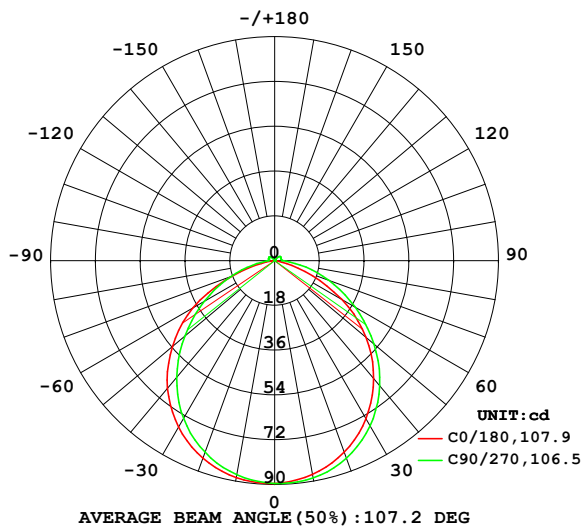


## LUMINAIRE PHOTOMETRIC TEST REPORT

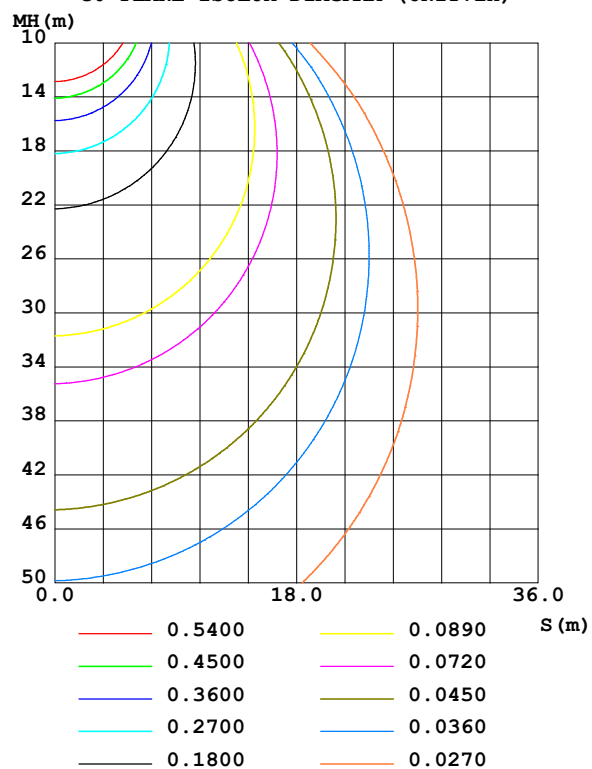
NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 101.28 lm/W
MODEL	W 4000K	Imax (cd)	89.64	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	2.4	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	250.34	$\eta$ UP,DN(C0-180)	1.7,49.7	
NOMINAL FLUX(lm)	4.17227	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.5,47.1	
LAMPS INSIDE	60	$\eta$ up (%)	3.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	$\eta$ down (%)	96.8	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [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	87.24	87.96	88.76	88.99	88.59	88.04	87.36	87.03	0- 10	8.471	8.471	3.38,3.38
20	81.91	83.24	84.46	85.21	84.47	83.41	81.95	81.46	10- 20	24.28	32.75	13.1,13.1
30	73.37	75.05	76.69	78.00	77.25	75.60	73.25	72.68	20- 30	36.70	69.45	27.7,27.7
40	61.92	63.82	65.67	67.69	67.03	64.68	61.25	60.95	30- 40	43.80	113.2	45.2,45.2
50	47.94	49.94	52.10	54.44	53.68	50.83	47.11	46.73	40- 50	44.34	157.6	63,63
60	31.09	34.68	37.28	39.08	37.88	35.65	32.54	31.78	50- 60	38.25	195.8	78.2,78.2
70	13.09	21.40	23.19	25.19	18.18	22.23	18.83	19.22	60- 70	27.28	223.1	89.1,89.1
80	1.653	9.634	10.57	12.05	3.430	8.131	7.397	7.032	70- 80	14.67	237.8	95,95
90	0.0237	2.622	3.102	3.063	0.0263	2.452	2.443	2.201	80- 90	4.547	242.3	96.8,96.8
100	0.0236	2.332	2.857	2.572	0.0395	2.328	2.569	2.120	90-100	2.168	244.5	97.7,97.7
110	0.0525	2.093	2.786	2.087	0.0710	2.019	2.642	1.981	100-110	1.917	246.4	98.4,98.4
120	0.0893	1.886	2.894	1.916	0.1025	1.719	2.737	1.773	110-120	1.617	248.0	99.1,99.1
130	0.1261	1.030	2.745	1.082	0.1367	0.8601	2.418	0.9356	120-130	1.244	249.3	99.6,99.6
140	0.1628	0.2551	1.466	0.3102	0.1734	0.2393	1.174	0.2743	130-140	0.6579	249.9	99.8,99.8
150	0.1865	0.2153	0.2684	0.2144	0.2049	0.2153	0.2544	0.2178	140-150	0.2090	250.1	99.9,99.9
160	0.2128	0.2211	0.2361	0.2107	0.2312	0.2337	0.2388	0.2336	150-160	0.1018	250.2	100,100
170	0.2286	0.2284	0.2309	0.2257	0.2387	0.2447	0.2498	0.2432	160-170	0.0656	250.3	100,100
180	0.2417	0.2415	0.2493	0.2440	0.2417	0.2468	0.2519	0.2467	170-180	0.0229	250.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 140.23 lm

