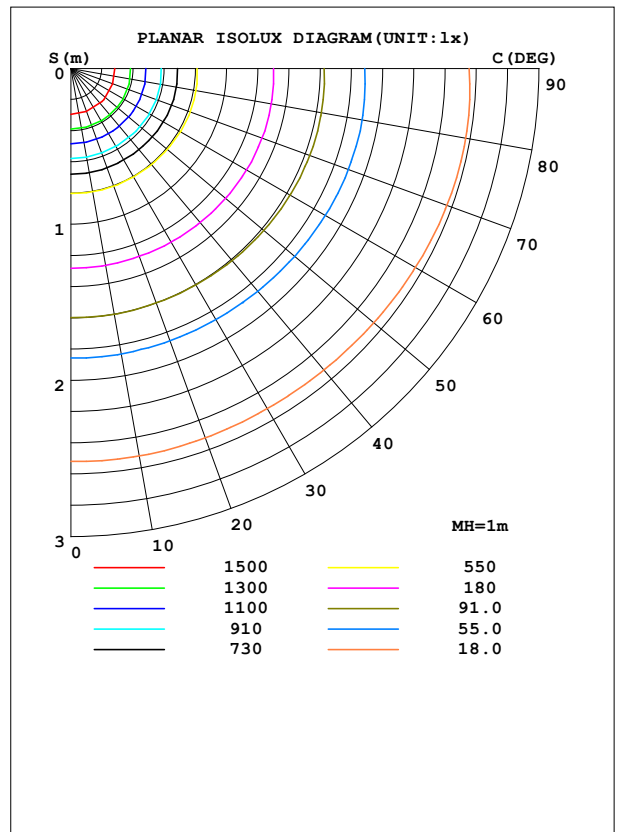
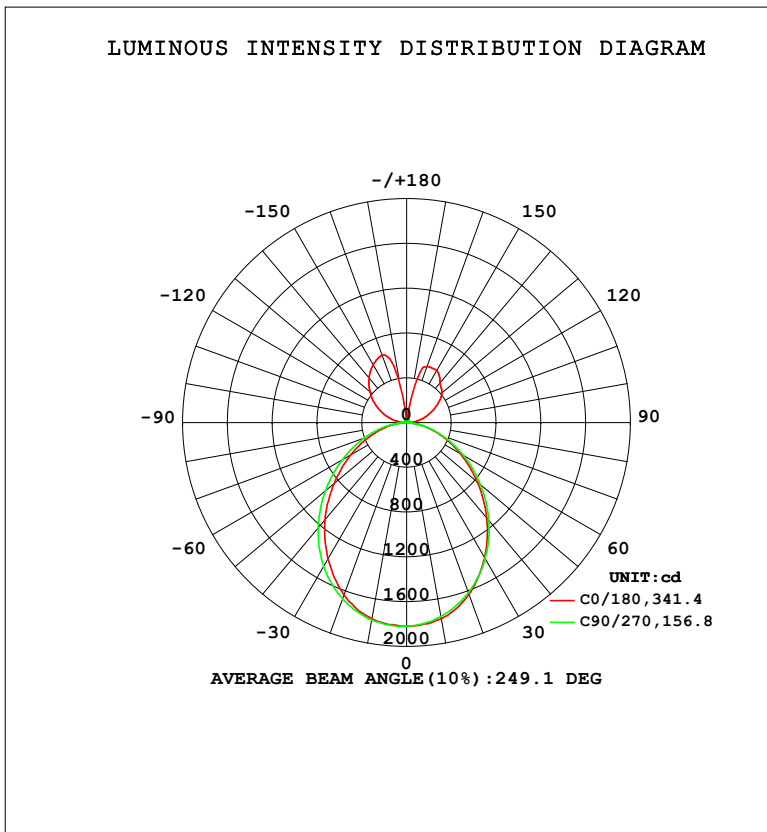


