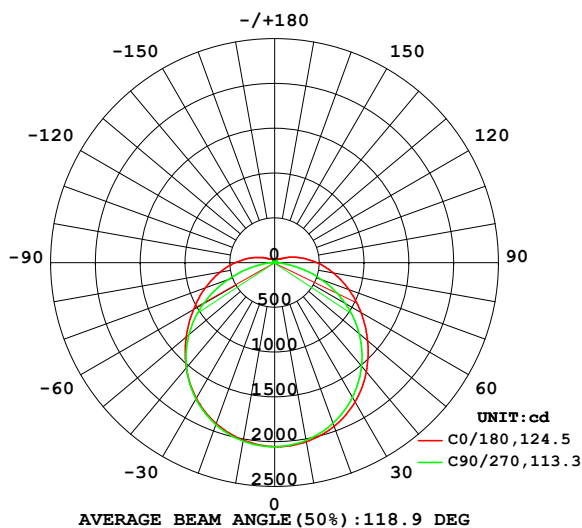


## LUMINAIRE PHOTOMETRIC TEST REPORT

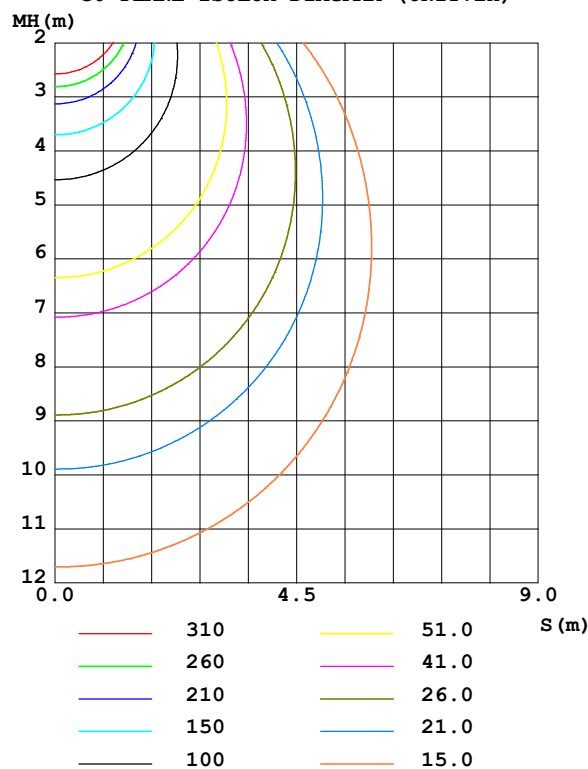
Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 128.91 lm/W
MODEL		I <sub>max</sub> (cd)	2056	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	55.4	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	7150.3	η UP,DN(C0-180)	3.9,46.2	
NOMINAL FLUX(lm)	7150.33	CIE CLASS	DIRECT	η UP,DN(C180-360)	3.8,46.1	
LAMPS INSIDE	1	η up (%)	7.6	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	240.3	η down (%)	92.4	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:25.3℃  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [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	2031	2024	2015	2014	2013	2019	2024	2031	0- 10	194.6	194.6	2.72,2.72
20	1945	1926	1908	1909	1911	1917	1925	1940	10- 20	559.2	753.7	10.5,10.5
30	1797	1766	1738	1744	1749	1754	1759	1785	20- 30	852.9	1607	22.5,22.5
40	1593	1550	1510	1525	1535	1531	1533	1572	30- 40	1038	2645	37,37
50	1356	1285	1232	1262	1289	1259	1250	1311	40- 50	1093	3738	52.3,52.3
60	1114	993.4	909.7	984.4	1047	959.8	919.3	1034	50- 60	1020	4758	66.5,66.5
70	882.8	711.7	556.8	728.4	823.7	675.8	554.2	771.2	60- 70	845.0	5603	78.4,78.4
80	666.2	464.5	213.0	505.9	620.2	433.6	202.0	533.5	70- 80	613.8	6217	86.9,86.9
90	472.0	268.4	18.58	323.9	439.2	250.0	14.77	337.9	80- 90	387.5	6604	92.4,92.4
100	307.9	135.7	11.16	188.4	290.3	127.6	9.538	191.2	90-100	226.6	6831	95.5,95.5
110	181.3	63.77	14.61	102.0	175.6	63.96	12.58	94.73	100-110	126.8	6957	97.3,97.3
120	96.93	45.14	18.19	59.07	96.91	42.85	15.74	56.25	110-120	68.91	7026	98.3,98.3
130	66.32	39.41	21.51	48.21	65.55	37.85	18.97	46.49	120-130	42.66	7069	98.9,98.9
140	53.27	34.74	24.64	42.05	52.49	34.77	22.28	39.67	130-140	31.21	7100	99.3,99.3
150	43.86	32.32	27.28	37.59	43.02	32.57	25.34	34.60	140-150	22.76	7123	99.6,99.6
160	36.62	31.03	29.42	33.90	36.26	30.44	27.84	31.67	150-160	15.43	7138	99.8,99.8
170	32.26	30.83	30.77	31.47	31.51	30.31	29.96	30.70	160-170	8.925	7147	100,100
180	31.59	31.04	31.21	31.22	31.52	31.04	31.20	31.20	170-180	2.957	7150	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3193.1 lm

