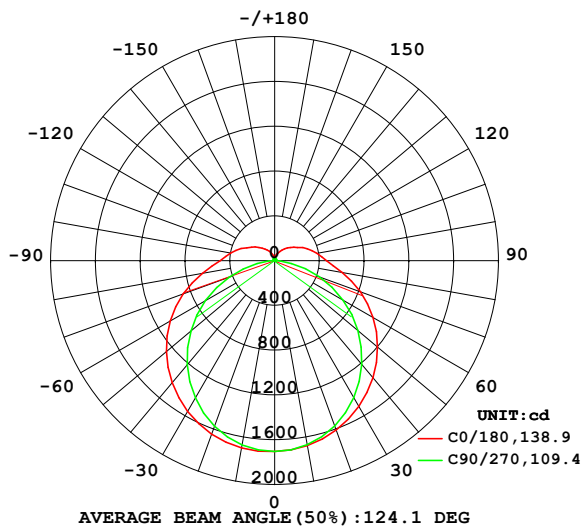


## LUMINAIRE PHOTOMETRIC TEST REPORT

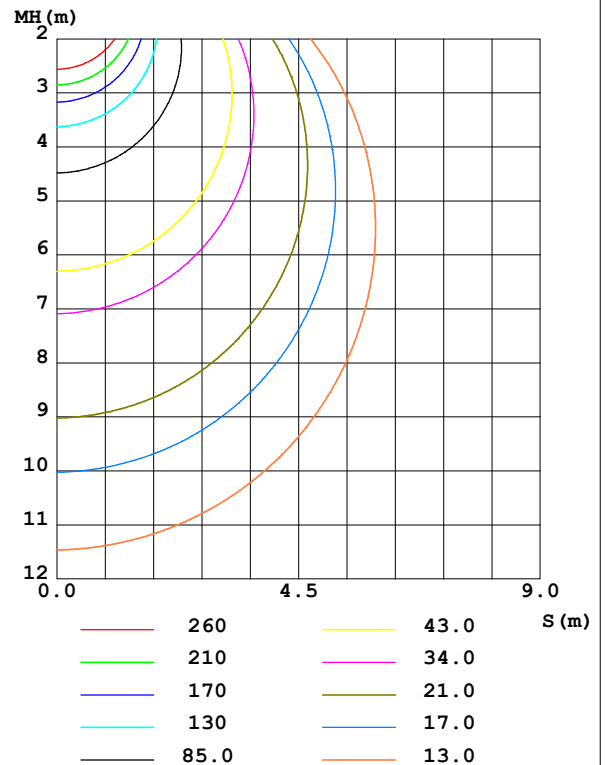
Test:U:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.62 lm/W			
MODEL		I <sub>max</sub> (cd)	1707	S/MH(C0/180)	1.36
NOMINAL POWER(W)	54.5	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6692.6	η UP,DN(C0-180)	6.8,43.1
NOMINAL FLUX(lm)	6692.58	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	6.7,43.4
LAMPS INSIDE	1	η up (%)	13.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down (%)	86.5	CIBSE SHR MAX	1.50