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.75 lm/W			
MODEL		I <sub>max</sub> (cd)	1822	S/MH (C0/180)	1.16
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	5927.0	η UP, DN (C0-180)	12.6, 36.0
NOMINAL FLUX (lm)	5927.02	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	12.9, 38.5
LAMPS INSIDE	1	η up (%)	25.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	74.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 02 April 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 7.940m [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	1779	1768	1760	1765	1780	1788	1791	1791	0- 10	171.6	171.6	2.9,2.9
20	1632	1627	1617	1621	1639	1666	1676	1679	10- 20	485.4	657.0	11.1,11.1
30	1395	1404	1403	1394	1406	1453	1482	1471	20- 30	710.5	1368	23.1,23.1
40	1115	1129	1142	1122	1137	1184	1230	1202	30- 40	810.4	2178	36.7,36.7
50	824.1	848.5	860.8	840.7	845.1	903.9	947.4	920.0	40- 50	784.7	2963	50,50
60	553.9	569.8	585.7	566.2	575.6	627.1	663.0	635.6	50- 60	655.9	3619	61.1,61.1
70	318.9	324.7	337.1	321.2	337.8	375.7	400.1	379.1	60- 70	466.2	4085	68.9,68.9
80	121.1	124.1	131.3	120.9	138.7	162.1	173.6	164.1	70- 80	256.0	4341	73.2,73.2
90	24.62	21.87	15.81	22.25	32.45	32.69	17.53	29.87	80- 90	75.83	4417	74.5,74.5
100	101.2	103.3	16.86	114.2	104.6	93.50	17.63	90.06	90-100	54.57	4471	75.4,75.4
110	205.1	213.3	18.54	222.1	210.8	201.8	18.62	195.0	100-110	142.6	4614	77.8,77.8
120	314.2	282.9	20.36	329.3	321.7	313.3	20.28	284.1	110-120	223.8	4838	81.6,81.6
130	412.4	348.6	22.09	428.1	428.4	421.1	21.77	361.4	120-130	276.7	5114	86.3,86.3
140	467.7	332.3	24.07	514.9	522.8	519.1	22.93	421.0	130-140	293.8	5408	91.2,91.2
150	539.4	324.3	25.79	588.1	597.4	594.9	24.77	430.3	140-150	262.7	5671	95.7,95.7
160	533.0	322.8	27.35	575.1	643.2	582.4	26.47	383.0	150-160	178.4	5849	98.7,98.7
170	152.5	48.60	28.62	62.97	331.0	98.21	28.22	64.40	160-170	72.99	5922	99.9,99.9
180	27.40	28.97	29.03	28.75	27.40	28.98	29.01	28.75	170-180	4.710	5927	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2580.8 lm

%lum = 43.5%

%lamp = 43.5%

Conical surface Flux(130deg): 3877.5 lm

%lum = 65.4%

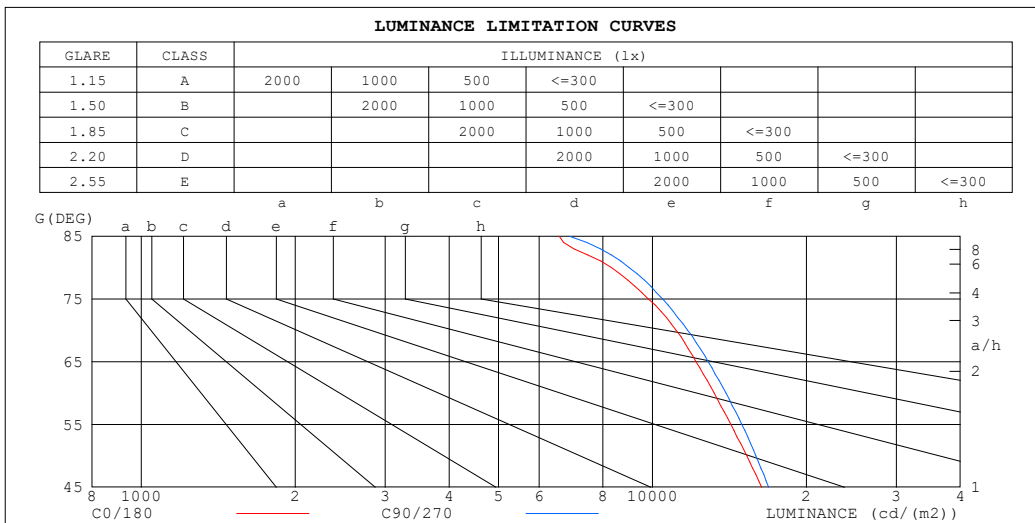
%lamp = 65.4%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:02 April 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6572	6887
80	8318	8997
75	9819	10466
70	11118	11725
65	12173	12856
60	13212	13933
55	14233	14949
50	15289	15929
45	16337	16875