%lum = 44.7%

%lamp = 44.7%

Conical surface Flux(120deg): 4757.8 lm

%lum = 66.5%

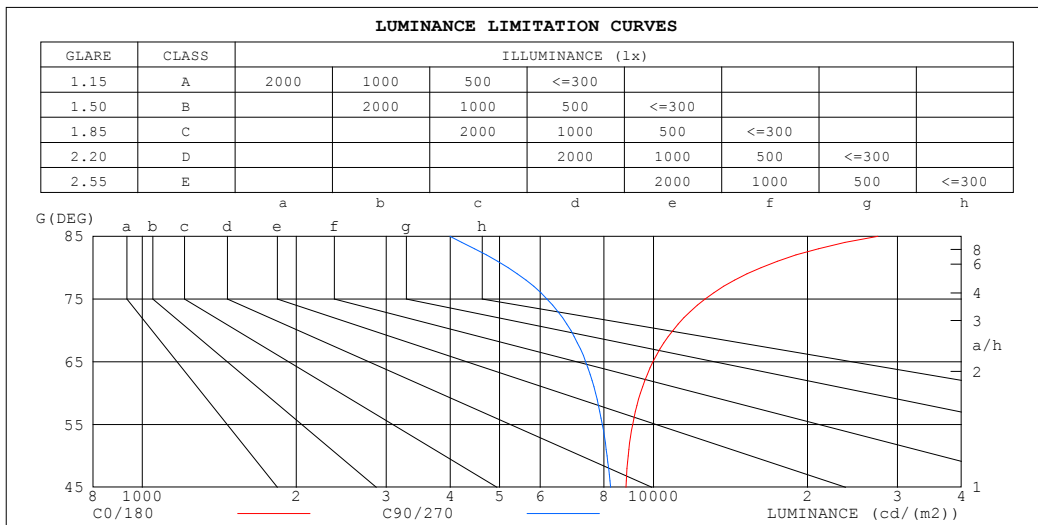
%lamp = 66.5%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity:65.0%  
 Test Distance:12.020m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	27456	3999
80	16227	5192
75	12618	6188
70	10916	6890
65	9975	7368
60	9427	7700
55	9100	7938
50	8919	8113
45	8829	8243