%lum = 56.0%

%lamp = 56.0%

Conical surface Flux(120deg): 195.83 lm

%lum = 78.2%

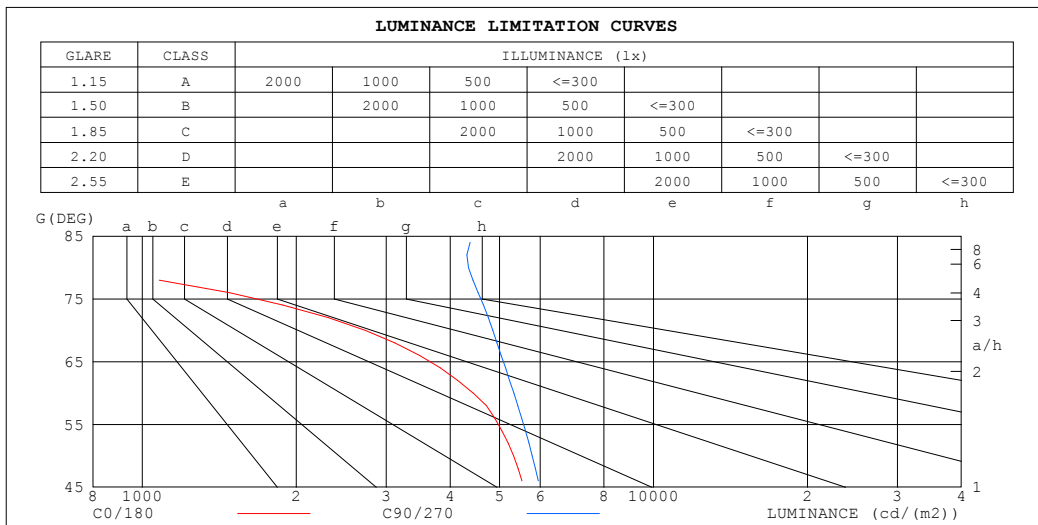
%lamp = 78.2%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:6.040m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	31	5246
80	679	4348
75	2008	4949
70	2732	4846
65	3970	5324
60	4437	5328
55	5173	5755
50	5322	5792
45	5717	6116

