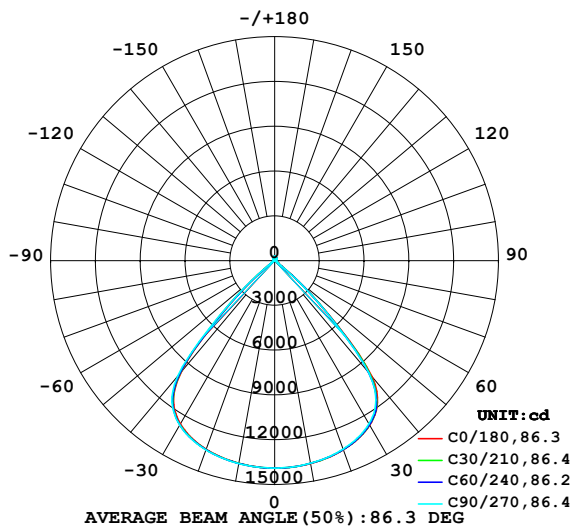


## LUMINAIRE PHOTOMETRIC TEST REPORT

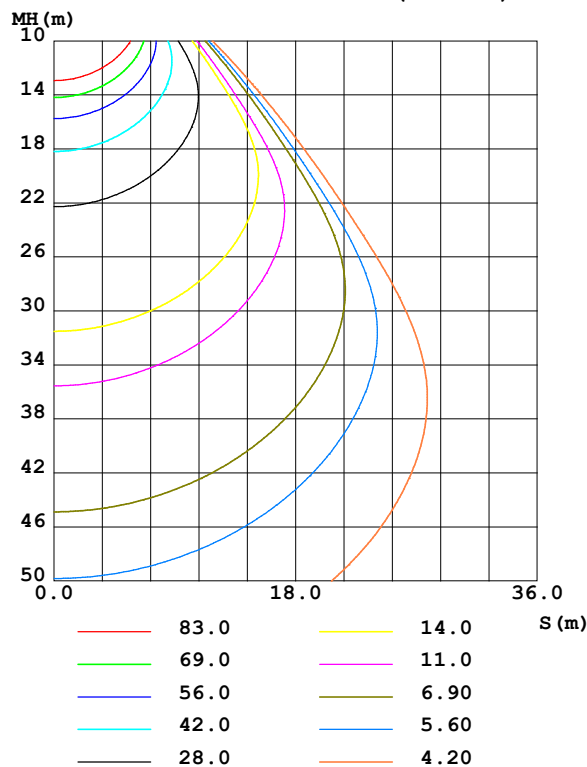
Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.59 lm/W			
MODEL		Imax (cd)	13892	S/MH(C0/180)	1.28
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	23779	$\eta$ UP,DN(C0-180)	1.5,48.9
NOMINAL FLUX(lm)	23778.9	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.0,48.6
LAMPS INSIDE	1	$\eta$ up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	$\eta$ down (%)	97.5	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:QC  
Test Date:2023-05-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [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	1378	1379	1381	1381	1380	1379	1378	1379	0- 10	1322	1322	5.56,5.56
20	1344	1347	1349	1348	1348	1346	1343	1343	10- 20	3865	5186	21.8,21.8
30	1263	1270	1272	1274	1274	1271	1263	1263	20- 30	6068	11254	47.3,47.3
40	976.4	988.5	1012	1014	1014	989.0	980.2	971.8	30- 40	7315	18569	78.1,78.1
50	140.5	147.4	153.9	151.7	152.3	151.3	146.9	144.4	40- 50	4066	22635	95.2,95.2
60	21.64	23.03	24.10	24.32	24.07	22.57	21.12	21.05	50- 60	417.4	23052	96.9,96.9
70	3.373	3.854	4.365	4.038	3.822	3.523	3.210	3.110	60- 70	121.3	23174	97.5,97.5
80	0.6996	0.6938	0.6962	0.7075	0.6434	0.6054	0.5768	0.5909	70- 80	14.58	23188	97.5,97.5
90	0.9305	0.9068	0.8901	0.8917	0.3304	0.3261	0.3273	0.3301	80- 90	5.399	23194	97.5,97.5
100	2.942	2.886	2.840	2.841	0.7343	0.7413	0.7530	0.7555	90-100	12.36	23206	97.6,97.6
110	6.006	5.937	5.868	5.865	2.184	2.212	2.246	2.247	100-110	29.95	23236	97.7,97.7
120	9.755	9.676	9.597	9.586	5.118	5.170	5.226	5.238	110-120	56.05	23292	98,98
130	13.93	13.85	13.76	13.75	9.041	9.120	9.198	9.208	120-130	84.11	23376	98.3,98.3
140	18.00	17.92	17.84	17.83	13.01	13.09	13.17	13.18	130-140	104.3	23481	98.7,98.7
150	21.25	21.19	21.12	21.10	16.27	16.34	16.40	16.40	140-150	107.5	23588	99.2,99.2
160	25.08	25.00	24.93	24.92	20.25	20.33	20.40	20.40	150-160	94.77	23683	99.6,99.6
170	28.47	28.45	28.42	28.42	24.93	25.01	25.08	25.06	160-170	69.62	23753	99.9,99.9
180	28.59	28.64	28.67	28.66	28.58	28.63	28.67	28.66	170-180	26.39	23779	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 21377 lm