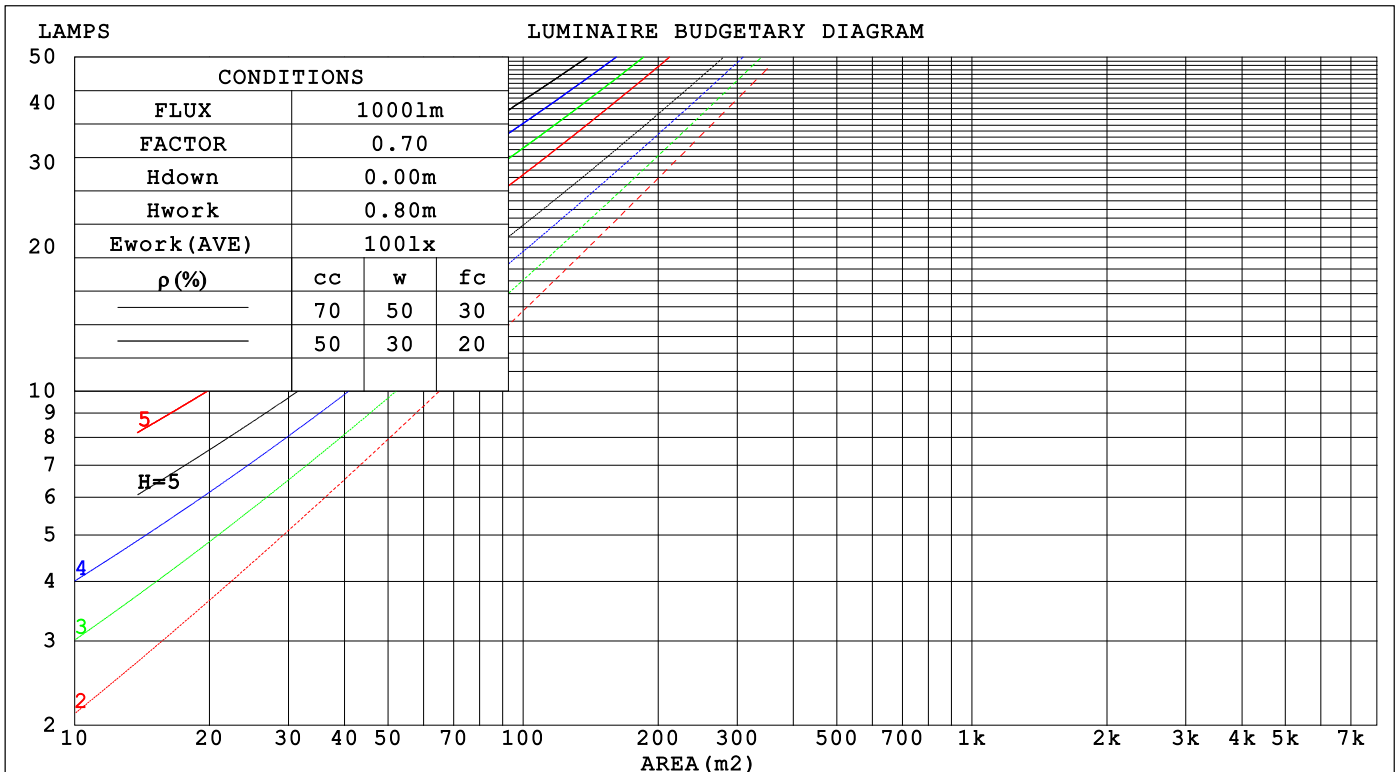
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 02 April 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 7.940m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz		
UTHDI:0.39% ITHDI:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
pw	0															
pfc	0															
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.79	.79	.79	.75
1.0	.99	.95	.92	.94	.91	.88	.85	.83	.80	.77	.75	.73	.70	.68	.67	.63
2.0	.87	.81	.75	.83	.77	.72	.75	.71	.67	.68	.65	.62	.62	.59	.57	.53
3.0	.77	.69	.63	.73	.66	.61	.67	.61	.57	.61	.56	.53	.55	.52	.49	.45
4.0	.68	.60	.54	.65	.58	.52	.59	.53	.49	.54	.49	.45	.49	.45	.42	.39
5.0	.61	.53	.46	.58	.51	.45	.53	.47	.42	.49	.44	.40	.45	.40	.37	.34
6.0	.55	.47	.41	.53	.45	.39	.48	.42	.37	.44	.39	.35	.41	.36	.33	.30
7.0	.50	.42	.36	.48	.40	.35	.44	.38	.33	.40	.35	.31	.37	.33	.29	.27
8.0	.45	.37	.32	.44	.36	.31	.40	.34	.29	.37	.32	.28	.34	.30	.26	.24
9.0	.42	.34	.29	.40	.33	.28	.37	.31	.27	.34	.29	.25	.32	.27	.24	.22
10.0	.38	.31	.26	.37	.30	.25	.34	.28	.24	.32	.27	.23	.29	.25	.22	.20



