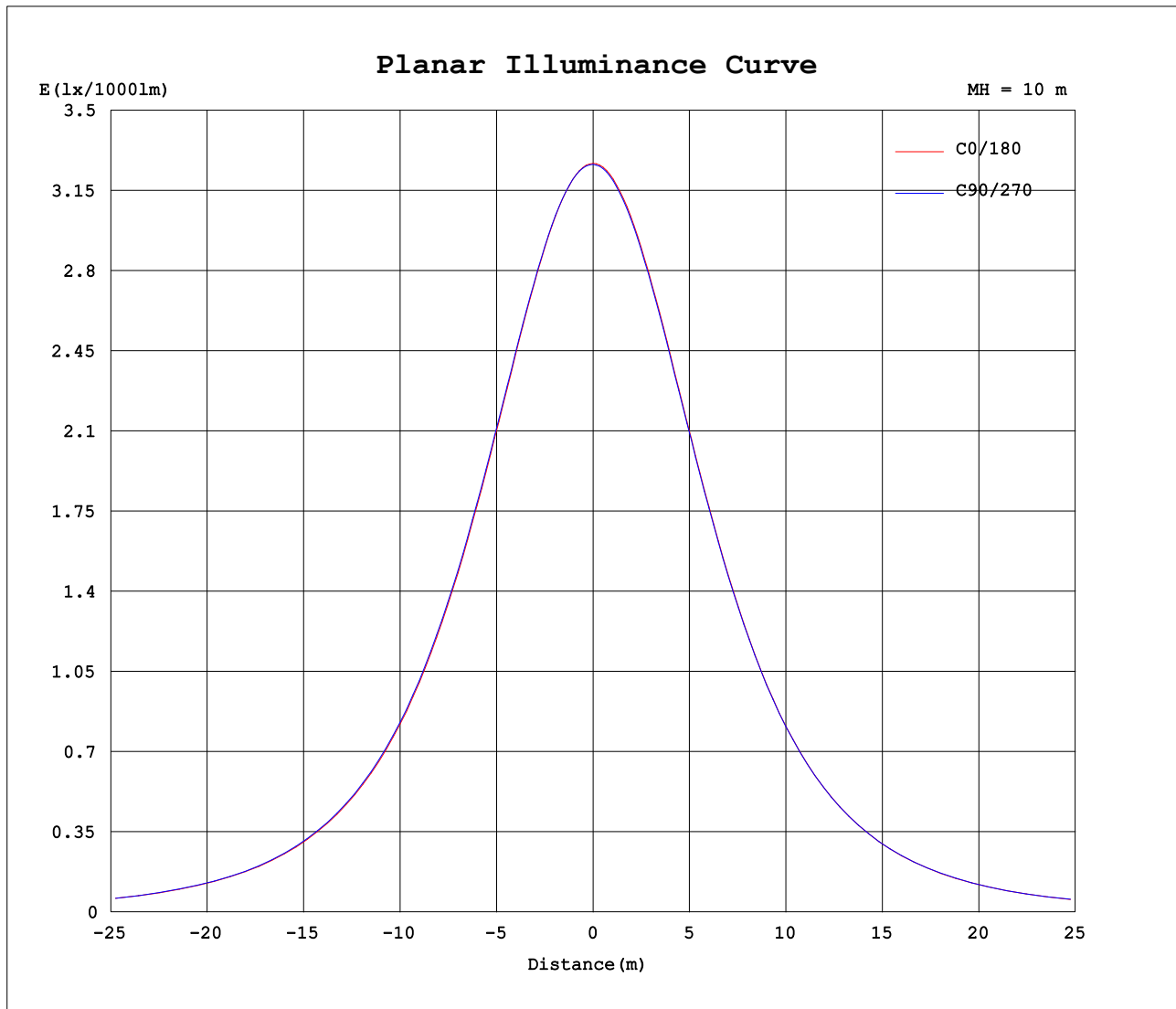
AvgL	cd/m2
L_0~180 (65) av	495231
L_0~180 (75) av	432565
L_0~180 (85) av	313745
L_90~270 (65) av	499047
L_90~270 (75) av	433856
L_90~270 (85) av	292932
L_45 (65) av	497908
L_45 (75) av	433675
L_45 (85) av	306746

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:MO FU MEI
Test Date:2018-1-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: MO FU MEI
 Test Date: 2018-1-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.6030A P:14.48W PF:1.000 Freq:0Hz Lamp Flux:1629.9x1 lm		
NAME: SC-IG-WW	TYPE:Strip	WEIGHT:0.01Kg
SPEC.:14.4W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Signcomplex	SUR.:1000*10 (MM)	Shielding Angle:120

