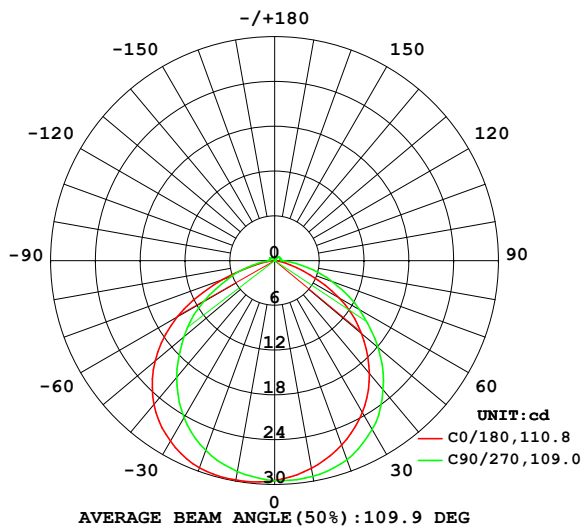


## LUMINAIRE PHOTOMETRIC TEST REPORT

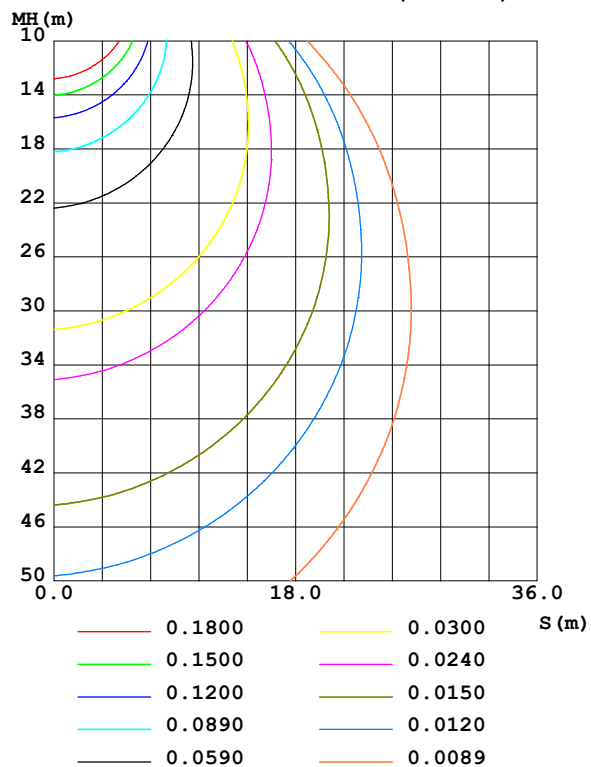
NAME: LY60-S5050RGBW-HT-W24-10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.014*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.99 lm/W			
MODEL	R	I <sub>max</sub> (cd)	29.93	S/MH(C0/180)	1.40
NOMINAL POWER(W)	2.4	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	85.305	η UP,DN(C0-180)	1.4,49.9
NOMINAL FLUX(lm)	1.4215	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,47.4
LAMPS INSIDE	60	η up(%)	2.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	97.3	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

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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	28.25	28.71	29.36	29.77	29.85	29.38	28.69	28.24	0- 10	2.791	2.791	3.27,3.27
20	26.29	27.10	28.37	29.45	29.52	28.42	27.04	26.24	10- 20	8.056	10.85	12.7,12.7
30	23.49	24.60	26.14	27.85	27.93	26.46	24.29	23.29	20- 30	12.34	23.19	27.2,27.2
40	19.77	21.06	22.59	24.80	25.15	23.20	20.43	19.44	30- 40	14.95	38.14	44.7,44.7
50	15.18	16.40	18.13	20.19	20.90	18.69	15.87	14.70	40- 50	15.33	53.47	62.7,62.7
60	9.914	11.17	13.11	14.57	15.07	13.34	11.02	9.683	50- 60	13.35	66.82	78.3,78.3
70	4.087	6.790	8.171	9.485	7.440	8.585	6.140	5.703	60- 70	9.547	76.37	89.5,89.5
80	0.5727	3.149	3.721	4.596	1.412	2.997	2.358	2.059	70- 80	5.142	81.51	95.6,95.6
90	0	0.8271	0.9311	0.9502	0.0026	0.9592	0.6882	0.8003	80- 90	1.511	83.02	97.3,97.3
100	0	0.7032	0.8222	0.7784	0.0026	0.6951	0.7163	0.6309	90-100	0.6501	83.67	98.1,98.1
110	0	0.5903	0.7914	0.6311	0.0131	0.5824	0.7275	0.5442	100-110	0.5492	84.22	98.7,98.7
120	0.0104	0.5274	0.8082	0.5969	0.0210	0.4957	0.7294	0.4705	110-120	0.4497	84.67	99.3,99.3
130	0.0235	0.2942	0.7636	0.3500	0.0314	0.2515	0.6563	0.2546	120-130	0.3451	85.01	99.7,99.7
140	0.0314	0.0736	0.4445	0.1027	0.0471	0.0525	0.3251	0.0605	130-140	0.1862	85.20	99.9,99.9
150	0.0392	0.0577	0.0843	0.0500	0.0523	0.0551	0.0630	0.0631	140-150	0.0570	85.26	99.9,100
160	0.0471	0.0577	0.0604	0.0500	0.0549	0.0551	0.0630	0.0631	150-160	0.0257	85.28	100,100
170	0.0523	0.0577	0.0604	0.0500	0.0549	0.0551	0.0630	0.0631	160-170	0.0159	85.30	100,100
180	0.0523	0.0577	0.0604	0.0526	0.0549	0.0551	0.0630	0.0631	170-180	0.0054	85.30	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 47.452 lm