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:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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	1677	1671	1671	1689	1699	1688	1672	1672	0- 10	161.6	161.6	2.41,2.41
20	1610	1585	1571	1621	1648	1617	1572	1589	10- 20	465.2	626.8	9.37,9.37
30	1503	1454	1413	1504	1555	1497	1416	1462	20- 30	712.2	1339	20,20
40	1365	1285	1210	1345	1424	1335	1214	1297	30- 40	874.9	2214	33.1,33.1
50	1201	1089	971.5	1156	1263	1142	976.7	1106	40- 50	938.5	3152	47.1,47.1
60	1016	874.1	705.9	943.4	1077	926.1	713.8	894.8	50- 60	901.1	4053	60.6,60.6
70	815.1	650.2	423.7	718.6	870.1	698.4	430.5	674.6	60- 70	773.0	4826	72.1,72.1
80	612.9	435.8	153.1	497.1	658.2	473.2	161.2	459.5	70- 80	579.8	5406	80.8,80.8
90	463.5	294.0	7.140	333.0	488.4	309.7	7.855	312.7	80- 90	382.9	5789	86.5,86.5
100	383.7	228.9	8.939	259.0	398.7	238.7	8.933	247.6	90-100	274.4	6064	90.6,90.6
110	311.8	175.0	12.13	196.1	320.1	177.0	12.12	187.5	100-110	211.2	6275	93.8,93.8
120	235.6	135.9	15.33	150.1	240.8	136.0	15.15	147.2	110-120	152.8	6427	96,96
130	186.4	107.2	18.42	117.1	186.4	107.0	18.20	116.4	120-130	108.8	6536	97.7,97.7
140	139.1	75.90	21.25	89.96	137.2	82.57	21.12	83.06	130-140	73.33	6610	98.8,98.8
150	98.64	53.72	23.68	66.42	96.41	61.92	23.71	57.58	140-150	44.85	6654	99.4,99.4
160	66.16	40.63	25.80	46.86	62.64	42.88	25.88	43.08	150-160	24.42	6679	99.8,99.8
170	39.33	33.21	27.35	33.07	36.85	32.20	27.52	33.74	160-170	10.86	6690	100,100
180	27.93	27.97	28.02	27.96	28.02	27.95	28.08	27.95	170-180	2.903	6693	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2681.6 lm

%lum = 40.1%

%lamp = 40.1%

Conical surface Flux(120deg): 4053.4 lm

%lum = 60.6%

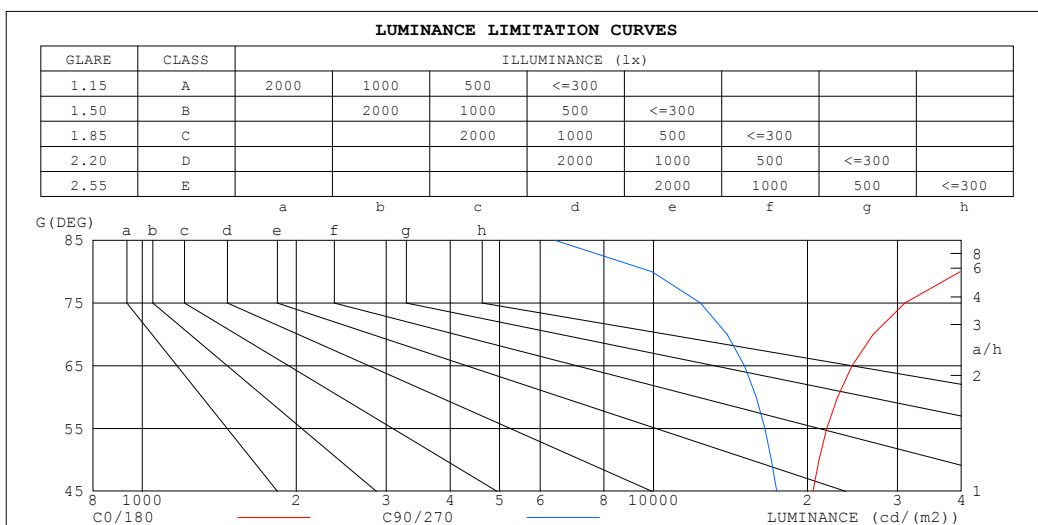
%lamp = 60.6%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-11-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	67902	6414
80	39795	9921
75	31029	12362
70	26867	13938
65	24460	15068
60	22903	15886
55	21821	16511
50	21057	17005
45	20501	17422