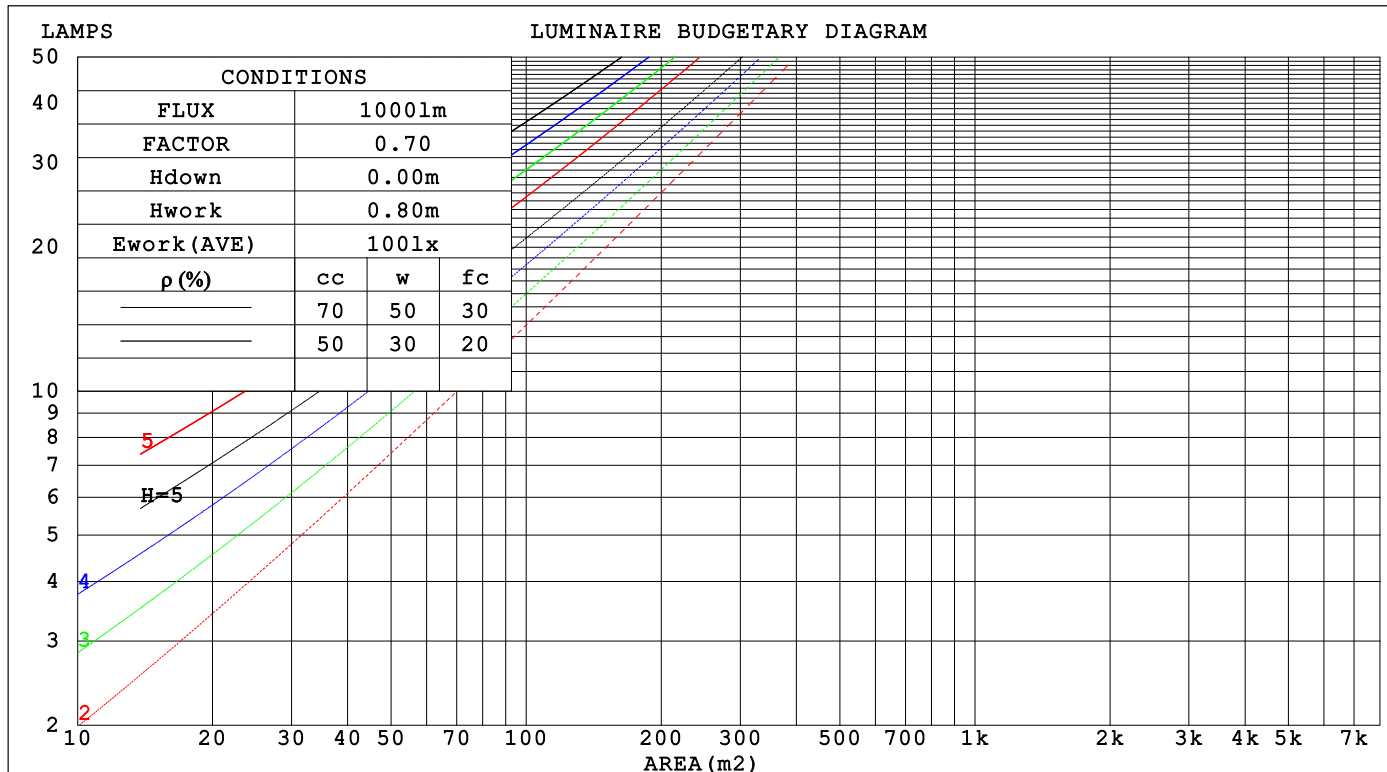
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	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	1.04	.99	.96	1.01	.97	.94	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.91	.84	.78	.88	.82	.77	.84	.79	.75	.81	.76	.73	.77	.74	.71	.68
3.0	.80	.72	.65	.78	.71	.65	.75	.68	.63	.71	.66	.62	.68	.64	.60	.58
4.0	.71	.62	.56	.69	.61	.55	.66	.59	.54	.64	.58	.53	.61	.56	.52	.50
5.0	.63	.55	.48	.62	.54	.48	.60	.52	.47	.57	.51	.46	.55	.50	.45	.43
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.45	.40	.50	.44	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.33	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### WEC AND CCEC

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	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	.300	.171	.054	.292	.166	.053	.277	.159	.051	.263	.152	.049	.250	.145	.047		
2.0	.283	.155	.048	.275	.152	.047	.262	.146	.045	.250	.140	.044	.239	.135	.043		
3.0	.262	.140	.042	.256	.137	.041	.244	.132	.040	.233	.128	.039	.223	.123	.038		
4.0	.243	.126	.037	.237	.124	.037	.227	.120	.036	.217	.116	.035	.208	.113	.034		
5.0	.225	.115	.033	.220	.113	.033	.211	.110	.032	.202	.106	.032	.194	.103	.031		
6.0	.209	.105	.030	.205	.103	.030	.196	.101	.029	.188	.098	.029	.181	.095	.028		
7.0	.195	.096	.027	.191	.095	.027	.183	.093	.027	.176	.090	.026	.169	.088	.026		
8.0	.182	.089	.025	.179	.088	.025	.172	.086	.025	.165	.084	.024	.159	.082	.024		
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.156	.078	.022	.150	.076	.022		
10.0	.161	.077	.021	.158	.076	.021	.152	.075	.021	.147	.073	.021	.142	.071	.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	.215	.215	.215	.184	.184	.184	.125	.125	.125	.072	.072	.072	.023	.023	.023		
1.0	.204	.181	.160	.175	.155	.137	.119	.107	.095	.069	.062	.055	.022	.020	.018		
2.0	.196	.157	.124	.168	.135	.107	.115	.093	.075	.066	.054	.044	.021	.018	.014		
3.0	.188	.139	.100	.161	.120	.087	.111	.083	.061	.064	.049	.036	.021	.016	.012		
4.0	.180	.126	.084	.155	.109	.073	.106	.076	.052	.062	.044	.030	.020	.014	.010		
5.0	.173	.115	.073	.148	.100	.064	.102	.070	.045	.059	.041	.027	.019	.013	.009		
6.0	.166	.107	.065	.143	.093	.057	.098	.065	.040	.057	.038	.024	.018	.012	.008		
7.0	.159	.100	.059	.137	.087	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007		
8.0	.153	.094	.054	.132	.082	.047	.091	.058	.034	.053	.034	.020	.017	.011	.007		
9.0	.147	.090	.051	.127	.078	.044	.088	.055	.031	.051	.032	.019	.017	.011	.006		
10.0	.141	.085	.048	.122	.074	.042	.085	.052	.030	.049	.031	.018	.016	.010	.006		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME: LY60-S5050RGBW-HT-W24-10					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.:					SUR.: 0.014*1					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					22.8	24.3	23.2	24.5	24.8	23.4	24.9	23.7	25.1	25.4
3H					23.8	25.1	24.1	25.4	25.7	24.9	26.2	25.2	26.5	26.8
4H					24.0	25.2	24.3	25.5	25.9	25.5	26.8	25.9	27.1	27.4
6H					24.0	25.2	24.4	25.5	25.8	26.0	27.2	26.4	27.5	27.9
8H					23.9	25.1	24.3	25.4	25.8	26.2	27.3	26.6	27.7	28.0
12H					23.9	25.0	24.3	25.3	25.7	26.3	27.4	26.7	27.7	28.1
4H 2H					23.4	24.7	23.8	25.0	25.3	23.9	25.2	24.3	25.5	25.8
3H					24.6	25.7	25.0	26.1	26.5	25.6	26.7	26.0	27.0	27.4
4H					25.0	26.0	25.4	26.4	26.8	26.3	27.4	26.8	27.7	28.1
6H					25.1	26.0	25.6	26.4	26.8	27.0	27.9	27.4	28.3	28.7
8H					25.1	25.9	25.6	26.4	26.8	27.2	28.0	27.7	28.5	28.9
12H					25.1	25.8	25.5	26.3	26.7	27.4	28.2	27.9	28.6	29.1
8H 4H					25.4	26.2	25.9	26.7	27.1	26.6	27.4	27.0	27.8	28.3
6H					25.7	26.4	26.2	26.8	27.3	27.4	28.1	27.9	28.5	29.0
8H					25.8	26.4	26.3	26.8	27.4	27.7	28.3	28.2	28.8	29.3
12H					25.8	26.3	26.3	26.8	27.3	28.0	28.5	28.5	29.0	29.6
12H 4H					25.4	26.2	25.9	26.6	27.1	26.6	27.3	27.1	27.8	28.2
6H					25.8	26.4	26.3	26.9	27.4	27.4	28.0	27.9	28.5	29.0
8H					25.9	26.4	26.4	26.9	27.5	27.8	28.3	28.3	28.8	29.4
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H					+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H					+ 0.3 / - 0.5					+ 0.1 / - 0.3				
2.0H					+ 0.3 / - 0.6					+ 0.2 / - 0.2				