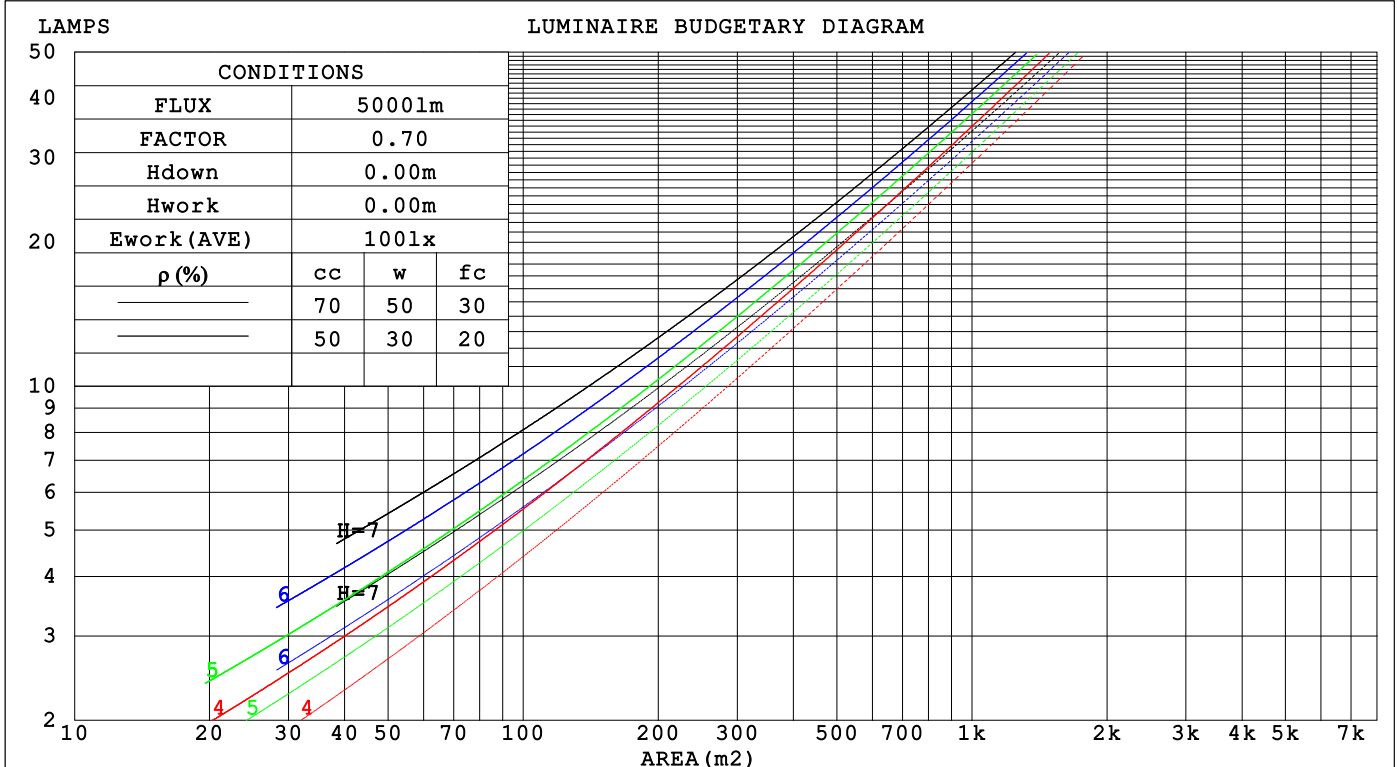
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	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															



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	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	.356	.202	.064	.347	.198	.063	.329	.189	.060	.312	.180	.058	.297	.172	.056		
2.0	.317	.174	.053	.309	.170	.052	.293	.163	.051	.278	.156	.049	.265	.150	.047		
3.0	.286	.152	.046	.279	.149	.045	.264	.143	.044	.251	.138	.042	.239	.132	.041		
4.0	.260	.135	.040	.253	.133	.039	.240	.128	.038	.229	.123	.037	.217	.118	.036		
5.0	.238	.121	.035	.232	.119	.035	.220	.115	.034	.210	.111	.033	.200	.107	.032		
6.0	.219	.110	.031	.214	.108	.031	.203	.104	.030	.193	.101	.030	.184	.097	.029		
7.0	.203	.100	.028	.198	.099	.028	.188	.095	.027	.180	.092	.027	.171	.089	.026		
8.0	.189	.092	.026	.184	.091	.026	.176	.088	.025	.168	.085	.024	.160	.082	.024		
9.0	.176	.085	.024	.172	.084	.024	.164	.081	.023	.157	.079	.023	.150	.076	.022		
10.0	.165	.079	.022	.162	.078	.022	.154	.076	.021	.148	.073	.021	.141	.071	.020		