%lum = 55.6%

%lamp = 55.6%

Conical surface Flux(120deg): 66.821 lm

%lum = 78.3%

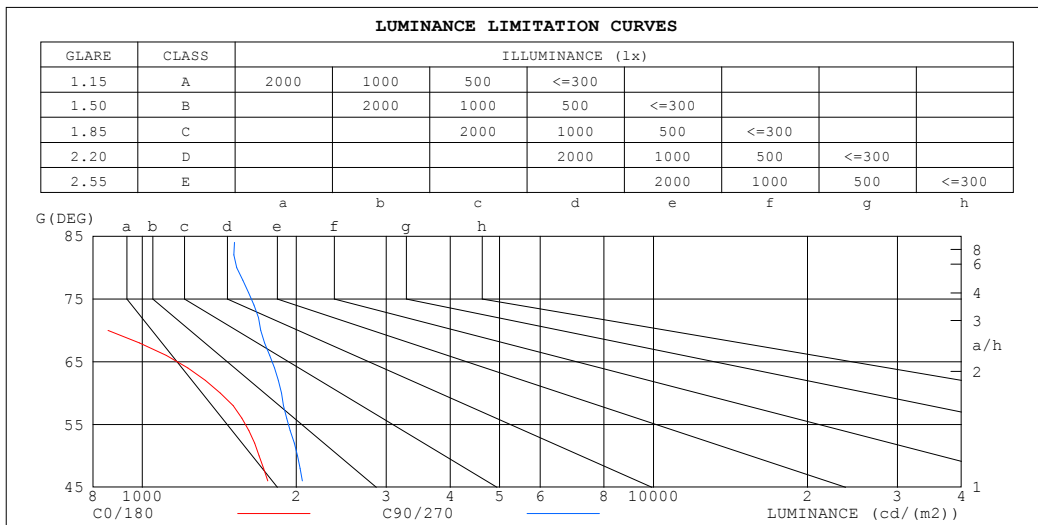
%lamp = 78.3%

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	5	1817
80	236	1530
75	628	1761
70	856	1705
65	1273	1881
60	1421	1871
55	1655	1994
50	1692	2013
45	1821	2114