%lum = 89.9%

%lamp = 89.9%

Conical surface Flux(120deg): 23052 lm

%lum = 96.9%

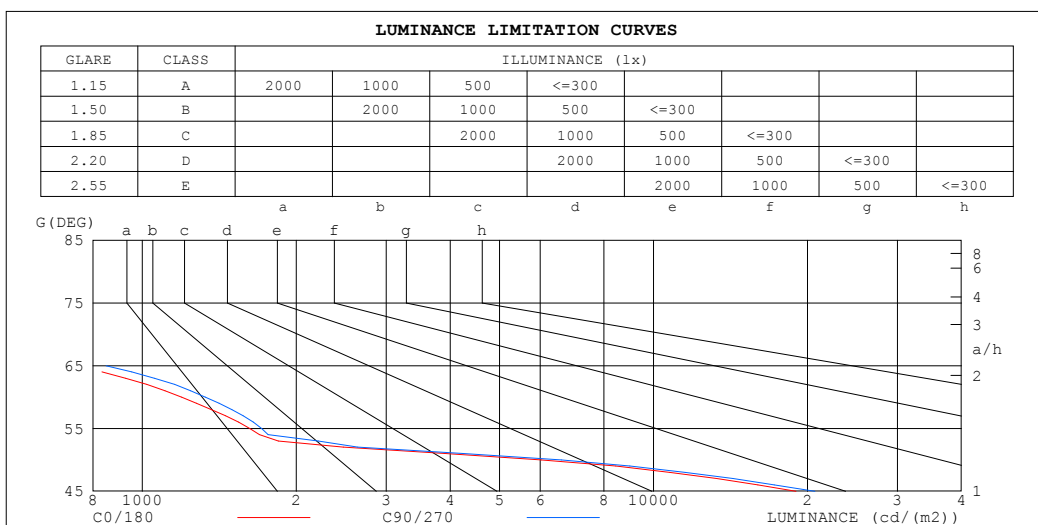
%lamp = 96.9%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:QC  
 Test Date:2023-05-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:10.160m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