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	.249	.249	.249	.213	.213	.213	.145	.145	.145	.083	.083	.083	.027	.027	.027		
1.0	.242	.214	.189	.207	.184	.163	.142	.127	.113	.082	.073	.066	.026	.024	.021		
2.0	.235	.191	.154	.201	.164	.133	.138	.114	.093	.079	.066	.054	.025	.021	.018		
3.0	.227	.174	.131	.195	.150	.114	.134	.104	.080	.077	.061	.047	.025	.020	.015		
4.0	.219	.161	.116	.188	.139	.101	.129	.097	.071	.075	.057	.042	.024	.018	.014		
5.0	.212	.151	.106	.182	.130	.092	.125	.091	.065	.072	.053	.039	.023	.017	.013		
6.0	.204	.143	.098	.175	.123	.086	.121	.086	.061	.070	.051	.036	.023	.017	.012		
7.0	.197	.136	.093	.170	.118	.081	.117	.083	.057	.068	.049	.034	.022	.016	.011		
8.0	.190	.130	.089	.164	.113	.077	.113	.079	.055	.066	.047	.033	.021	.015	.011		
9.0	.184	.125	.085	.159	.109	.074	.110	.076	.053	.064	.045	.032	.021	.015	.010		
10.0	.178	.121	.083	.154	.105	.072	.107	.074	.051	.062	.044	.031	.020	.014	.010		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm										
NAME: LED445-W46 (56W 300mA 6000K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.236350			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	20.2	21.7	20.6	22.0	22.4	19.4	20.9	19.8	21.2	21.6
3H	22.4	23.8	22.8	24.1	24.5	20.9	22.2	21.3	22.6	23.0
4H	23.6	24.9	24.0	25.3	25.7	21.4	22.7	21.9	23.1	23.6
6H	24.9	26.1	25.3	26.5	26.9	21.8	23.0	22.3	23.5	23.9
8H	25.6	26.8	26.0	27.2	27.6	21.9	23.1	22.4	23.5	24.0
12H	26.4	27.5	26.8	28.0	28.4	22.0	23.1	22.4	23.5	24.0
4H 2H	20.8	22.1	21.2	22.4	22.9	20.2	21.4	20.6	21.8	22.3
3H	23.2	24.3	23.7	24.8	25.2	21.8	23.0	22.3	23.4	23.9
4H	24.6	25.6	25.0	26.1	26.6	22.5	23.6	23.0	24.0	24.5
6H	26.1	27.0	26.6	27.5	28.0	23.0	24.0	23.6	24.5	25.0
8H	26.9	27.7	27.4	28.3	28.8	23.2	24.1	23.7	24.6	25.1
12H	27.8	28.6	28.4	29.1	29.7	23.3	24.1	23.9	24.6	25.2
8H 4H	24.9	25.7	25.4	26.2	26.8	23.1	24.0	23.7	24.5	25.1
6H	26.6	27.4	27.2	27.9	28.5	23.9	24.6	24.5	25.2	25.8
8H	27.6	28.3	28.2	28.9	29.5	24.2	24.8	24.8	25.4	26.0
12H	28.8	29.4	29.4	30.0	30.6	24.4	25.0	25.0	25.6	26.2
12H 4H	24.9	25.7	25.4	26.2	26.8	23.3	24.1	23.9	24.6	25.2
6H	26.7	27.4	27.3	27.9	28.5	24.2	24.9	24.8	25.4	26.1
8H	27.8	28.4	28.4	29.0	29.6	24.6	25.2	25.2	25.8	26.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 7150 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 6.8$ )  
Area: 0.23635 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

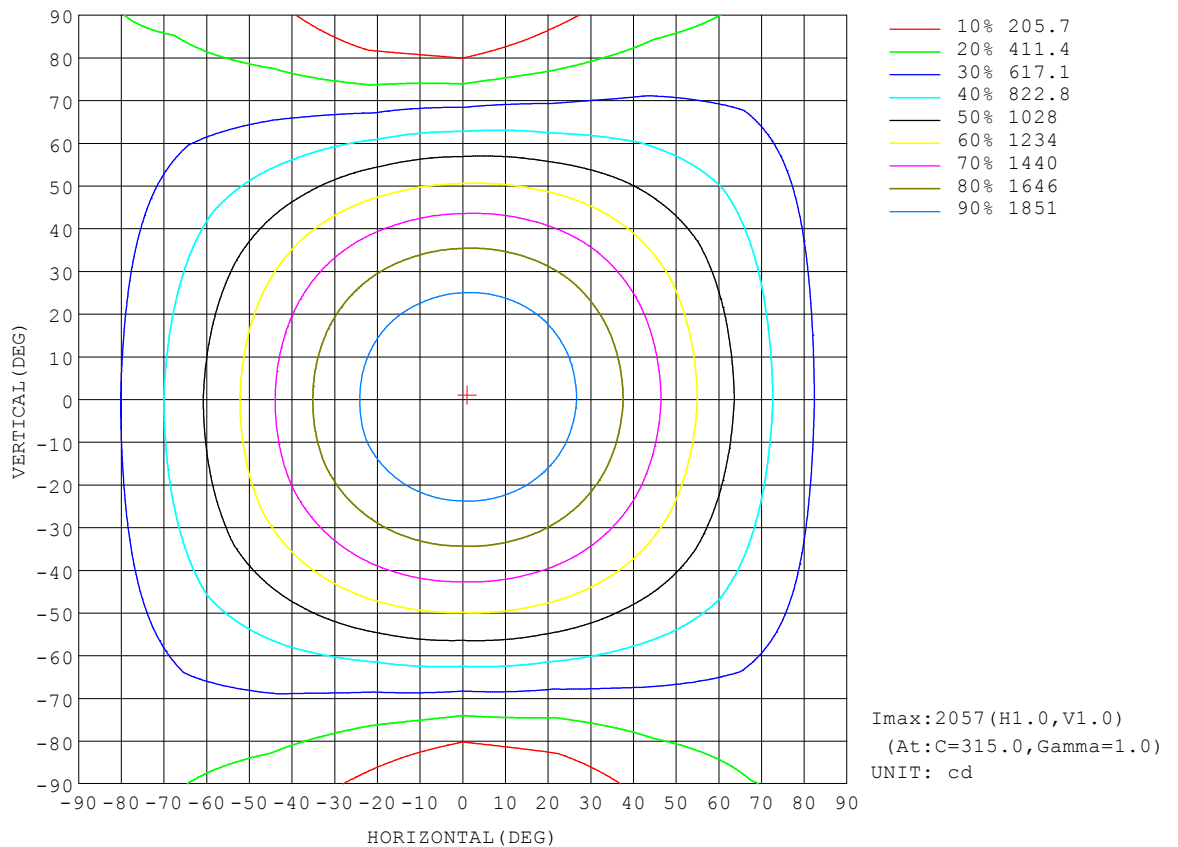
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	62	50	42	61	50	42	59	49	42	34
1.00	70	58	50	69	58	50	66	59	49	42
1.25	77	66	58	76	65	57	72	63	56	48
1.50	82	71	63	80	70	63	77	68	61	53
2.00	89	80	72	87	78	71	83	75	69	60
2.50	94	85	77	91	83	76	86	79	74	64
3.00	97	89	82	94	87	81	89	83	78	68
4.00	102	95	89	99	92	87	93	88	84	72
5.00	104	98	93	101	96	91	95	91	87	75
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:2024-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