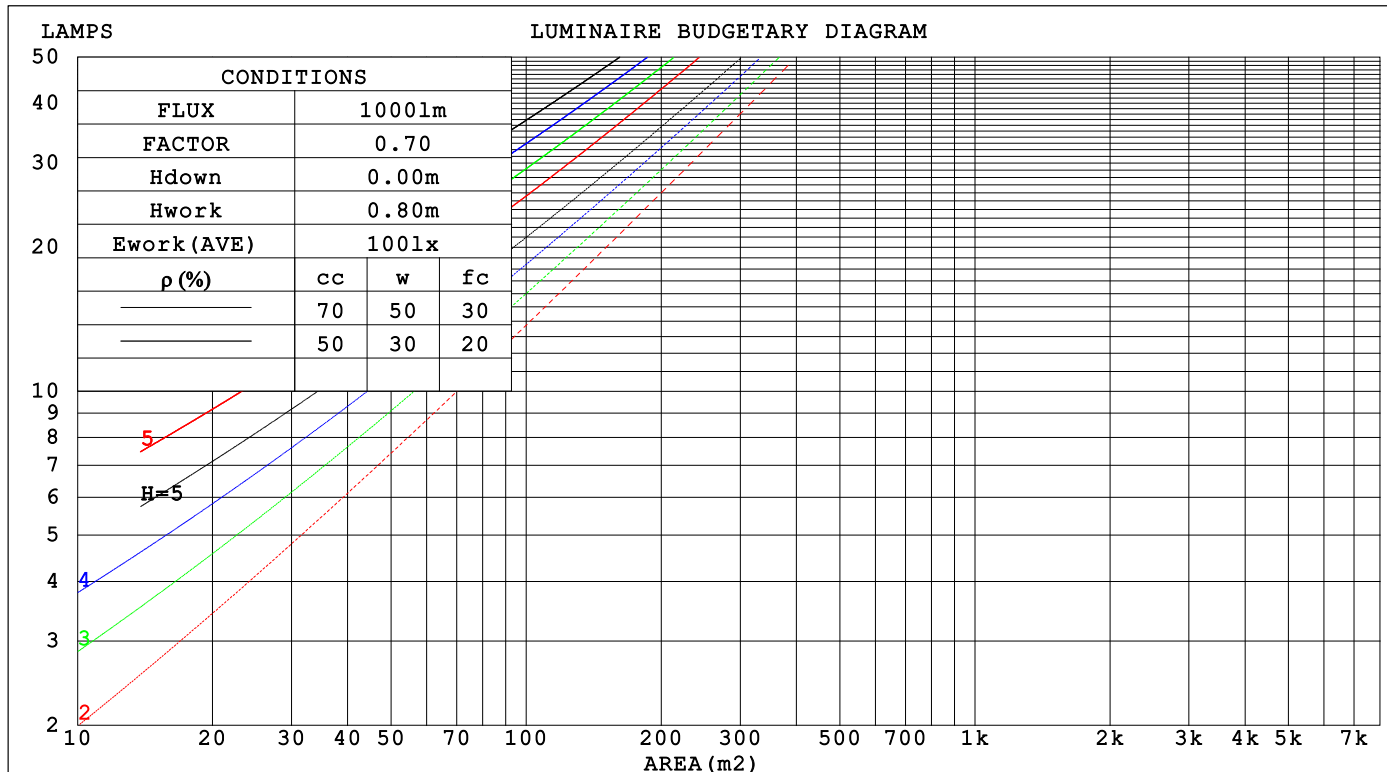
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
 $\gamma$  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
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.04	.99	.96	1.01	.97	.94	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.91	.84	.78	.88	.82	.77	.84	.79	.75	.81	.77	.73	.77	.74	.71	.68
3.0	.80	.72	.65	.78	.70	.64	.75	.68	.63	.71	.66	.62	.69	.64	.60	.58
4.0	.71	.62	.55	.69	.61	.55	.66	.59	.54	.64	.58	.53	.61	.56	.52	.49
5.0	.63	.54	.48	.62	.53	.47	.59	.52	.46	.57	.51	.46	.55	.49	.45	.43
6.0	.57	.48	.42	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.43	.37	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.39	.33	.46	.38	.33	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.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	.302	.172	.054	.294	.168	.053	.279	.160	.051	.266	.153	.049	.253	.147	.047		
2.0	.285	.156	.048	.278	.153	.047	.265	.147	.046	.253	.142	.044	.241	.137	.043		
3.0	.264	.141	.042	.258	.138	.042	.246	.134	.041	.236	.129	.040	.226	.125	.039		
4.0	.244	.127	.037	.239	.125	.037	.229	.121	.036	.219	.118	.035	.210	.114	.035		
5.0	.227	.115	.033	.222	.114	.033	.212	.111	.033	.204	.108	.032	.196	.105	.031		
6.0	.210	.106	.030	.206	.104	.030	.198	.101	.029	.190	.099	.029	.183	.096	.029		
7.0	.196	.097	.027	.192	.096	.027	.185	.093	.027	.178	.091	.027	.171	.089	.026		
8.0	.183	.090	.025	.180	.089	.025	.173	.087	.025	.167	.085	.024	.161	.083	.024		
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.157	.079	.023	.152	.077	.022		
10.0	.162	.078	.022	.159	.077	.021	.154	.075	.021	.148	.074	.021	.143	.072	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.200	.177	.156	.171	.152	.134	.117	.104	.093	.067	.060	.054	.022	.019	.017		
2.0	.192	.153	.120	.164	.131	.103	.113	.091	.072	.065	.053	.042	.021	.017	.014		
3.0	.184	.135	.096	.158	.117	.083	.108	.081	.058	.063	.047	.034	.020	.015	.011		
4.0	.177	.122	.080	.152	.105	.069	.104	.073	.049	.060	.043	.029	.019	.014	.010		
5.0	.169	.111	.069	.145	.096	.060	.100	.067	.042	.058	.040	.025	.019	.013	.008		
6.0	.162	.103	.061	.139	.089	.053	.096	.062	.037	.056	.037	.022	.018	.012	.007		
7.0	.156	.096	.055	.134	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007		
8.0	.149	.090	.050	.128	.078	.044	.089	.055	.031	.052	.033	.018	.017	.011	.006		
9.0	.143	.086	.047	.123	.074	.041	.085	.052	.029	.050	.031	.017	.016	.010	.006		
10.0	.138	.081	.044	.119	.071	.038	.082	.050	.027	.048	.029	.016	.016	.010	.005		