CIE Pub.117, 250.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.8)  
Area: 0.014 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:

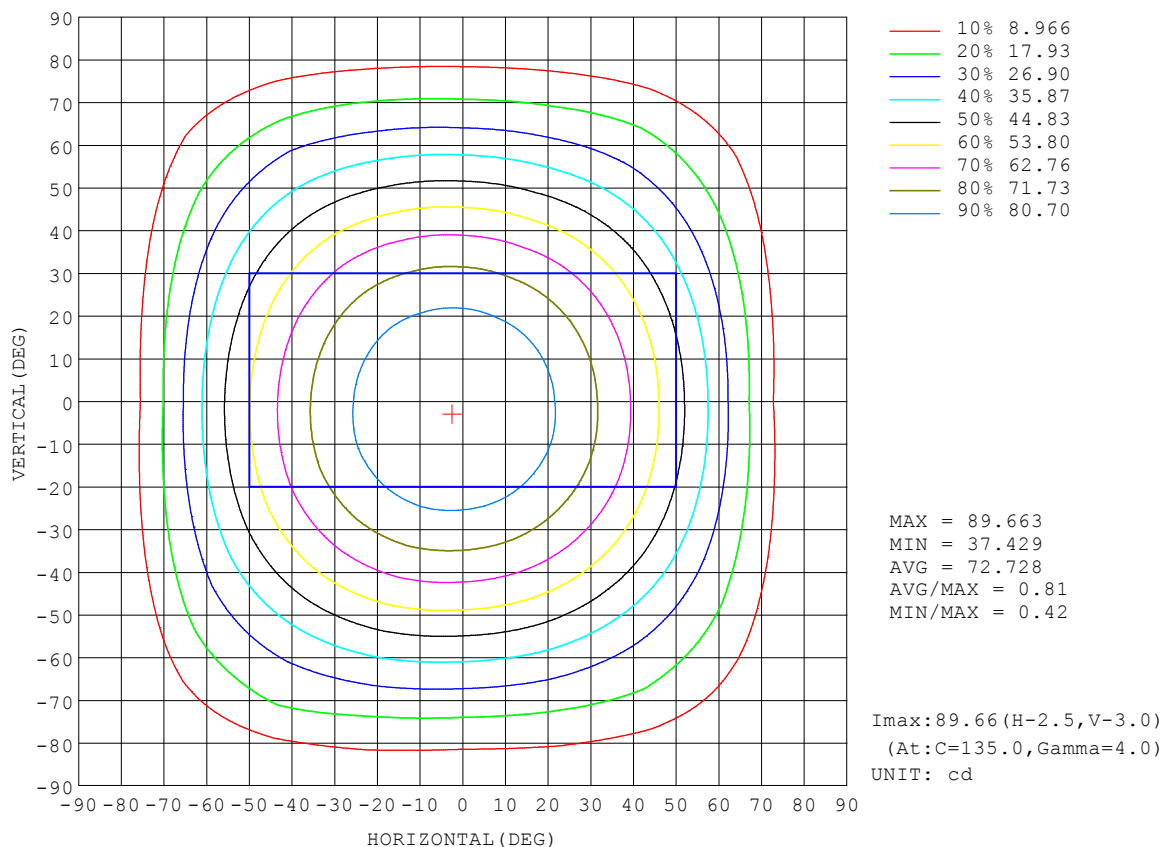
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	58	72	66	57	50
1.25	83	73	66	81	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	98	94	91	81
5.00	108	103	99	105	101	97	100	97	94	84
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: 25.3DEG  
Operators:  
Test Date: 2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:



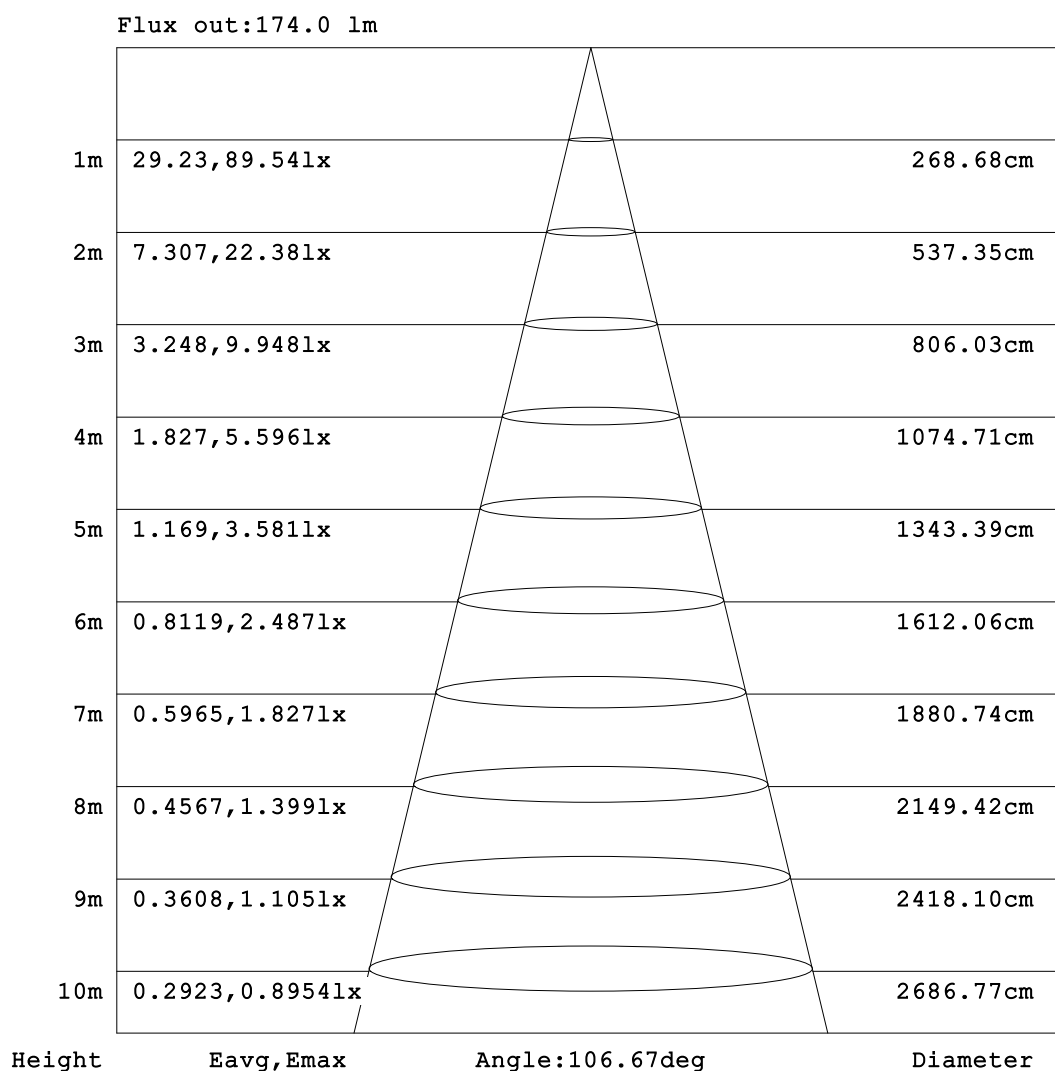
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:



AAI Figure

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:



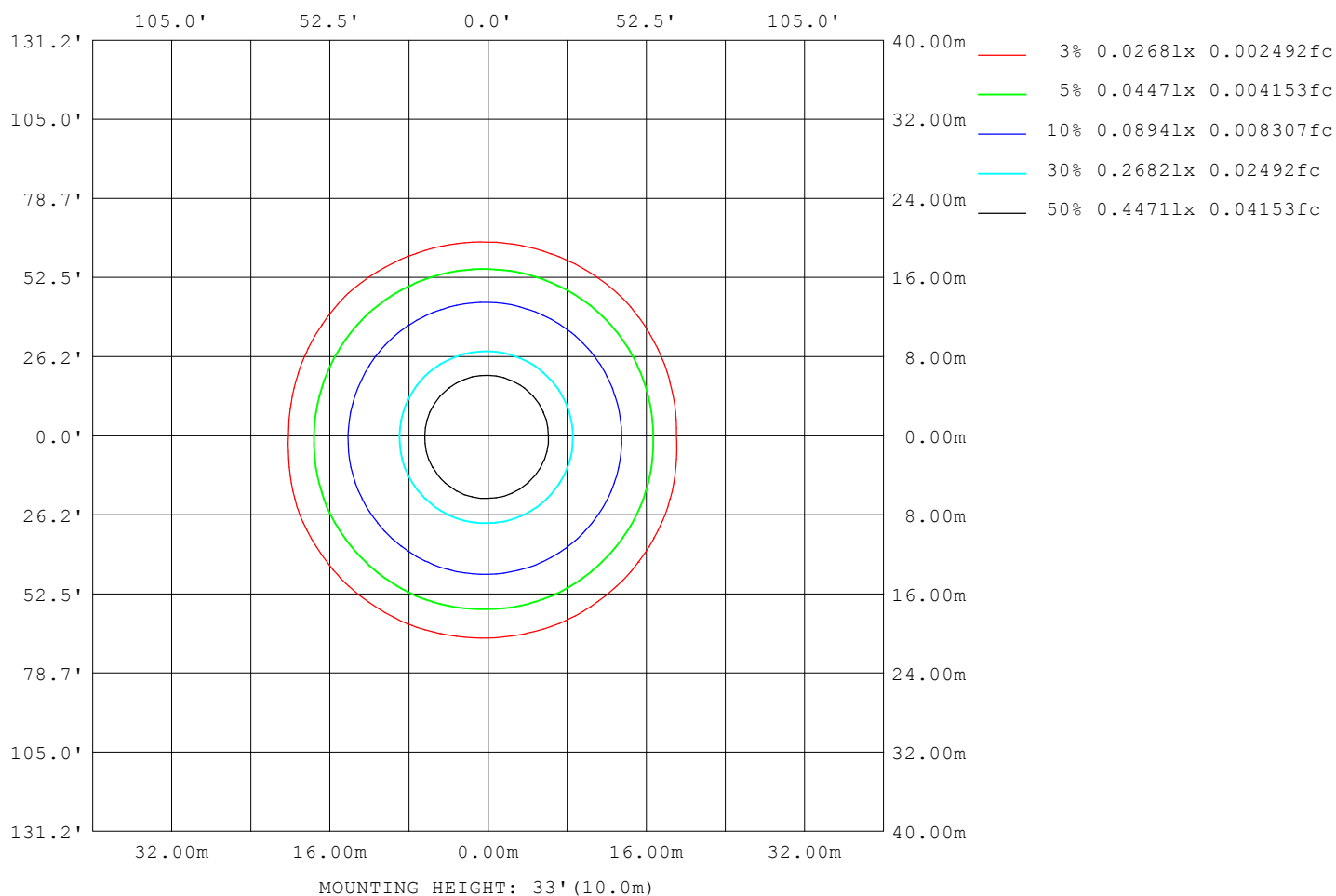
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

### LED Avg.L Report

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:

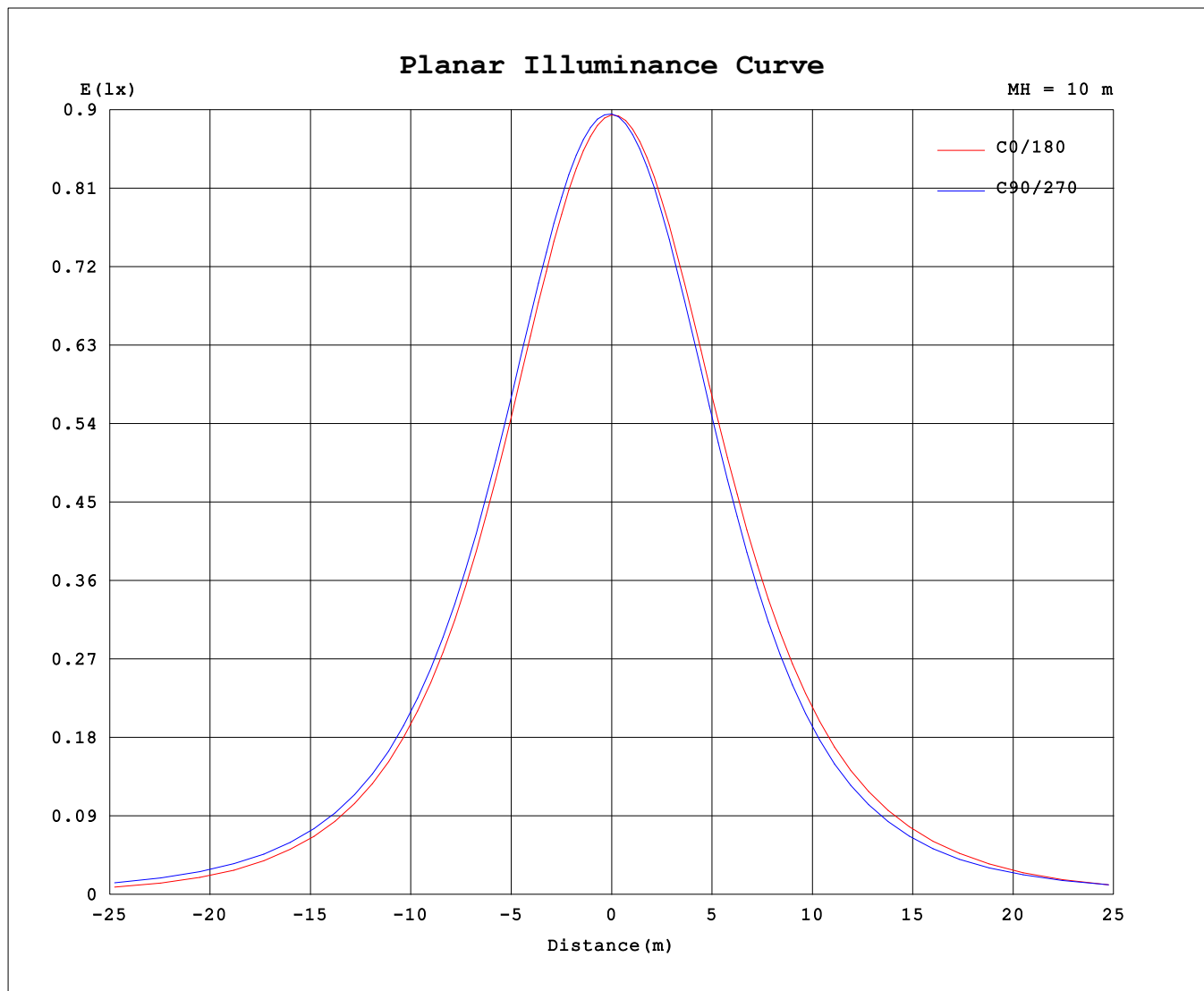
AvgL	cd/m2
L_0~180 (65) av	4178
L_0~180 (75) av	2177
L_0~180 (85) av	106
L_90~270 (65) av	4698
L_90~270 (75) av	4042
L_90~270 (85) av	3807
L_45 (65) av	4789
L_45 (75) av	4309
L_45 (85) av	3614