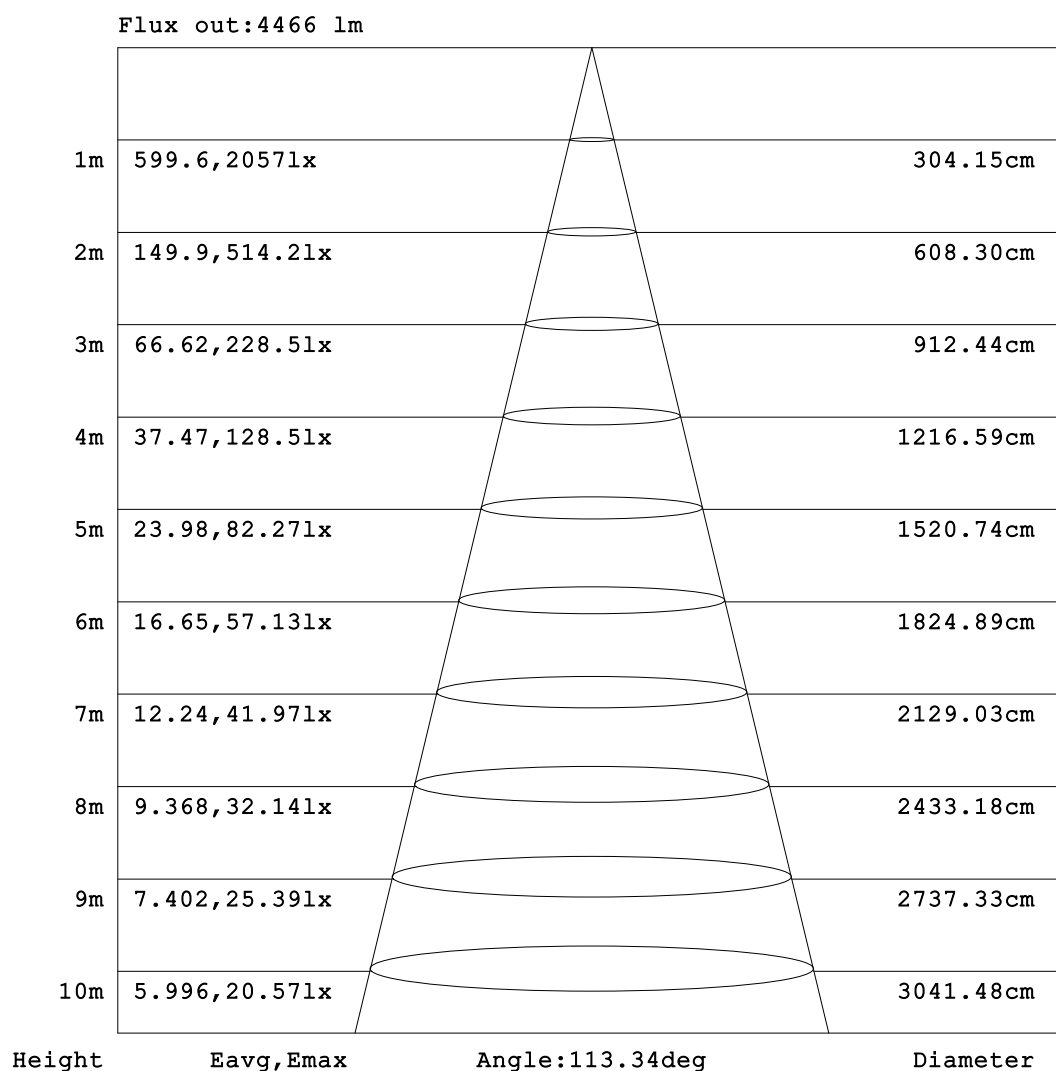
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