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					22.5	23.9	22.8	24.2	24.5	23.4	24.8	23.7	25.1	25.3
3H					23.4	24.7	23.7	25.0	25.3	24.9	26.2	25.2	26.5	26.8
4H					23.6	24.8	23.9	25.1	25.5	25.5	26.8	25.9	27.1	27.4
6H					23.6	24.8	23.9	25.1	25.4	26.0	27.3	26.4	27.6	27.9
8H					23.5	24.7	23.9	25.0	25.4	26.2	27.4	26.6	27.7	28.1
12H					23.5	24.6	23.9	24.9	25.3	26.4	27.5	26.7	27.8	28.2
4H 2H					23.1	24.4	23.4	24.7	25.0	23.8	25.1	24.1	25.4	25.7
3H					24.2	25.4	24.6	25.7	26.1	25.5	26.6	25.9	27.0	27.3
4H					24.6	25.6	25.0	26.0	26.3	26.3	27.3	26.7	27.7	28.1
6H					24.7	25.6	25.1	26.0	26.4	27.0	27.9	27.4	28.3	28.7
8H					24.7	25.5	25.1	25.9	26.4	27.2	28.1	27.7	28.5	28.9
12H					24.6	25.4	25.1	25.8	26.3	27.4	28.2	27.9	28.6	29.1
8H 4H					25.0	25.8	25.5	26.3	26.7	26.5	27.4	27.0	27.8	28.2
6H					25.3	26.0	25.8	26.4	26.9	27.4	28.1	27.8	28.5	29.0
8H					25.3	26.0	25.8	26.4	26.9	27.7	28.3	28.2	28.8	29.3
12H					25.4	25.9	25.9	26.4	26.9	28.0	28.5	28.5	29.0	29.6
12H 4H					25.1	25.8	25.5	26.3	26.7	26.5	27.3	27.0	27.7	28.2
6H					25.4	26.0	25.9	26.5	27.0	27.4	28.0	27.9	28.5	29.0
8H					25.5	26.0	26.0	26.5	27.1	27.8	28.3	28.3	28.8	29.3
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H					+ 0.2 / - 0.3					+ 0.1 / - 0.2				
1.5H					+ 0.3 / - 0.5					+ 0.1 / - 0.3				
2.0H					+ 0.3 / - 0.6					+ 0.3 / - 0.3				

CIE Pub.117, 85.29 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.6)  
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:

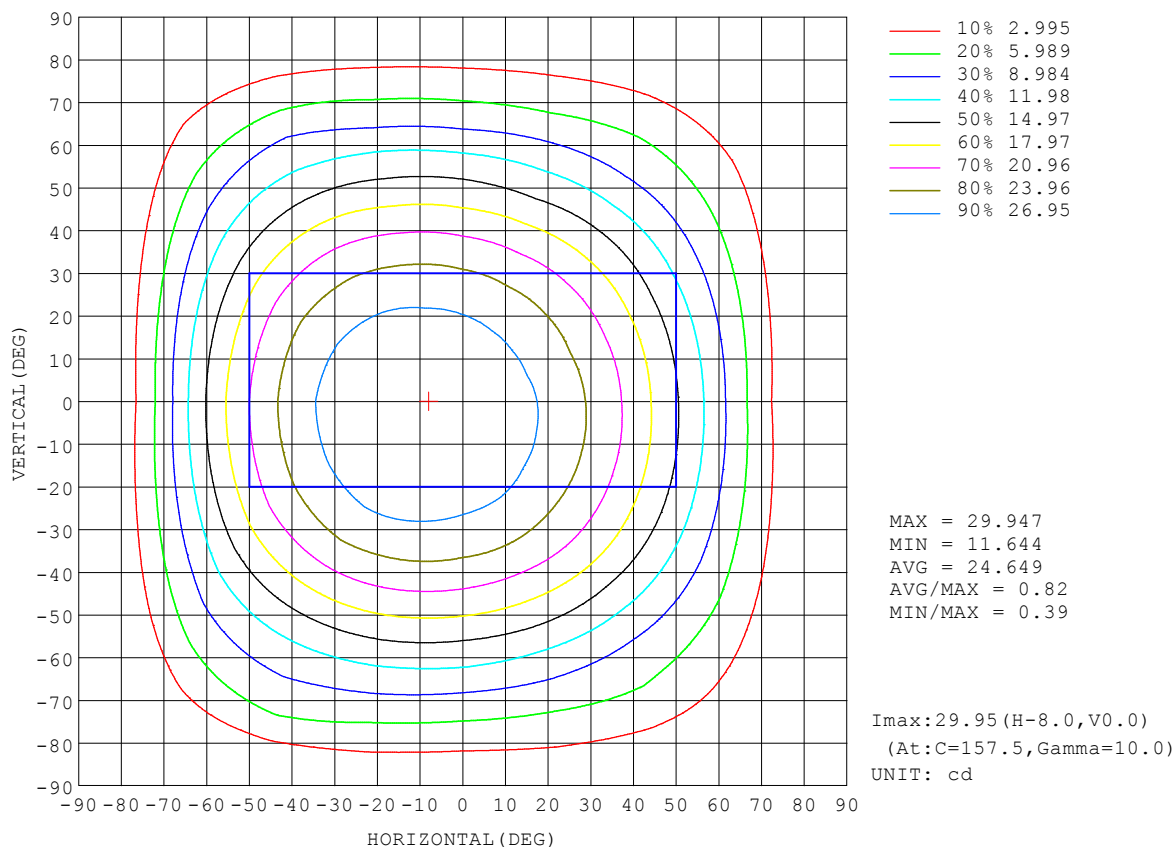
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	55	45	39	32
0.80	67	56	49	66	55	48	64	55	48	41
1.00	76	65	58	75	64	57	72	65	57	49
1.25	83	73	65	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	99	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	99	94	91	81
5.00	108	103	99	105	101	97	101	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:



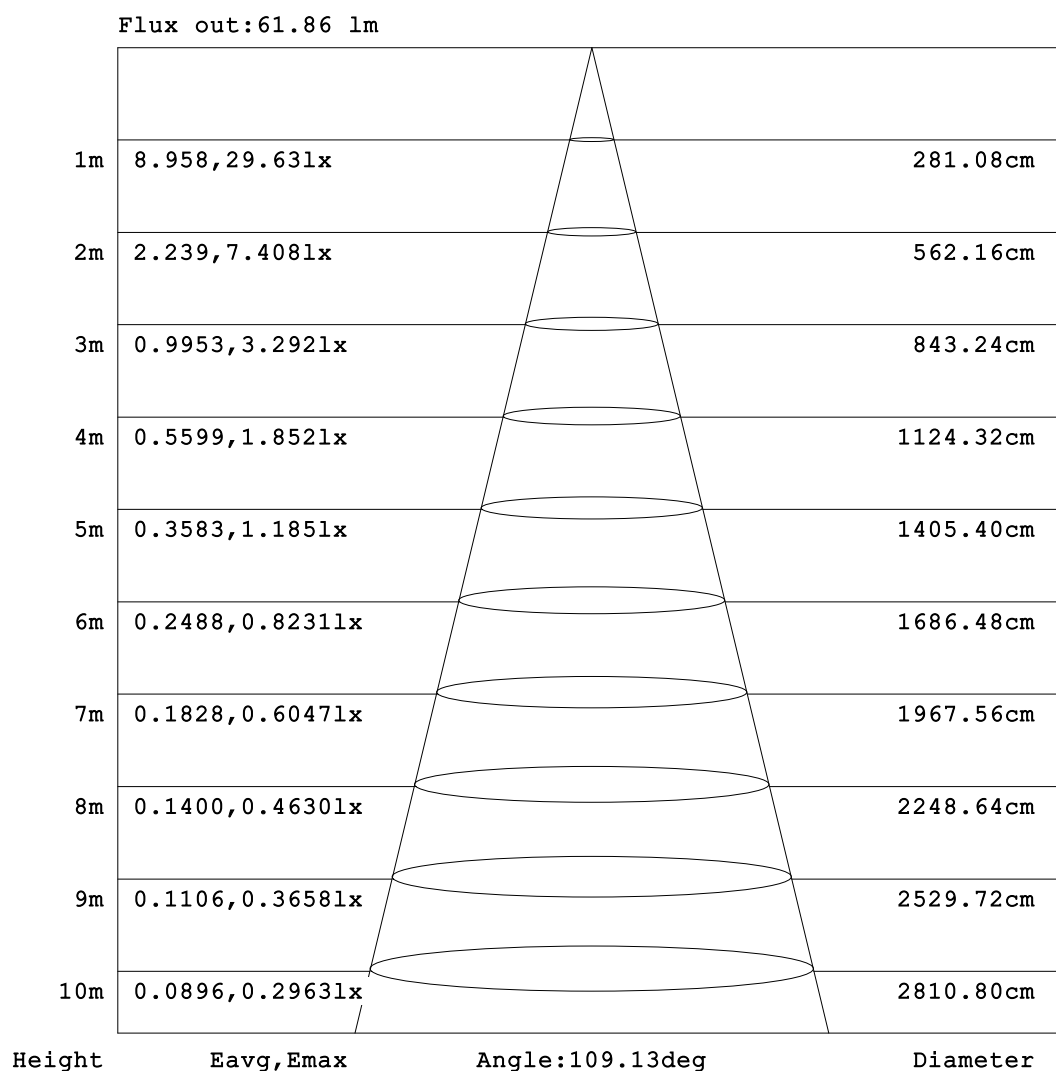
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-08-24