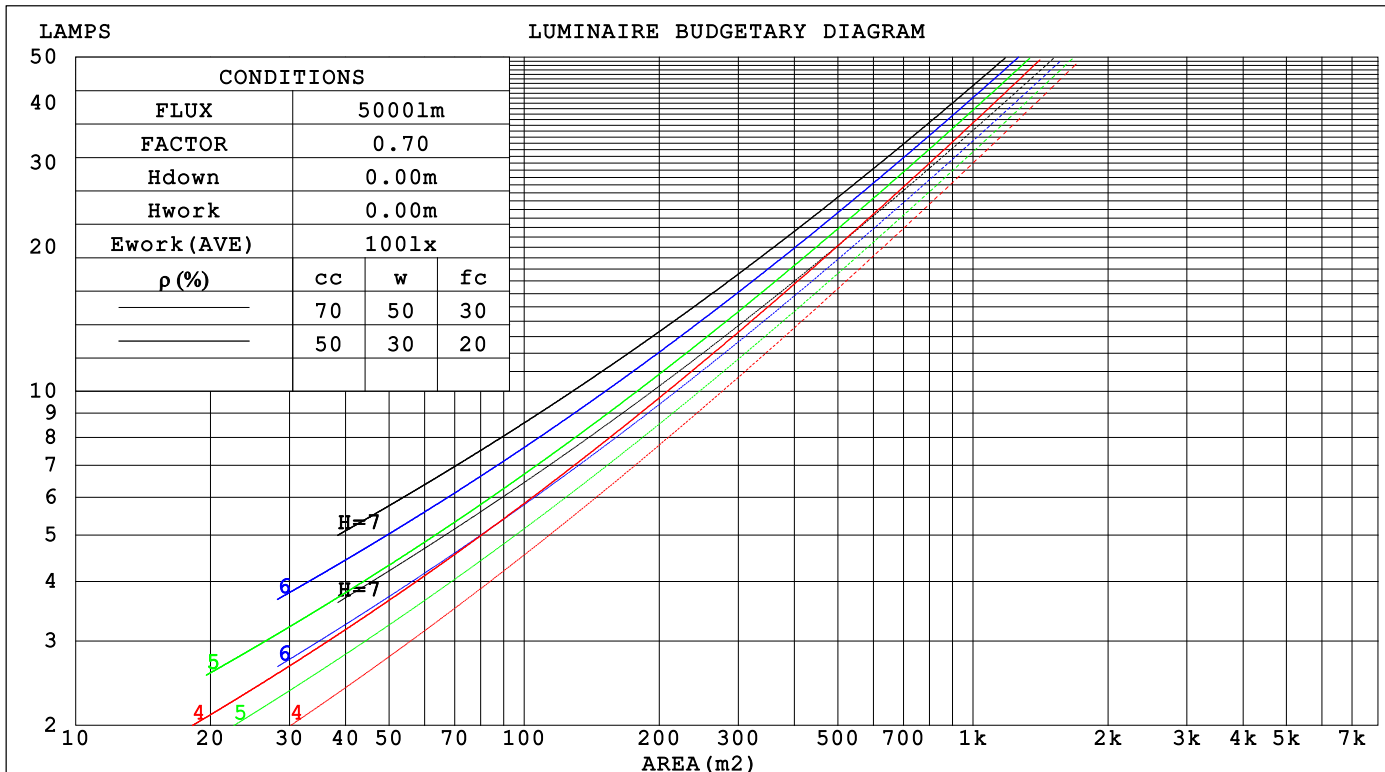
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	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			Coefficients of Utilization(CU)												
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86
1.0	.98	.93	.88	.94	.90	.86	.88	.84	.80	.81	.78	.76	.76	.73	.71	.68
2.0	.84	.77	.70	.81	.74	.68	.75	.70	.65	.70	.65	.61	.65	.61	.58	.55
3.0	.73	.65	.58	.71	.63	.56	.66	.59	.53	.61	.56	.51	.57	.52	.48	.45
4.0	.65	.55	.48	.62	.54	.47	.58	.51	.45	.54	.48	.43	.50	.45	.41	.38
5.0	.57	.48	.41	.55	.47	.40	.52	.44	.39	.48	.42	.37	.45	.40	.35	.33
6.0	.51	.42	.36	.50	.41	.35	.47	.39	.34	.44	.37	.32	.41	.35	.31	.28
7.0	.46	.38	.31	.45	.37	.31	.42	.35	.29	.40	.33	.28	.37	.32	.27	.25
8.0	.42	.34	.28	.41	.33	.27	.39	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.39	.30	.25	.38	.30	.24	.35	.28	.23	.33	.27	.23	.31	.26	.22	.20
10.0	.36	.28	.22	.35	.27	.22	.33	.26	.21	.31	.25	.21	.29	.24	.20	.18