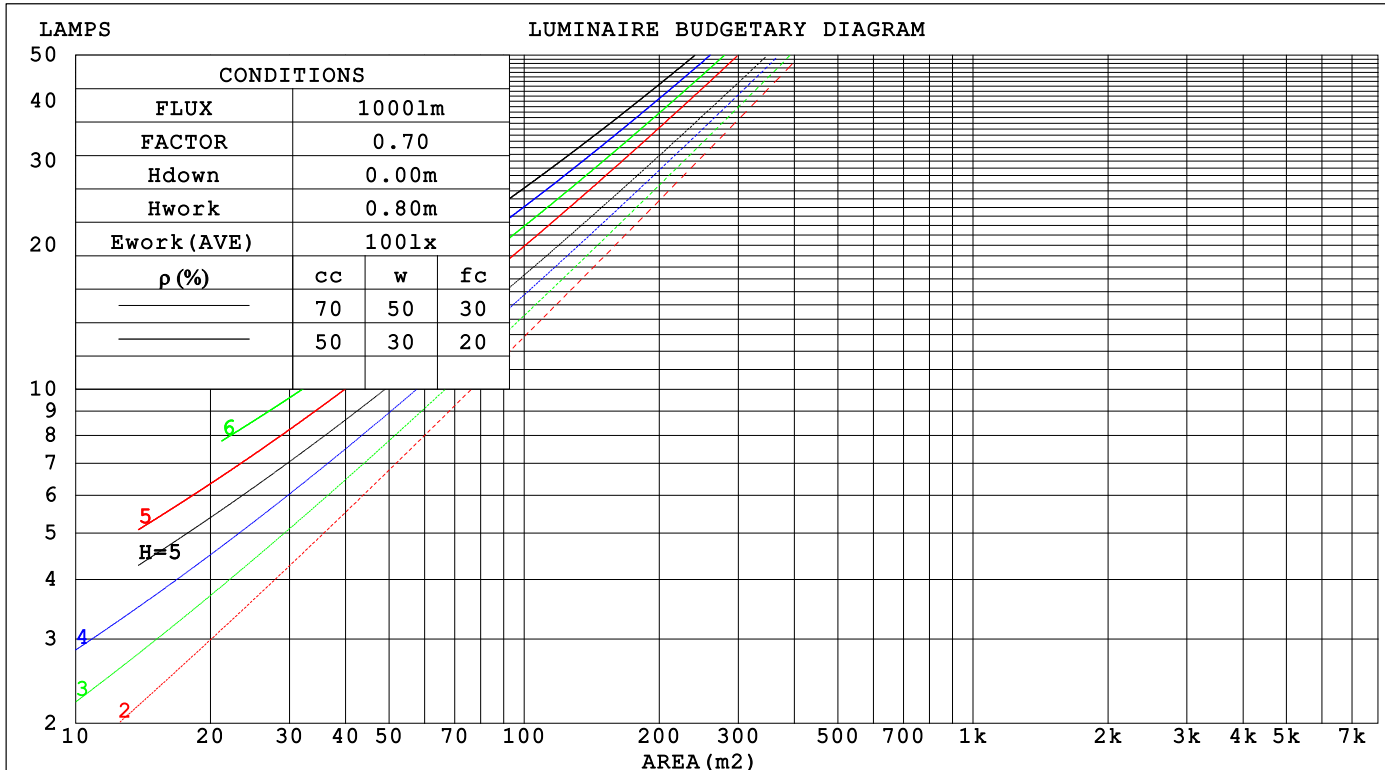
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: QC  
Test Date: 2023-05-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity: 65.0%  
Test Distance: 10.160m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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	.202	.115	.036	.194	.111	.035	.180	.103	.033	.167	.096	.031	.155	.090	.029		
2.0	.196	.108	.033	.190	.105	.032	.178	.099	.031	.167	.093	.029	.156	.088	.028		
3.0	.189	.101	.030	.183	.098	.030	.173	.094	.028	.163	.089	.027	.154	.085	.026		
4.0	.181	.094	.028	.176	.092	.027	.166	.088	.026	.158	.085	.026	.150	.081	.025		
5.0	.173	.088	.025	.168	.086	.025	.160	.083	.025	.152	.080	.024	.145	.078	.023		
6.0	.165	.083	.024	.161	.081	.023	.154	.079	.023	.147	.076	.022	.140	.074	.022		
7.0	.157	.078	.022	.154	.077	.022	.147	.074	.021	.141	.072	.021	.135	.070	.021		
8.0	.150	.074	.021	.147	.073	.020	.141	.071	.020	.136	.069	.020	.130	.067	.019		
9.0	.144	.070	.019	.141	.069	.019	.135	.067	.019	.130	.065	.019	.125	.064	.018		
10.0	.138	.066	.018	.135	.065	.018	.130	.064	.018	.125	.062	.018	.121	.061	.017		