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:02 April 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz		
UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.285	.162	.051	.270	.154	.049	.242	.139	.044	.217	.125	.040	.194	.112	.036	
2.0	.267	.146	.045	.254	.140	.043	.229	.127	.040	.206	.116	.036	.185	.105	.033	
3.0	.248	.132	.039	.236	.126	.038	.213	.116	.035	.192	.105	.032	.173	.096	.030	
4.0	.230	.119	.035	.219	.114	.034	.198	.105	.031	.179	.096	.029	.161	.088	.027	
5.0	.213	.109	.031	.203	.104	.030	.184	.096	.028	.167	.088	.026	.151	.080	.024	
6.0	.198	.099	.028	.189	.096	.028	.172	.088	.026	.156	.081	.024	.141	.074	.022	
7.0	.185	.092	.026	.177	.088	.025	.161	.081	.023	.146	.075	.022	.132	.069	.020	
8.0	.173	.085	.024	.166	.082	.023	.151	.076	.022	.137	.070	.020	.125	.064	.019	
9.0	.163	.079	.022	.156	.076	.021	.142	.070	.020	.130	.065	.019	.118	.060	.017	
10.0	.154	.074	.020	.147	.071	.020	.134	.066	.019	.122	.061	.017	.111	.056	.016	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.385	.385	.385	.329	.329	.329	.224	.224	.224	.129	.129	.129	.041	.041	.041	
2.0	.374	.352	.332	.320	.302	.286	.219	.208	.198	.126	.120	.115	.040	.039	.037	
3.0	.366	.329	.298	.313	.283	.258	.215	.196	.180	.124	.114	.105	.040	.037	.034	
4.0	.358	.312	.276	.307	.269	.239	.211	.187	.168	.122	.109	.099	.039	.035	.032	
5.0	.351	.300	.260	.301	.259	.226	.207	.180	.159	.120	.106	.094	.039	.034	.031	
6.0	.344	.290	.249	.295	.251	.217	.204	.175	.153	.118	.103	.091	.038	.034	.030	
7.0	.337	.282	.242	.290	.244	.210	.200	.171	.149	.116	.100	.088	.037	.033	.029	
8.0	.331	.275	.236	.285	.238	.206	.197	.167	.146	.114	.098	.087	.037	.032	.029	
9.0	.325	.270	.231	.280	.234	.202	.194	.164	.143	.113	.097	.085	.036	.032	.028	
10.0	.319	.265	.228	.275	.230	.199	.191	.162	.141	.111	.095	.084	.036	.031	.028	
10.0	.314	.261	.225	.271	.227	.197	.188	.159	.140	.110	.094	.083	.036	.031	.028	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3 °C  
 Operators:  
 Test Date:02 April 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm										
NAME: UDLA-SW3C50			TYPE:			WEIGHT:				
SPEC.: 120~277V			DIM.: 1.2*0.07			SERIAL No.:				
MFR.:			SUR.: 1.2*0.07			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	20.2	21.3	20.8	21.9	22.6	20.5	21.6	21.1	22.2	22.9
3H	21.3	22.4	22.0	23.0	23.7	21.7	22.7	22.3	23.3	24.0
4H	21.8	22.7	22.4	23.4	24.1	22.1	23.1	22.7	23.7	24.4
6H	22.0	22.9	22.7	23.6	24.3	22.4	23.3	23.0	23.9	24.7
8H	22.1	22.9	22.7	23.6	24.4	22.4	23.3	23.1	24.0	24.8
12H	22.1	22.9	22.8	23.6	24.4	22.5	23.3	23.1	24.0	24.8
4H 2H	20.6	21.6	21.3	22.2	23.0	20.8	21.8	21.5	22.5	23.2
3H	21.9	22.8	22.6	23.4	24.2	22.2	23.0	22.9	23.7	24.5
4H	22.5	23.2	23.2	23.9	24.7	22.8	23.5	23.5	24.2	25.0
6H	22.8	23.5	23.5	24.2	25.1	23.1	23.8	23.9	24.5	25.4
8H	22.9	23.5	23.6	24.3	25.1	23.3	23.9	24.0	24.6	25.5
12H	22.9	23.5	23.7	24.2	25.1	23.3	23.9	24.1	24.6	25.5
8H 4H	22.6	23.2	23.3	23.9	24.8	22.9	23.5	23.6	24.2	25.1
6H	23.1	23.6	23.8	24.3	25.3	23.4	23.9	24.1	24.6	25.6
8H	23.2	23.7	24.0	24.4	25.4	23.5	24.0	24.3	24.8	25.7
12H	23.3	23.7	24.1	24.5	25.4	23.6	24.0	24.5	24.8	25.8
12H 4H	22.6	23.1	23.3	23.9	24.8	22.8	23.4	23.6	24.1	25.0
6H	23.1	23.5	23.9	24.3	25.2	23.4	23.8	24.2	24.6	25.5
8H	23.2	23.6	24.1	24.4	25.4	23.6	23.9	24.4	24.8	25.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 5927 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 6.2$ )  
Area: 0.084 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:02 April 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$ Interval: 1.0DEG  
Test System: GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:7.940m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