Table--1

UNIT: cd/klm

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	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326	326			
5	325	325	325	326	325	326	325	326	325	325	325	325	325	325	325	325			
10	322	322	322	322	322	322	322	322	322	321	321	321	321	321	321	321			
15	316	316	316	317	317	317	317	317	316	315	315	315	315	315	315	315			
20	308	308	308	309	309	309	309	309	307	307	307	307	307	307	307	307			
25	297	298	298	299	299	299	298	298	297	296	296	296	296	296	296	296			
30	284	285	286	287	286	287	286	285	284	283	283	282	283	283	283	283			
35	269	270	271	272	271	272	270	270	268	267	267	267	267	267	268	268			
40	252	253	253	254	254	254	253	252	250	249	249	249	250	250	250	250			
45	232	233	234	235	234	234	233	232	229	228	228	228	229	229	231	230			
50	210	212	212	213	213	212	210	209	206	205	205	205	207	207	208	209			
55	186	188	188	189	188	188	186	184	181	180	180	180	182	183	184	184			
60	160	162	162	163	162	161	159	157	154	152	153	153	155	156	158	158			
65	132	134	134	135	134	133	130	128	125	123	123	124	125	127	129	130			
70	103	104	105	105	104	103	100	98.1	94.4	92.8	92.5	93.0	94.9	96.9	99.2	101			
75	73.1	74.3	74.5	74.6	73.4	72.2	69.7	67.7	64.3	62.1	61.9	62.0	64.4	66.3	69.2	70.8			
80	44.1	45.3	45.0	45.2	43.6	43.0	40.8	39.4	36.1	34.0	33.1	32.8	35.6	37.6	40.6	41.8			
85	19.7	20.4	19.9	19.9	18.8	18.4	17.1	16.3	13.8	12.3	11.4	10.6	12.5	14.4	17.2	18.3			
90	5.32	5.22	4.62	4.38	3.00	3.79	3.20	2.65	1.56	1.23	1.16	1.10	0.48	2.83	4.39	5.20			
95	1.74	1.54	1.22	0.88	0.66	0.83	0.92	0.80	0.66	0.68	0.70	0.64	0.64	0.87	1.31	1.73			
100	0.92	0.92	0.85	0.83	0.87	0.90	0.88	0.86	0.79	0.79	0.80	0.82	0.83	0.80	0.81	0.85			
105	1.00	0.98	0.99	1.05	1.11	1.13	1.11	1.06	0.97	0.99	1.01	1.04	1.04	0.99	0.95	0.91			
110	1.19	1.19	1.20	1.27	1.34	1.36	1.34	1.29	1.17	1.20	1.23	1.26	1.25	1.20	1.14	1.07			
115	1.40	1.40	1.41	1.49	1.55	1.59	1.56	1.52	1.39	1.43	1.46	1.49	1.47	1.40	1.35	1.28			
120	1.63	1.62	1.61	1.70	1.76	1.80	1.78	1.74	1.61	1.65	1.70	1.70	1.67	1.61	1.55	1.52			
125	1.84	1.84	1.81	1.89	1.96	2.00	1.99	1.96	1.82	1.87	1.90	1.90	1.87	1.80	1.75	1.74			
130	2.04	2.04	2.05	2.09	2.15	2.18	2.18	2.16	2.01	2.06	2.11	2.10	2.06	1.98	1.94	1.94			
135	2.24	2.24	2.23	2.27	2.32	2.36	2.37	2.35	2.21	2.24	2.29	2.27	2.23	2.16	2.12	2.13			
140	2.42	2.42	2.41	2.43	2.48	2.51	2.52	2.52	2.39	2.41	2.46	2.43	2.40	2.33	2.31	2.32			
145	2.59	2.60	2.57	2.59	2.62	2.65	2.67	2.68	2.56	2.58	2.61	2.58	2.54	2.48	2.47	2.50			
150	2.77	2.77	2.73	2.74	2.76	2.79	2.81	2.84	2.72	2.71	2.74	2.71	2.66	2.61	2.61	2.65			
155	2.93	2.91	2.87	2.86	2.88	2.90	2.93	2.97	2.85	2.81	2.84	2.80	2.76	2.71	2.72	2.77			
160	3.04	3.01	2.97	2.95	2.95	2.98	3.01	3.06	2.97	2.92	2.94	2.89	2.85	2.82	2.83	2.90			
165	3.11	3.08	3.05	3.02	3.01	3.04	3.07	3.13	3.09	3.03	3.03	2.97	2.94	2.92	2.94	3.01			
170	3.14	3.09	3.07	3.05	3.04	3.05	3.09	3.14	3.13	3.09	3.10	3.04	3.01	2.99	3.01	3.07			
175	3.14	3.09	3.09	3.07	3.05	3.06	3.09	3.14	3.15	3.10	3.11	3.07	3.04	3.04	3.06	3.11			
180	3.16	3.12	3.13	3.10	3.08	3.08	3.10	3.15	3.16	3.12	3.13	3.10	3.08	3.08	3.10	3.15			

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