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.162	.164	.151	.139	.112	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.151	.129	.153	.130	.111	.105	.090	.078	.060	.052	.045	.019	.017	.015	
3.0	.168	.133	.105	.144	.115	.091	.099	.080	.064	.057	.047	.038	.018	.015	.012	
4.0	.159	.119	.088	.137	.103	.076	.094	.071	.054	.054	.042	.032	.017	.014	.010	
5.0	.152	.108	.075	.130	.093	.065	.090	.065	.046	.052	.038	.027	.017	.012	.009	
6.0	.145	.099	.065	.125	.086	.057	.086	.060	.040	.050	.035	.024	.016	.012	.008	
7.0	.139	.092	.058	.120	.079	.051	.083	.056	.036	.048	.033	.021	.016	.011	.007	
8.0	.134	.086	.053	.115	.074	.046	.080	.052	.033	.046	.031	.019	.015	.010	.006	
9.0	.129	.081	.048	.111	.070	.042	.077	.049	.030	.045	.029	.018	.015	.010	.006	
10.0	.124	.077	.045	.107	.066	.039	.074	.047	.028	.043	.028	.017	.014	.009	.005	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm										
NAME: H37U-150W-4000K-RA80-85D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
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	8.4	9.5	8.6	9.7	9.9	8.5	9.6	8.8	9.8	10.0
3H	8.2	9.2	8.5	9.4	9.7	8.3	9.3	8.6	9.5	9.8
4H	8.1	9.0	8.4	9.3	9.6	8.2	9.1	8.5	9.4	9.7
6H	8.0	8.9	8.3	9.2	9.5	8.1	9.0	8.4	9.3	9.6
8H	7.9	8.8	8.3	9.1	9.4	8.0	8.9	8.4	9.2	9.5
12H	7.9	8.7	8.3	9.0	9.3	8.0	8.8	8.4	9.1	9.5
4H 2H	8.1	9.0	8.4	9.3	9.6	8.2	9.1	8.5	9.4	9.7
3H	7.9	8.7	8.3	9.0	9.4	8.0	8.8	8.4	9.1	9.5
4H	7.8	8.5	8.2	8.9	9.2	7.9	8.6	8.3	9.0	9.3
6H	7.7	8.3	8.1	8.7	9.1	7.8	8.4	8.2	8.8	9.2
8H	7.6	8.2	8.1	8.6	9.1	7.8	8.3	8.2	8.7	9.2
12H	7.6	8.1	8.0	8.5	9.0	7.7	8.2	8.2	8.7	9.1
8H 4H	7.6	8.2	8.1	8.6	9.1	7.8	8.3	8.2	8.7	9.2
6H	7.5	8.0	8.0	8.5	8.9	7.7	8.1	8.1	8.6	9.0
8H	7.5	7.9	8.0	8.4	8.9	7.6	8.0	8.1	8.5	9.0
12H	7.4	7.8	7.9	8.3	8.8	7.5	7.9	8.1	8.4	8.9
12H 4H	7.6	8.1	8.0	8.5	9.0	7.7	8.2	8.2	8.7	9.1
6H	7.5	7.9	8.0	8.4	8.9	7.6	8.0	8.1	8.5	9.0
8H	7.4	7.8	7.9	8.3	8.8	7.5	7.9	8.1	8.4	8.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.5 / -15.1					+ 2.5 / -14.8				
1.5H	+ 4.1 / -13.6					+ 4.1 / -13.6				
2.0H	+ 7.5 / -10.7					+ 7.8 / -11.1				

CIE Pub.117, 23779 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.0)  
Area: 0.3629 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

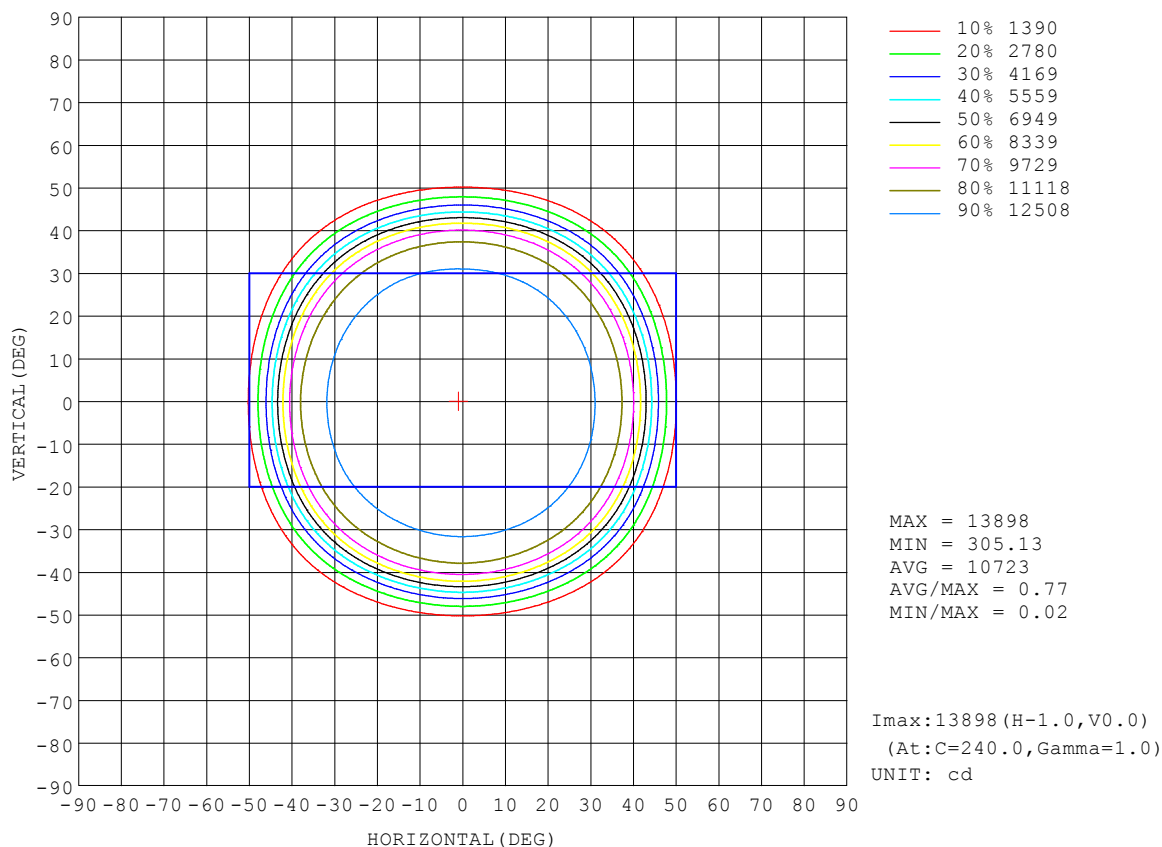
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	70	65	76	69	65	60
0.80	87	79	75	86	79	74	84	78	74	69
1.00	93	86	82	92	85	81	90	85	81	76
1.25	98	92	88	97	91	87	94	90	86	81
1.50	102	96	92	100	95	91	97	93	90	84
2.00	105	100	97	104	99	96	100	97	94	88
2.50	107	103	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	101	103	101	98	91
4.00	112	108	106	109	106	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	102	94
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: QC  
Test Date: 2023-05-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity: 65.0%  
Test Distance: 10.160m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