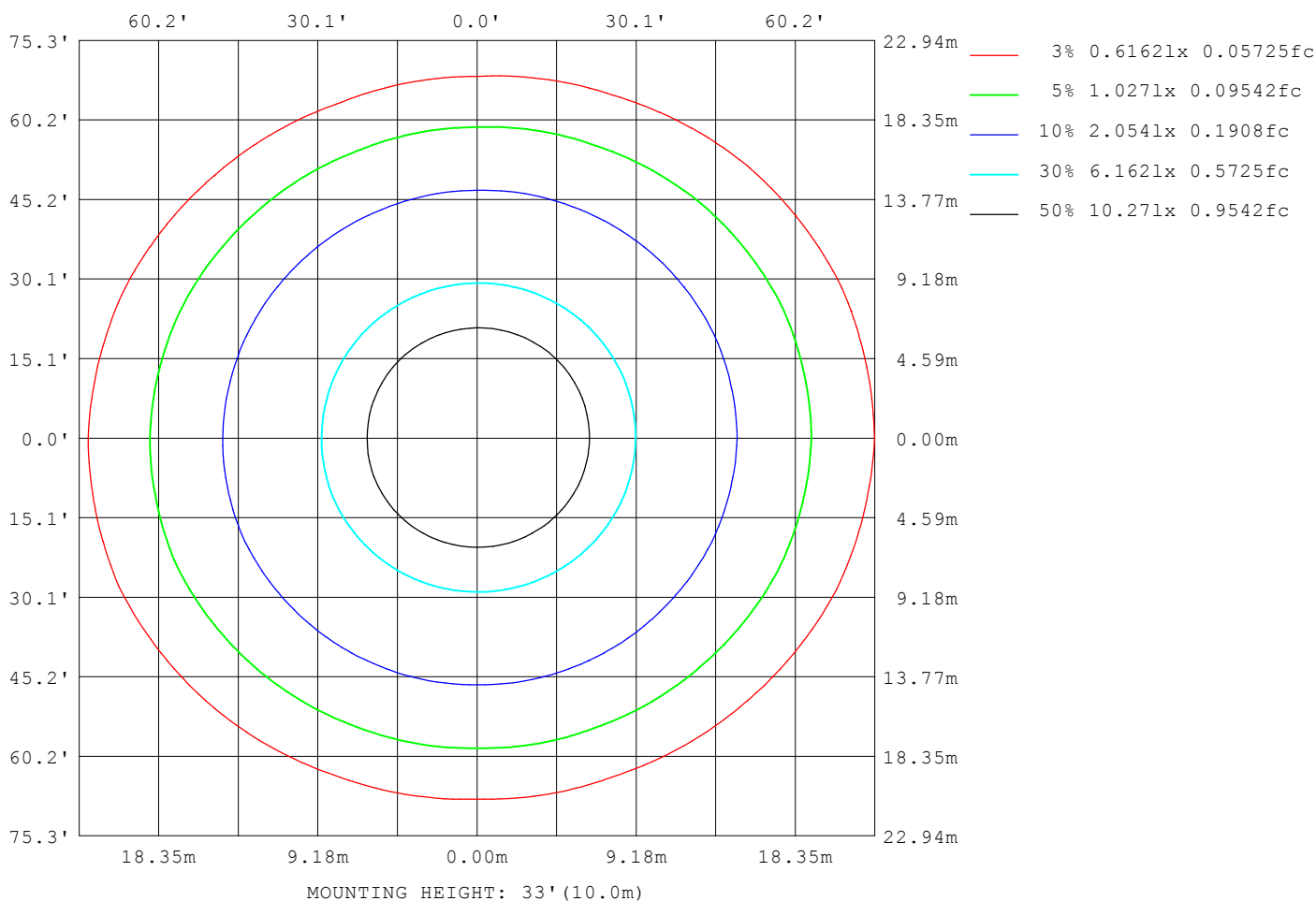
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

# ISOLUX DIAGRAM

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	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:2024-04-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm		
NAME: LED445-W46 (56W 300mA 6000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.236350	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