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:



AAI Figure

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



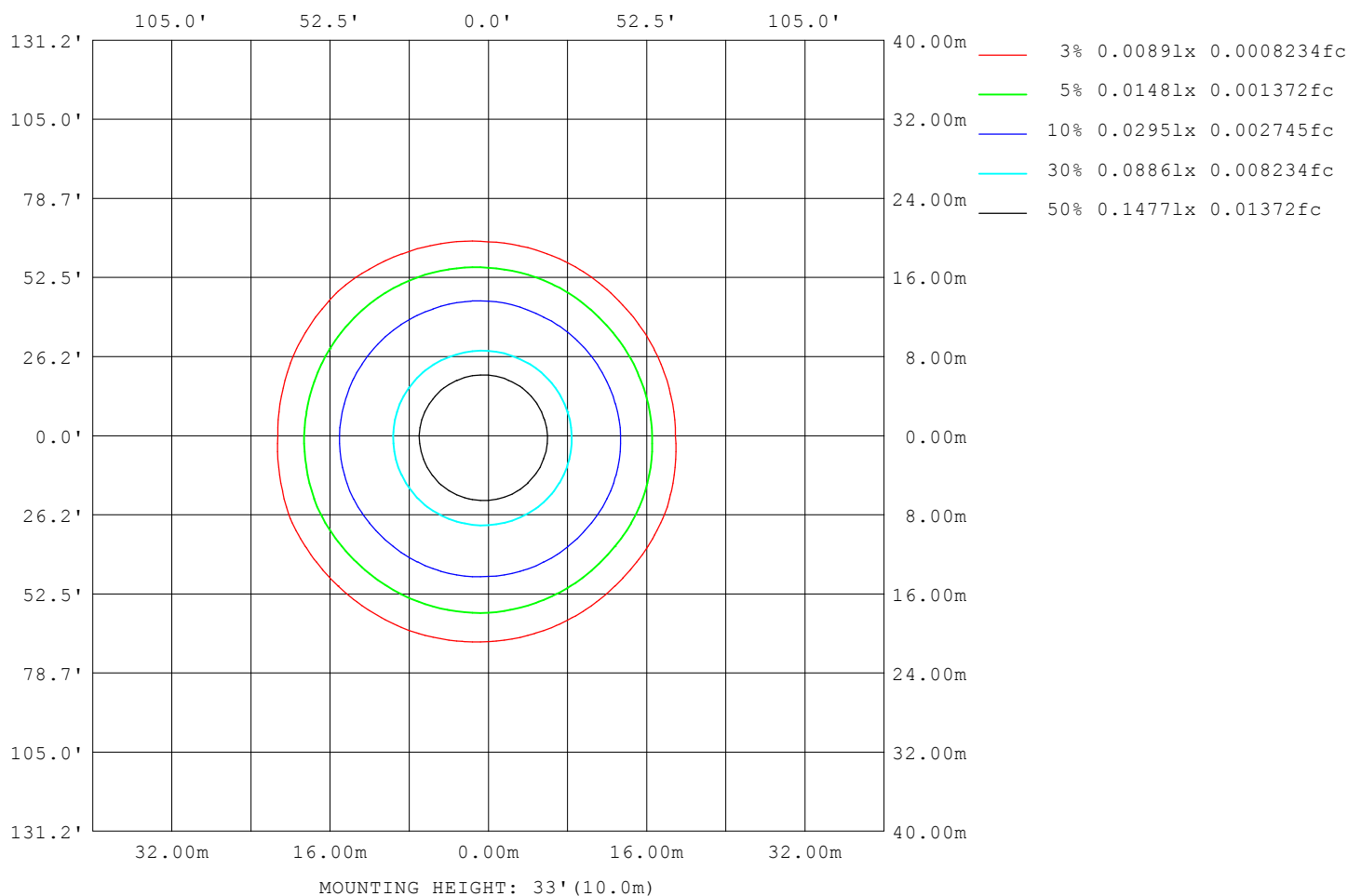
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