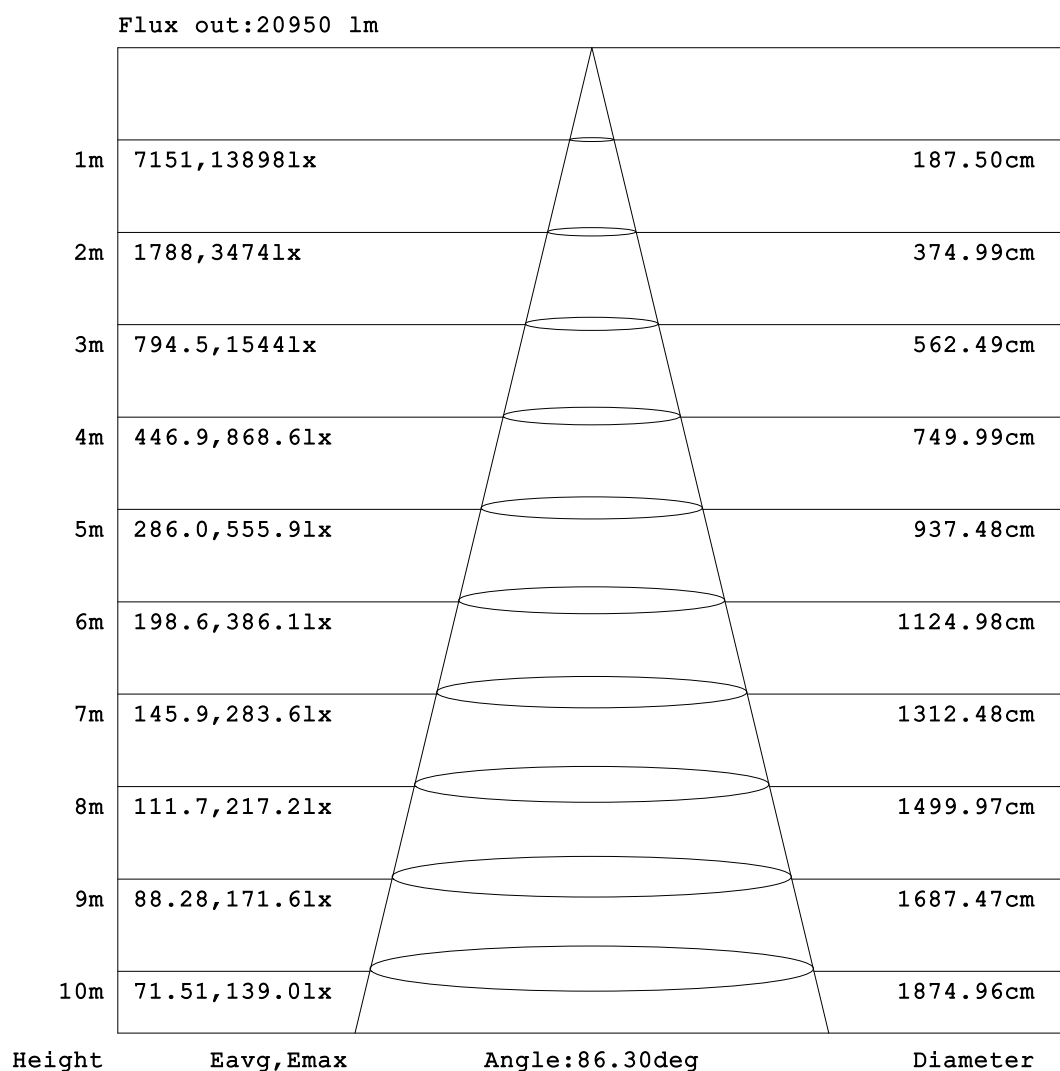
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