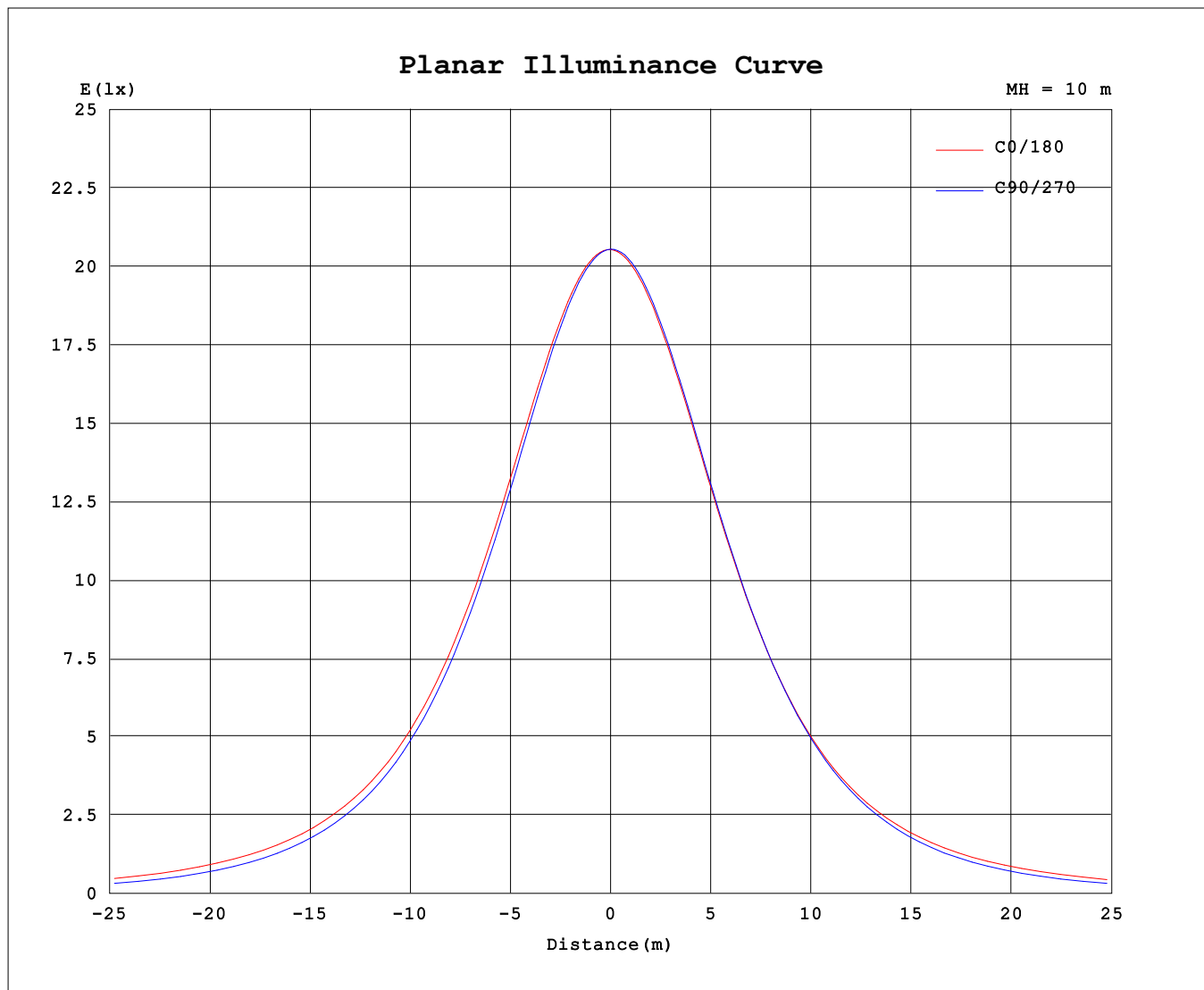
AvgL	cd/m2
L_0~180 (65) av	9659
L_0~180 (75) av	12190
L_0~180 (85) av	26471
L_90~270 (65) av	7387
L_90~270 (75) av	6120
L_90~270 (85) av	3759
L_45 (65) av	8544
L_45 (75) av	9771
L_45 (85) av	18601