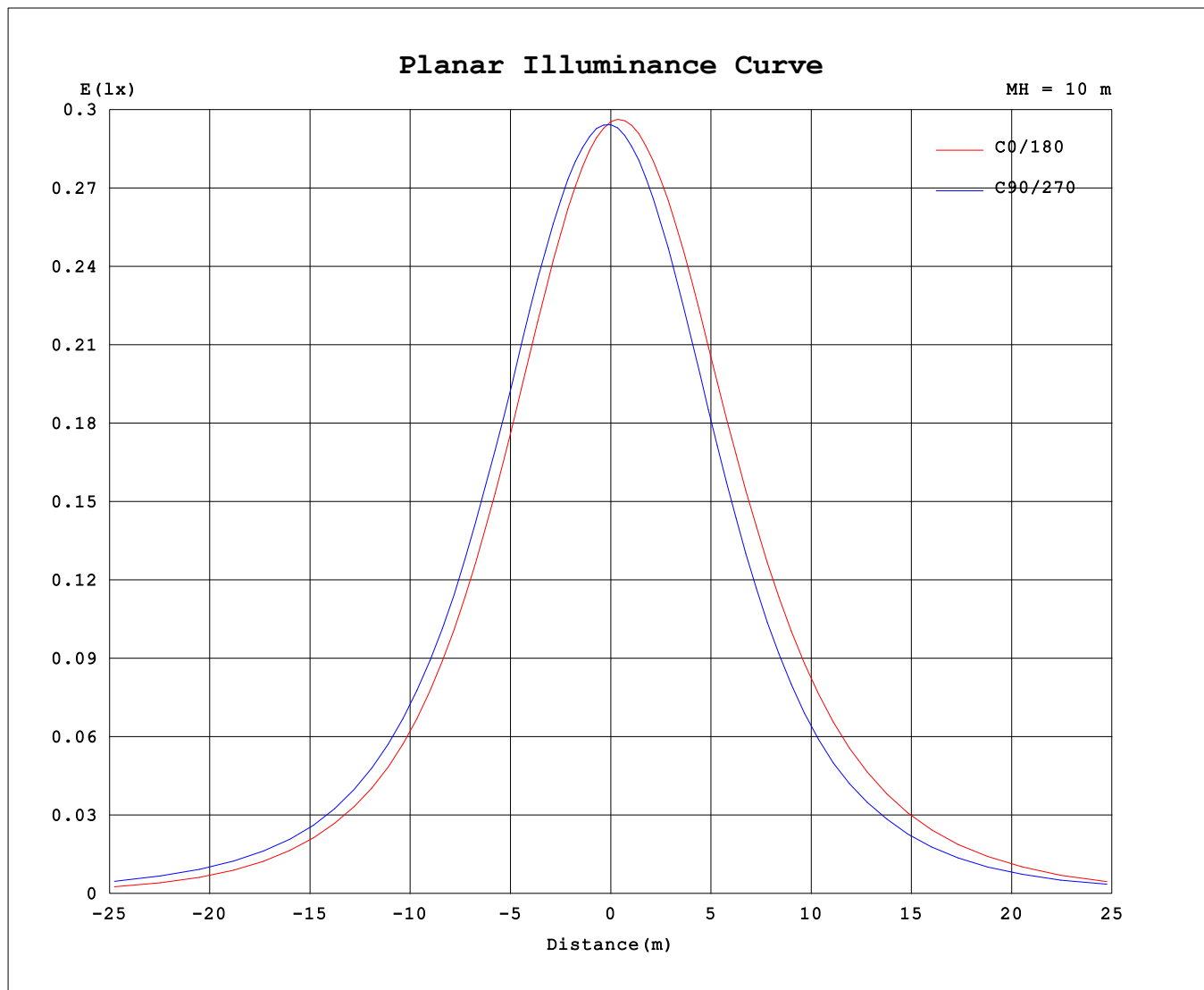
AvgL	cd/m2
L_0~180 (65) av	1542
L_0~180 (75) av	797
L_0~180 (85) av	47
L_90~270 (65) av	1600
L_90~270 (75) av	1391
L_90~270 (85) av	1228
L_45 (65) av	1656
L_45 (75) av	1540
L_45 (85) av	1167