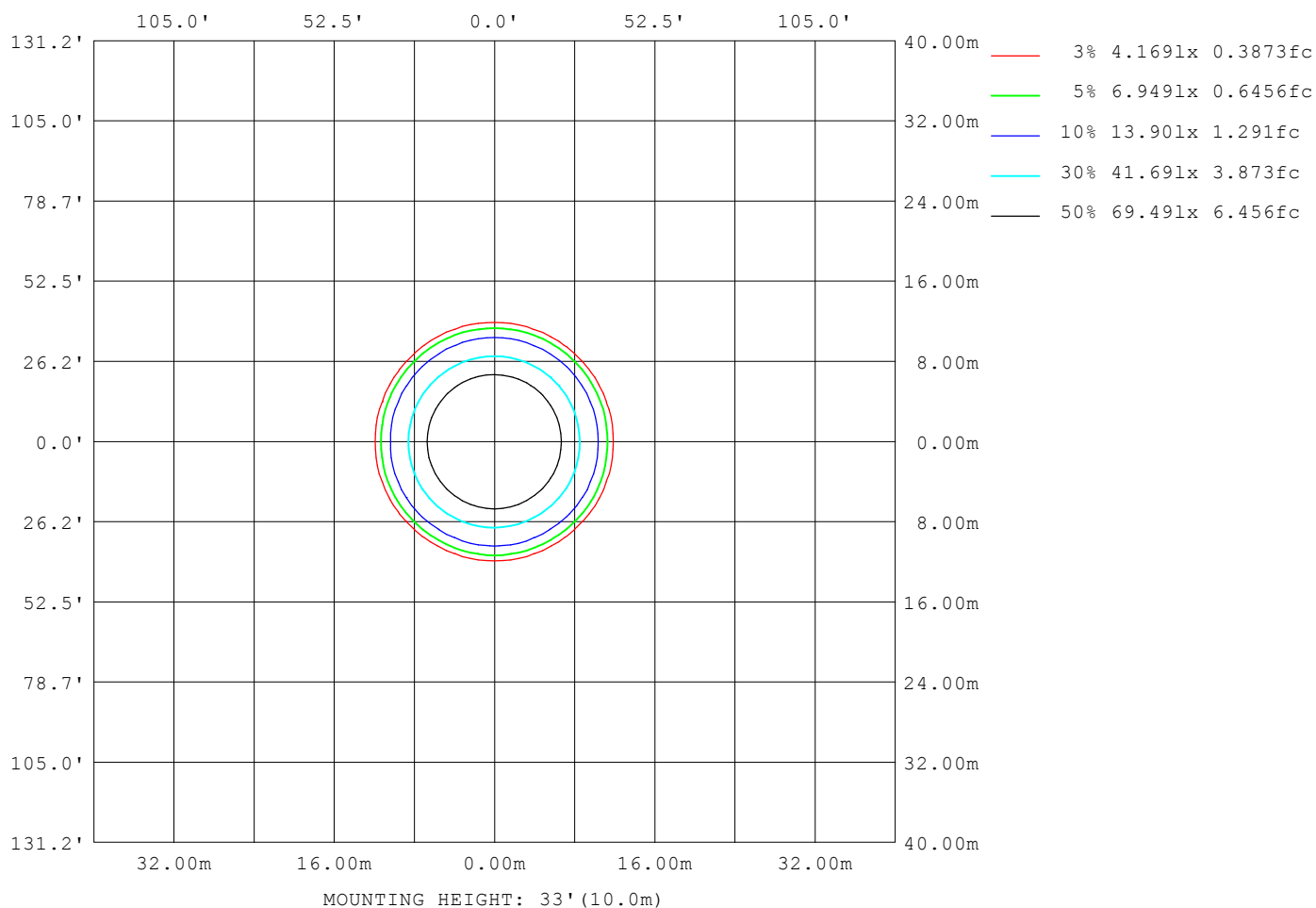
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