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2024-04-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 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: 2024-04-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.35V I:0.2450A P:55.468W PF:0.9827 Freq:50.00Hz Lamp Flux:7150.33x1 lm																	
NAME: LED445-W46 (56W 300mA 6000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.: 0.236350						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	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055	2055			
5	2051	2050	2047	2046	2044	2043	2043	2043	2042	2044	2045	2047	2048	2050	2051	2051			
10	2031	2030	2024	2019	2015	2014	2014	2015	2013	2018	2019	2021	2024	2028	2031	2032			
15	1996	1993	1983	1976	1970	1969	1970	1972	1970	1974	1977	1979	1983	1988	1994	1995			
20	1945	1940	1926	1916	1908	1908	1909	1914	1911	1915	1917	1920	1925	1932	1940	1943			
25	1878	1871	1854	1841	1831	1831	1834	1841	1837	1842	1843	1844	1850	1860	1870	1876			
30	1797	1787	1766	1750	1738	1740	1744	1753	1749	1753	1754	1753	1759	1771	1785	1793			
35	1701	1689	1665	1645	1631	1634	1641	1652	1648	1651	1649	1647	1653	1668	1686	1695			
40	1593	1578	1550	1526	1510	1515	1525	1539	1535	1536	1531	1526	1533	1549	1572	1586			
45	1476	1457	1423	1395	1377	1384	1398	1417	1414	1410	1400	1392	1397	1418	1447	1466			
50	1356	1329	1285	1251	1232	1242	1262	1289	1289	1278	1259	1245	1250	1274	1311	1342			
55	1234	1200	1141	1098	1076	1090	1123	1163	1166	1146	1111	1087	1090	1121	1173	1218			
60	1114	1072	993	935	910	932	984	1041	1047	1016	960	919	919	960	1034	1095			
65	997	947	849	767	736	772	852	924	933	893	813	746	740	797	900	975			
70	883	826	712	597	557	618	728	813	824	777	676	571	554	640	771	858			
75	772	712	582	432	378	475	612	707	719	666	547	405	370	494	649	746			
80	666	603	464	289	213	352	506	606	620	563	434	262	202	365	533	639			
85	566	499	359	174	82.4	249	409	510	525	467	334	153	72.5	256	430	538			
90	472	407	268	93.7	18.6	168	324	424	439	381	250	80.5	14.8	169	338	444			
95	386	324	194	47.1	9.91	108	250	347	361	304	181	40.4	8.39	107	258	359			
100	308	251	136	27.4	11.2	69.0	188	277	290	237	128	24.2	9.54	65.7	191	283			
105	239	189	93.4	23.1	12.9	46.7	139	216	228	180	88.9	20.7	11.0	43.8	138	217			
110	181	139	63.8	22.9	14.6	37.0	102	165	176	135	64.0	20.3	12.6	35.4	94.7	163			
115	135	102	49.4	23.2	16.4	33.3	72.0	125	133	96.1	49.3	20.6	14.1	32.8	68.6	120			
120	96.9	74.9	45.1	23.7	18.2	32.0	59.1	90.6	96.9	74.0	42.8	21.1	15.7	30.6	56.2	86.2			
125	76.9	63.0	42.3	24.4	19.9	31.5	52.2	72.4	76.9	61.7	40.0	22.0	17.4	29.9	50.6	69.4			
130	66.3	56.2	39.4	24.9	21.5	31.4	48.2	62.7	65.6	54.6	37.8	22.9	19.0	29.4	46.5	58.2			
135	59.3	51.3	37.4	25.6	23.1	31.3	44.9	56.3	58.3	49.8	36.1	23.8	20.6	28.7	43.0	54.5			
140	53.3	46.4	34.7	26.2	24.6	31.2	42.1	51.1	52.5	45.7	34.8	24.2	22.3	28.3	39.7	49.7			
145	48.2	43.5	33.4	26.9	26.0	31.0	39.7	46.6	47.4	42.2	33.6	25.3	23.8	28.1	36.7	45.5			
150	43.9	40.2	32.3	27.9	27.3	30.8	37.6	42.7	43.0	39.3	32.6	26.3	25.3	28.0	34.6	41.7			
155	40.0	36.0	31.7	28.7	28.4	30.5	35.7	39.5	39.4	36.7	31.5	27.1	26.7	28.2	32.8	38.4			
160	36.6	33.7	31.0	29.3	29.4	30.6	33.9	36.7	36.3	34.4	30.4	28.1	27.8	28.8	31.7	35.8			
165	34.2	32.3	31.0	30.0	30.2	30.6	32.2	34.1	33.6	32.0	30.3	29.0	29.0	29.4	30.8	33.1			
170	32.3	31.4	30.8	30.6	30.8	30.9	31.5	32.0	31.5	31.1	30.3	30.0	30.0	29.9	30.7	31.7			
175	31.6	31.0	30.9	31.0	31.1	31.1	31.2	31.3	31.1	30.7	30.7	30.6	30.7	30.6	30.9	31.3			
180	31.6	31.0	31.0	31.1	31.2	31.1	31.2	31.3	31.5	31.0	31.0	31.1	31.2	31.1	31.2	31.3			

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Temperature:25.3℃  
Operators:DAMIN  
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