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	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4			
5	29.1	29.1	29.3	29.4	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.4	29.2	29.1	29.1	29.0			
10	28.3	28.5	28.7	29.0	29.4	29.6	29.8	29.9	29.8	29.7	29.4	29.0	28.7	28.4	28.2	28.1			
15	27.6	27.8	28.2	28.7	29.1	29.5	29.7	29.9	29.8	29.6	29.1	28.6	28.1	27.7	27.5	27.4			
20	26.3	26.7	27.1	27.8	28.4	28.9	29.5	29.6	29.5	29.1	28.4	27.7	27.0	26.5	26.2	26.1			
25	25.3	25.7	26.2	27.0	27.6	28.3	29.0	29.1	29.0	28.6	27.8	26.8	26.1	25.4	25.2	25.1			
30	23.5	24.0	24.6	25.3	26.1	27.0	27.9	28.1	27.9	27.4	26.5	25.3	24.3	23.6	23.3	23.2			
35	22.1	22.7	23.3	24.2	25.0	26.0	26.8	27.1	27.0	26.4	25.3	24.0	22.9	22.1	21.8	21.8			
40	19.8	20.4	21.1	21.8	22.6	23.7	24.8	25.2	25.1	24.5	23.2	21.6	20.4	19.6	19.4	19.5			
45	18.0	18.6	19.4	20.0	20.9	22.0	23.2	23.8	23.6	23.0	21.6	19.9	18.6	17.8	17.6	17.7			
50	15.2	15.8	16.4	17.2	18.1	19.2	20.2	21.1	20.9	20.1	18.7	17.0	15.9	14.8	14.7	14.7			
55	13.3	13.9	14.3	15.2	16.0	17.1	18.0	18.9	18.8	18.0	16.6	15.1	14.1	13.0	12.7	12.8			
60	9.91	10.7	11.2	12.1	13.1	13.9	14.6	15.4	15.1	14.3	13.3	12.2	11.0	10.3	9.68	9.69			
65	7.51	8.67	9.21	10.2	11.1	11.9	12.4	12.9	12.2	12.0	11.5	10.1	8.85	8.36	7.97	7.76			
70	4.09	5.93	6.79	7.54	8.17	8.93	9.49	9.33	7.44	8.36	8.58	6.88	6.14	5.60	5.70	5.05			
75	2.27	4.20	5.73	5.93	6.39	7.08	8.07	7.33	4.54	5.94	6.06	5.09	4.57	4.12	4.00	3.50			
80	0.57	2.05	3.15	3.60	3.72	4.22	4.60	3.49	1.41	2.91	3.00	2.63	2.36	2.13	2.06	1.69			
85	0.01	1.13	1.66	2.14	2.22	2.42	2.30	1.79	0.24	1.44	1.61	1.41	1.31	1.22	1.19	0.92			
90	0.00	0.47	0.83	0.89	0.93	0.95	0.95	0.60	0.00	0.53	0.96	0.73	0.69	0.71	0.80	0.45			
95	0.00	0.43	0.77	0.80	0.84	0.85	0.81	0.54	0.00	0.49	0.79	0.73	0.70	0.70	0.70	0.43			
100	0.00	0.36	0.70	0.77	0.82	0.82	0.78	0.44	0.00	0.42	0.70	0.73	0.72	0.70	0.63	0.38			
105	0.00	0.30	0.64	0.74	0.80	0.78	0.69	0.36	0.01	0.37	0.67	0.70	0.72	0.70	0.60	0.34			
110	0.00	0.20	0.59	0.73	0.79	0.78	0.63	0.27	0.01	0.26	0.58	0.69	0.73	0.69	0.54	0.23			
115	0.00	0.13	0.57	0.73	0.80	0.78	0.61	0.19	0.02	0.18	0.54	0.68	0.73	0.69	0.52	0.17			
120	0.01	0.04	0.53	0.72	0.81	0.78	0.60	0.05	0.02	0.07	0.50	0.68	0.73	0.69	0.47	0.07			
125	0.02	0.04	0.46	0.71	0.80	0.77	0.50	0.03	0.03	0.04	0.41	0.67	0.73	0.68	0.40	0.04			
130	0.02	0.05	0.29	0.62	0.76	0.69	0.35	0.04	0.03	0.04	0.25	0.61	0.66	0.59	0.25	0.04			
135	0.02	0.05	0.18	0.49	0.69	0.54	0.24	0.04	0.04	0.04	0.13	0.48	0.53	0.47	0.14	0.04			
140	0.03	0.05	0.07	0.26	0.44	0.30	0.10	0.04	0.05	0.04	0.05	0.23	0.33	0.24	0.06	0.04			
145	0.03	0.06	0.06	0.13	0.28	0.17	0.07	0.05	0.05	0.04	0.05	0.12	0.15	0.12	0.06	0.04			
150	0.04	0.06	0.06	0.06	0.08	0.06	0.05	0.06	0.05	0.04	0.06	0.06	0.06	0.07	0.06	0.04			
155	0.04	0.06	0.06	0.06	0.07	0.06	0.05	0.06	0.05	0.04	0.06	0.06	0.06	0.07	0.06	0.04			
160	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.04	0.06	0.06	0.06	0.06	0.06	0.04			
165	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.04	0.06	0.06	0.06	0.06	0.06	0.05			
170	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05			
175	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05			
180	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05			

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