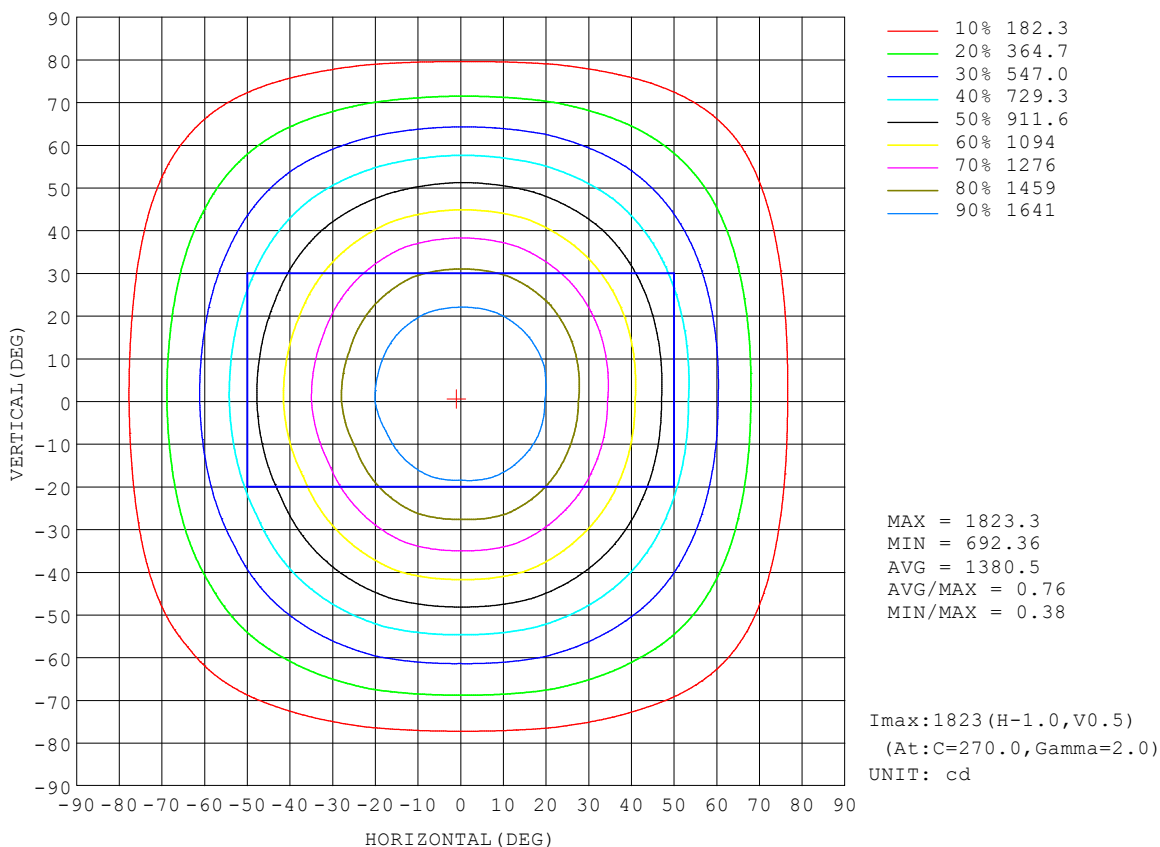
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	41	35	51	41	35	48	39	34	27
0.80	62	51	44	60	50	43	56	47	42	33
1.00	70	59	52	68	58	51	63	56	49	40
1.25	77	66	59	74	65	58	69	61	55	45
1.50	82	72	65	79	70	63	72	65	60	49
2.00	89	80	73	85	77	71	78	72	67	54
2.50	93	85	79	88	81	76	81	75	71	57
3.00	96	89	83	92	85	80	83	79	75	60
4.00	100	94	89	95	90	86	87	83	79	63
5.00	102	97	93	97	93	89	89	85	82	65
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:  
Test Date:02 April 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$ Interval: 1.0DEG  
Test System: GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:7.940m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:02 April 2024

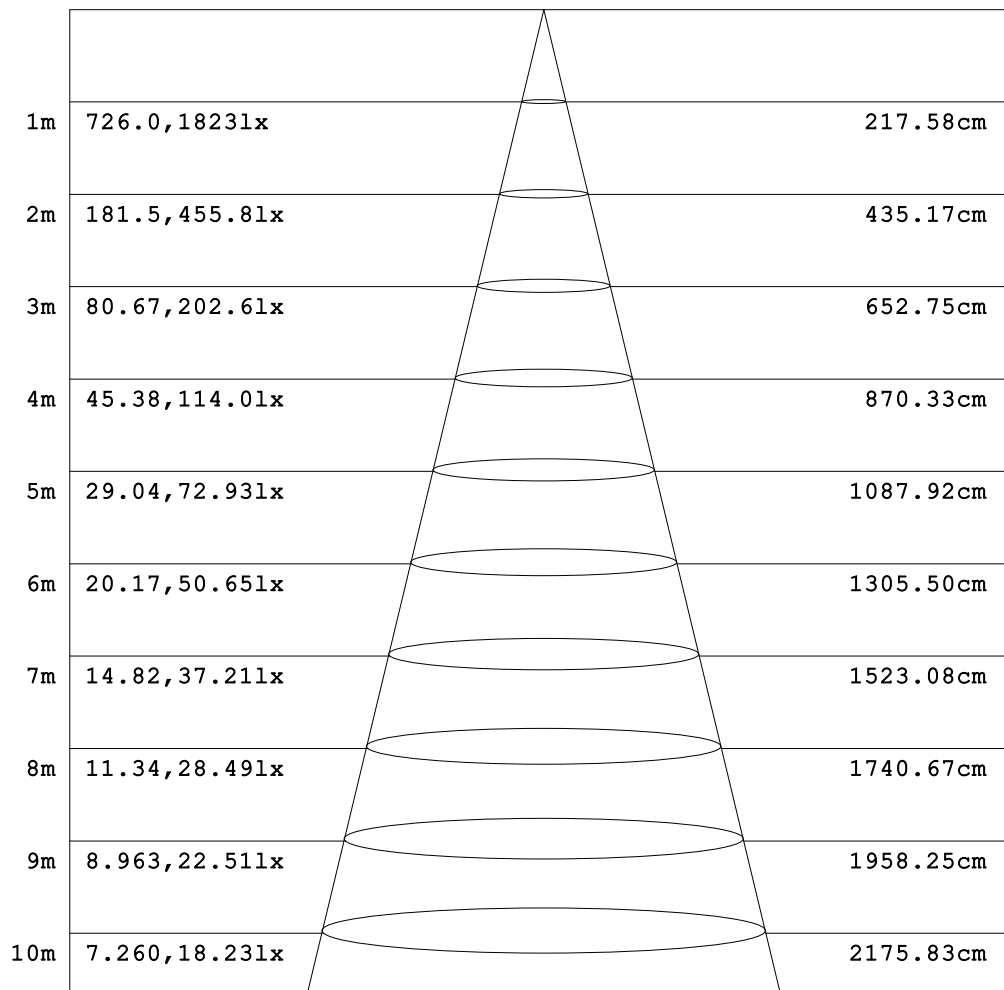
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