# ISOLUX DIAGRAM

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

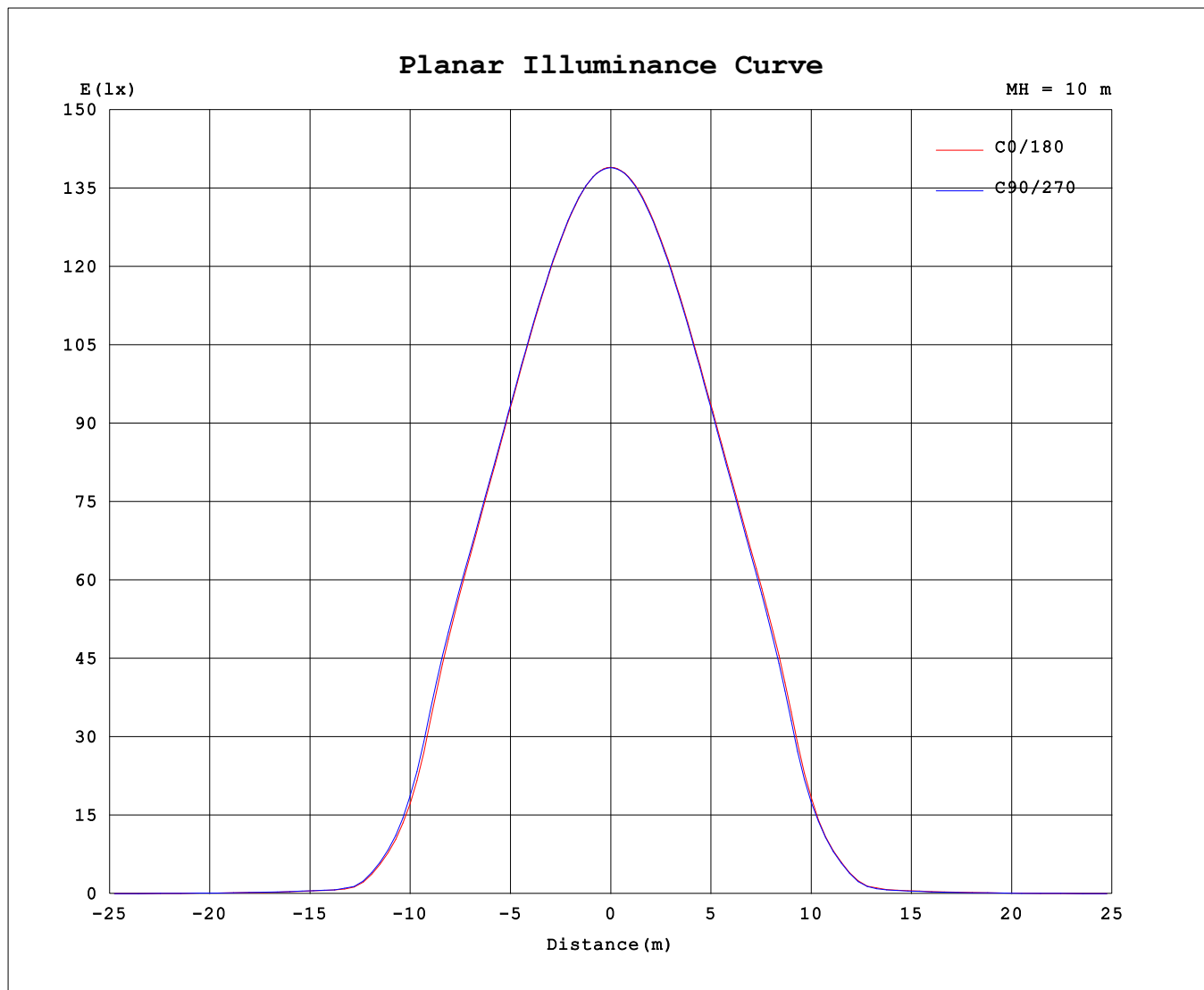
AvgL	cd/m2
L_0~180 (65) av	777
L_0~180 (75) av	124
L_0~180 (85) av	133
L_90~270 (65) av	783
L_90~270 (75) av	116
L_90~270 (85) av	131
L_45 (65) av	774
L_45 (75) av	120
L_45 (85) av	131