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-08-24

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:6.040m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 6.040m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	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	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5			
5	89.0	89.1	89.2	89.4	89.5	89.6	89.6	89.6	89.5	89.4	89.3	89.1	89.0	88.9	88.9	88.9			
10	87.2	87.6	88.0	88.4	88.8	89.0	89.0	88.8	88.6	88.3	88.0	87.6	87.4	87.1	87.0	87.0			
15	85.5	86.0	86.5	87.0	87.5	87.9	87.9	87.7	87.3	86.9	86.6	86.0	85.6	85.2	85.2	85.2			
20	81.9	82.6	83.2	83.9	84.5	85.0	85.2	85.0	84.5	83.9	83.4	82.6	81.9	81.5	81.5	81.5			
25	78.9	79.8	80.4	81.1	81.8	82.5	82.7	82.6	81.9	81.4	80.7	79.6	78.9	78.3	78.3	78.4			
30	73.4	74.4	75.0	76.0	76.7	77.6	78.0	78.1	77.3	76.5	75.6	74.2	73.3	72.6	72.7	72.9			
35	69.2	70.2	70.9	71.9	72.7	73.7	74.3	74.3	73.5	72.6	71.6	70.0	68.8	68.2	68.3	68.6			
40	61.9	63.1	63.8	64.9	65.7	67.0	67.7	68.0	67.0	66.0	64.7	62.6	61.3	60.6	60.9	61.3			
45	56.6	57.8	58.6	59.6	60.5	62.0	62.7	63.0	62.0	60.9	59.4	57.2	55.8	55.1	55.5	56.0			
50	47.9	49.1	49.9	51.3	52.1	53.7	54.4	54.7	53.7	52.5	50.8	48.6	47.1	46.4	46.7	47.2			
55	41.6	42.9	43.9	45.3	46.2	47.7	48.5	48.6	47.7	46.3	44.7	42.7	41.2	40.5	40.7	40.9			
60	31.1	33.2	34.7	36.4	37.3	38.7	39.1	39.2	37.9	36.7	35.6	33.8	32.5	31.8	31.8	31.2			
65	23.5	26.8	28.9	30.6	31.5	32.8	33.1	32.6	29.8	30.3	30.2	28.3	26.9	26.4	26.5	25.1			
70	13.1	18.7	21.4	22.6	23.2	24.4	25.2	24.0	18.2	20.8	22.2	20.1	18.8	18.6	19.2	16.6			
75	7.28	13.7	17.4	17.6	17.9	19.1	20.9	18.4	11.2	14.9	15.5	14.6	13.9	13.6	13.5	11.5			
80	1.65	6.64	9.63	10.6	10.6	11.6	12.1	9.11	3.43	7.42	8.13	7.66	7.40	7.18	7.03	5.70			
85	0.04	3.68	5.22	6.26	6.40	7.01	6.55	5.01	0.46	3.92	4.67	4.42	4.30	4.18	4.09	3.11			
90	0.02	1.57	2.62	2.97	3.10	3.28	3.06	1.90	0.03	1.61	2.45	2.53	2.44	2.43	2.20	1.44			
95	0.02	1.43	2.50	2.74	2.87	2.97	2.67	1.71	0.03	1.51	2.47	2.51	2.46	2.40	2.15	1.37			
100	0.02	1.24	2.33	2.69	2.86	2.90	2.57	1.45	0.04	1.32	2.33	2.58	2.57	2.45	2.12	1.23			
105	0.03	1.09	2.22	2.61	2.82	2.79	2.31	1.25	0.05	1.15	2.25	2.44	2.59	2.46	2.07	1.09			
110	0.05	0.79	2.09	2.60	2.79	2.75	2.09	0.98	0.07	0.87	2.02	2.53	2.64	2.48	1.98	0.80			
115	0.07	0.55	2.05	2.61	2.80	2.71	2.05	0.74	0.08	0.59	1.88	2.52	2.69	2.50	1.93	0.56			
120	0.09	0.27	1.89	2.64	2.89	2.74	1.92	0.29	0.10	0.24	1.72	2.51	2.74	2.46	1.77	0.23			
125	0.11	0.21	1.63	2.61	2.94	2.66	1.59	0.17	0.11	0.16	1.42	2.44	2.73	2.43	1.52	0.17			
130	0.13	0.16	1.03	2.26	2.75	2.38	1.08	0.14	0.14	0.15	0.86	2.05	2.42	2.12	0.94	0.16			
135	0.14	0.17	0.63	1.82	2.35	1.81	0.71	0.15	0.15	0.15	0.51	1.57	1.99	1.67	0.56	0.16			
140	0.16	0.19	0.26	0.99	1.47	0.95	0.31	0.17	0.17	0.15	0.24	0.77	1.17	0.83	0.27	0.16			
145	0.17	0.20	0.22	0.51	0.88	0.57	0.22	0.19	0.19	0.16	0.22	0.40	0.62	0.42	0.25	0.17			
150	0.19	0.21	0.22	0.23	0.27	0.22	0.21	0.20	0.20	0.18	0.22	0.24	0.25	0.24	0.22	0.19			
155	0.20	0.22	0.22	0.22	0.25	0.22	0.21	0.21	0.22	0.19	0.22	0.24	0.23	0.23	0.23	0.20			
160	0.21	0.24	0.22	0.23	0.24	0.23	0.21	0.23	0.23	0.21	0.23	0.24	0.24	0.23	0.23	0.21			
165	0.22	0.24	0.22	0.24	0.23	0.24	0.22	0.24	0.23	0.21	0.24	0.24	0.25	0.23	0.24	0.22			
170	0.23	0.24	0.23	0.24	0.23	0.24	0.23	0.24	0.24	0.22	0.24	0.24	0.25	0.23	0.24	0.23			
175	0.24	0.25	0.24	0.25	0.24	0.25	0.23	0.25	0.24	0.23	0.25	0.24	0.25	0.24	0.25	0.24			
180	0.24	0.25	0.24	0.25	0.25	0.25	0.24	0.25	0.24	0.24	0.25	0.24	0.25	0.25	0.25	0.24			

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