Flux out:2813 lm



Height                      Eavg, Emax                      Angle:94.82deg                      Diameter

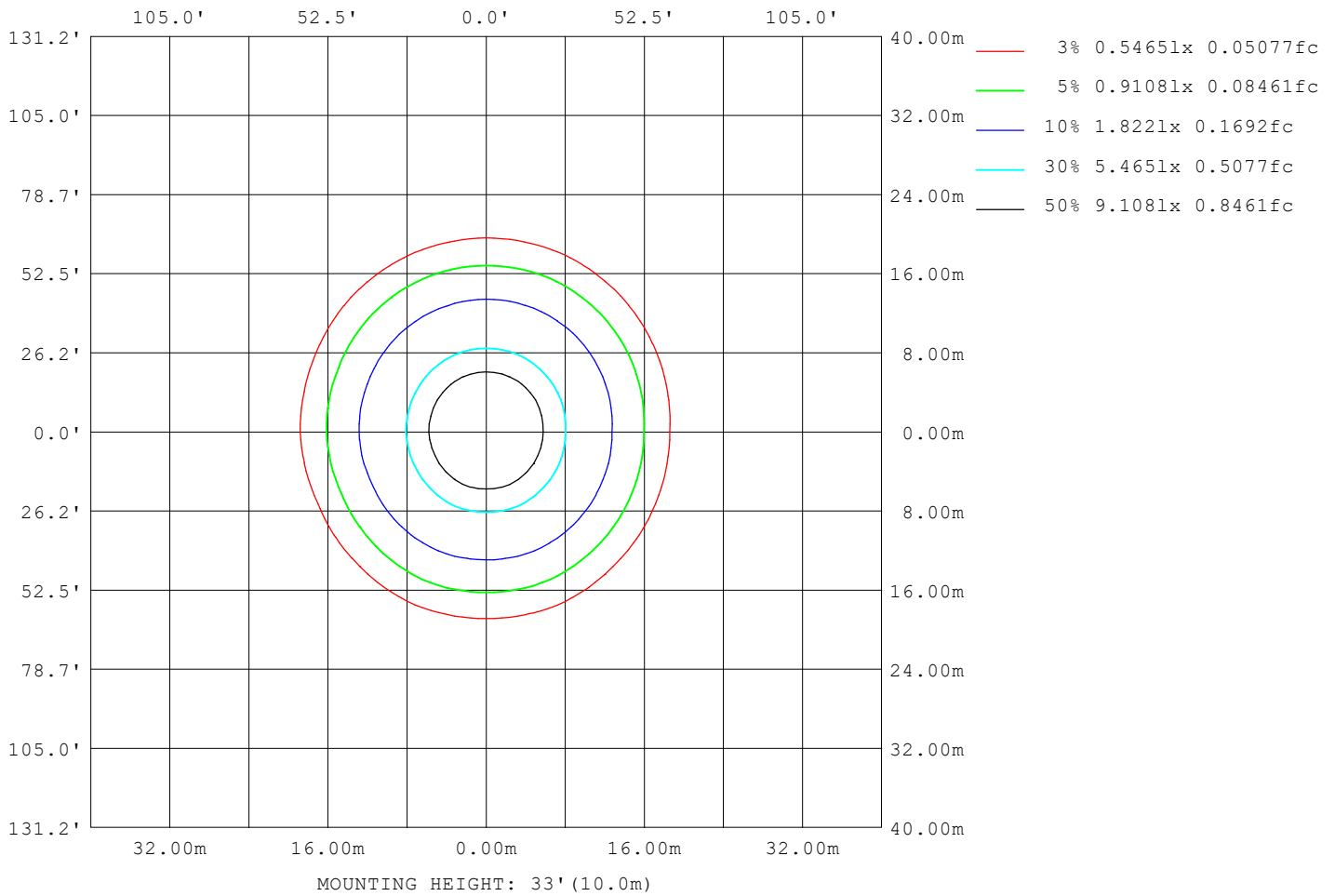
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3 °C  
 Operators:  
 Test Date:02 April 2024