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:QC  
Test Date:2023-05-15

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:10.160m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: QC  
Test Date: 2023-05-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.458  
Humidity: 65.0%  
Test Distance: 10.160m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.11V I:0.6718A P:149.94W PF:0.9700 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:23778.9x1 lm		
NAME: H37U-150W-4000K-RA80-85D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1389	1389	1389	1389	1389	1389	1389	1389	1389	1389	1389	1389						
5	1387	1387	1387	1387	1388	1387	1387	1387	1387	1387	1387	1387						
10	1378	1379	1380	1381	1381	1380	1380	1380	1379	1378	1379	1378						
15	1365	1366	1367	1368	1368	1368	1368	1366	1366	1364	1365	1364						
20	1344	1346	1348	1349	1348	1349	1348	1347	1346	1343	1344	1343						
25	1313	1316	1318	1319	1318	1320	1319	1317	1317	1312	1312	1312						
30	1263	1269	1272	1272	1273	1275	1274	1272	1271	1263	1264	1263						
35	1179	1186	1189	1194	1193	1197	1197	1192	1190	1180	1181	1178						
40	976	986	991	1012	1011	1016	1014	995	983	980	975	969						
45	487	513	502	531	513	536	520	510	503	494	496	492						
50	140	150	145	154	147	157	152	151	151	147	145	144						
55	33.8	34.7	35.2	35.6	35.3	37.3	36.6	35.7	34.8	33.3	33.3	33.6						
60	21.6	23.0	23.0	24.1	23.7	25.0	24.1	23.2	21.9	21.1	20.8	21.3						
65	11.2	12.3	12.0	13.0	12.4	13.3	12.6	12.2	11.3	11.0	10.6	11.1						
70	3.37	3.99	3.72	4.37	3.74	4.33	3.82	3.81	3.24	3.21	2.91	3.31						
75	1.16	1.15	1.15	1.13	1.18	1.18	1.17	1.11	1.10	1.04	1.07	1.04						
80	0.70	0.69	0.70	0.70	0.72	0.70	0.64	0.60	0.61	0.58	0.60	0.58						
85	0.53	0.53	0.52	0.52	0.52	0.52	0.31	0.31	0.31	0.31	0.30	0.31						
90	0.93	0.91	0.90	0.89	0.90	0.89	0.33	0.32	0.33	0.33	0.33	0.33						
95	1.77	1.74	1.72	1.70	1.70	1.69	0.47	0.46	0.47	0.47	0.48	0.47						
100	2.94	2.89	2.88	2.84	2.85	2.83	0.73	0.74	0.74	0.75	0.76	0.76						
105	4.37	4.32	4.30	4.25	4.26	4.24	1.27	1.28	1.28	1.30	1.30	1.30						
110	6.01	5.95	5.93	5.87	5.88	5.85	2.18	2.21	2.22	2.25	2.25	2.25						
115	7.81	7.75	7.72	7.66	7.67	7.64	3.50	3.52	3.55	3.58	3.59	3.59						
120	9.76	9.69	9.66	9.60	9.60	9.57	5.12	5.16	5.18	5.23	5.23	5.24						
125	11.8	11.7	11.7	11.7	11.7	11.6	7.00	7.06	7.08	7.14	7.14	7.16						
130	13.9	13.9	13.8	13.8	13.8	13.7	9.04	9.11	9.13	9.20	9.20	9.22						
135	16.0	15.9	15.9	15.8	15.9	15.8	11.1	11.1	11.2	11.2	11.2	11.3						
140	18.0	17.9	17.9	17.8	17.9	17.8	13.0	13.1	13.1	13.2	13.2	13.2						
145	19.7	19.7	19.6	19.6	19.6	19.5	14.7	14.8	14.8	14.9	14.9	14.9						
150	21.3	21.2	21.2	21.1	21.1	21.1	16.3	16.3	16.3	16.4	16.4	16.4						
155	23.0	22.9	22.9	22.9	22.9	22.8	18.1	18.1	18.1	18.2	18.2	18.2						
160	25.1	25.0	25.0	24.9	24.9	24.9	20.2	20.3	20.3	20.4	20.4	20.4						
165	27.0	27.0	27.0	26.9	26.9	26.9	22.6	22.7	22.7	22.7	22.7	22.7						
170	28.5	28.4	28.5	28.4	28.4	28.4	24.9	25.0	25.0	25.1	25.1	25.1						
175	29.1	29.1	29.1	29.1	29.1	29.1	27.0	27.1	27.1	27.2	27.2	27.2						
180	28.6	28.6	28.6	28.7	28.7	28.7	28.6	28.6	28.7	28.7	28.7	28.7						

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Temperature:25.3℃  
Operators:QC  
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