γ Range: 0 - 180DEG  
 γInterval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:02 April 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:7.940m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	Shielding Angle:

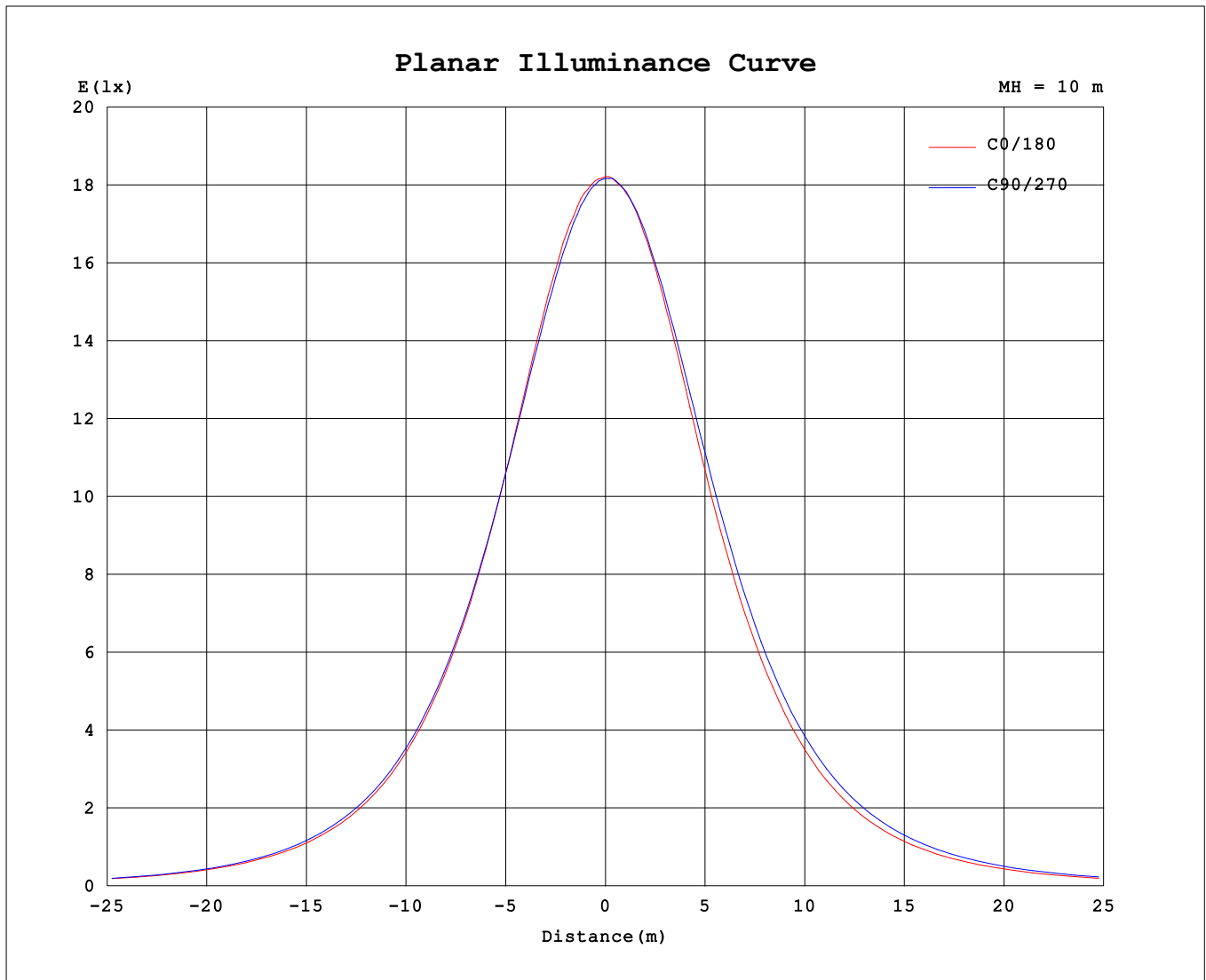
AvgL	cd/m2
L_0~180 (65) av	12437
L_0~180 (75) av	10263
L_0~180 (85) av	7704
L_90~270 (65) av	13879
L_90~270 (75) av	11714
L_90~270 (85) av	9184
L_45 (65) av	13253
L_45 (75) av	11064
L_45 (85) av	8426

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:02 April 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:7.940m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators:  
Test Date: 02 April 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: GO-2000B\_V1 SYSTEM V2.00.458  
Humidity: 65.0%  
Test Distance: 7.940m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.98V I:0.3998A P:47.133W PF:0.9827 Freq:60.01Hz		
UTHDi:0.39% ITHDi:8.46% KDisp:0.0000 Lamp Flux:5927.02x1 lm		
NAME: UDLA-SW3C50	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 1.2*0.07	SERIAL No.:
MFR.:	SUR.: 1.2*0.07	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	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818	1818			
5	1807	1807	1800	1800	1800	1801	1799	1806	1811	1808	1812	1813	1815	1815	1811	1817			
10	1779	1775	1768	1761	1760	1763	1765	1773	1780	1784	1788	1785	1791	1787	1791	1794			
15	1719	1715	1712	1702	1696	1705	1706	1707	1724	1728	1739	1742	1743	1746	1747	1741			
20	1632	1633	1627	1629	1617	1627	1621	1621	1639	1645	1666	1677	1676	1679	1679	1664			
25	1520	1519	1528	1529	1517	1526	1518	1508	1528	1538	1571	1584	1588	1591	1587	1560			
30	1395	1394	1404	1417	1403	1415	1394	1383	1406	1415	1453	1480	1482	1487	1471	1437			
35	1258	1258	1269	1288	1277	1286	1262	1246	1273	1282	1321	1354	1363	1364	1338	1304			
40	1115	1120	1129	1153	1142	1151	1122	1105	1137	1144	1184	1222	1230	1234	1202	1166			
45	969	976	988	1011	1003	1009	982	962	990	1005	1043	1080	1091	1093	1059	1023			
50	824	829	849	867	861	866	841	818	845	861	904	932	947	946	920	875			
55	685	689	705	726	721	727	701	679	706	722	762	790	805	802	777	731			
60	554	556	570	592	586	593	566	548	576	590	627	651	663	661	636	596			
65	431	433	442	465	457	464	439	426	452	464	498	520	529	529	503	469			
70	319	320	325	342	337	341	321	313	338	348	376	395	400	403	379	352			
75	213	215	218	230	228	230	215	209	233	242	263	279	282	283	266	244			
80	121	124	124	133	131	132	121	116	139	147	162	175	174	177	164	149			
85	48.0	48.9	47.2	51.2	50.5	48.9	45.8	48.1	64.8	65.6	72.8	84.6	84.0	84.9	80.9	65.0			
90	24.6	23.1	21.9	20.2	15.8	20.0	22.3	24.8	32.4	31.8	32.7	26.4	17.5	25.3	29.9	27.0			
95	51.5	54.4	58.9	54.3	16.4	64.2	64.6	61.3	51.4	49.2	45.8	42.7	17.9	43.7	41.0	39.1			
100	101	102	103	104	16.9	113	114	111	105	101	93.5	88.4	17.6	90.6	90.1	91.5			
105	152	153	157	144	17.7	166	167	164	156	153	147	140	18.1	141	142	143			
110	205	207	213	183	18.5	219	222	219	211	207	202	194	18.6	191	195	197			
115	260	263	263	211	19.5	269	277	274	266	262	257	251	19.4	241	244	250			
120	314	318	283	231	20.4	320	329	328	322	318	313	310	20.3	278	284	298			
125	368	358	327	271	21.2	369	380	382	377	372	368	367	21.0	321	336	338			
130	412	381	349	312	22.1	416	428	432	428	425	421	419	21.8	360	361	379			
135	438	426	341	338	23.0	461	473	479	478	475	472	464	22.0	382	402	433			
140	468	445	332	351	24.1	498	515	522	523	520	519	499	22.9	390	421	463			
145	511	443	322	345	24.9	500	553	559	563	562	560	503	23.9	378	429	499			
150	539	399	324	267	25.8	395	588	592	597	598	595	418	24.8	294	430	498			
155	538	367	344	169	26.6	234	616	619	626	630	618	271	25.7	176	420	483			
160	533	316	323	80.9	27.3	94.8	575	641	643	642	582	126	26.5	83.8	383	453			
165	467	259	201	29.2	28.0	31.3	312	568	594	559	361	34.7	27.3	29.4	228	374			
170	153	87.2	48.6	28.9	28.6	30.2	63.0	201	331	261	98.2	30.4	28.2	28.5	64.4	132			
175	28.0	28.3	28.8	29.0	29.0	29.6	30.7	28.6	28.9	31.0	32.0	29.6	28.7	28.8	28.4	27.2			
180	27.4	27.8	29.0	29.2	29.0	29.3	28.8	27.1	27.4	27.8	29.0	29.2	29.0	29.2	28.8	27.0			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:02 April 2024

γ Range: 0 - 180DEG  
 γInterval: 1.0DEG  
 Test System: GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
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