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	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	.361	.206	.065	.350	.200	.063	.329	.189	.060	.310	.179	.057	.292	.169	.054		
2.0	.320	.175	.054	.310	.171	.053	.291	.162	.050	.273	.153	.048	.257	.145	.046		
3.0	.288	.153	.046	.278	.149	.045	.261	.142	.043	.245	.134	.041	.231	.128	.040		
4.0	.261	.136	.040	.253	.132	.039	.237	.126	.038	.223	.120	.036	.209	.114	.035		
5.0	.238	.121	.035	.231	.118	.035	.217	.113	.033	.204	.107	.032	.191	.102	.031		
6.0	.219	.110	.031	.212	.107	.031	.200	.102	.030	.188	.098	.029	.176	.093	.028		
7.0	.203	.100	.028	.196	.098	.028	.185	.093	.027	.174	.089	.026	.164	.085	.025		
8.0	.188	.092	.026	.183	.090	.025	.172	.086	.025	.162	.082	.024	.153	.078	.023		
9.0	.176	.085	.024	.171	.083	.023	.161	.080	.023	.152	.076	.022	.143	.073	.021		
10.0	.165	.079	.022	.160	.077	.022	.151	.074	.021	.143	.071	.020	.135	.068	.019		

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	.293	.293	.293	.251	.251	.251	.171	.171	.171	.098	.098	.098	.031	.031	.031		
1.0	.288	.259	.234	.246	.223	.201	.168	.153	.139	.097	.089	.081	.031	.029	.026		
2.0	.280	.236	.199	.240	.203	.172	.165	.141	.120	.095	.082	.070	.030	.026	.023		
3.0	.273	.219	.177	.234	.189	.153	.161	.131	.108	.093	.077	.063	.030	.025	.021		
4.0	.265	.207	.162	.228	.179	.141	.156	.124	.099	.091	.073	.059	.029	.024	.019		
5.0	.258	.197	.152	.221	.170	.132	.152	.119	.093	.088	.070	.055	.028	.023	.018		
6.0	.250	.189	.144	.215	.163	.126	.148	.114	.089	.086	.067	.053	.028	.022	.017		
7.0	.243	.182	.139	.209	.158	.121	.145	.111	.086	.084	.065	.051	.027	.021	.017		
8.0	.237	.176	.135	.204	.153	.118	.141	.107	.083	.082	.063	.050	.027	.021	.016		
9.0	.230	.172	.132	.198	.149	.115	.138	.105	.082	.080	.062	.049	.026	.020	.016		
10.0	.225	.167	.129	.194	.145	.113	.134	.102	.080	.078	.060	.048	.025	.020	.016		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm										
NAME: B15-W3457KA (60W 5700K)					TYPE:			WEIGHT:		
SPEC.:					DIM.: 0.08886			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	23.0	24.4	23.4	24.8	25.3	21.5	22.9	21.9	23.3	23.8
3H	25.3	26.6	25.7	27.0	27.5	22.9	24.2	23.4	24.6	25.2
4H	26.5	27.7	27.0	28.2	28.7	23.4	24.6	23.9	25.1	25.7
6H	27.7	28.9	28.3	29.4	30.0	23.7	24.9	24.2	25.4	25.9
8H	28.4	29.5	29.0	30.1	30.6	23.7	24.8	24.3	25.4	25.9
12H	29.2	30.3	29.8	30.8	31.4	23.7	24.8	24.3	25.3	25.9
4H 2H	23.5	24.7	24.0	25.2	25.7	22.4	23.6	22.9	24.1	24.6
3H	26.0	27.1	26.6	27.6	28.2	24.0	25.1	24.6	25.6	26.2
4H	27.4	28.4	28.0	28.9	29.6	24.7	25.7	25.2	26.2	26.8
6H	28.9	29.8	29.5	30.4	31.0	25.1	26.0	25.7	26.6	27.2
8H	29.7	30.5	30.3	31.1	31.8	25.2	26.0	25.8	26.6	27.3
12H	30.6	31.4	31.3	32.0	32.7	25.3	26.0	25.9	26.6	27.3
8H 4H	27.7	28.5	28.3	29.1	29.8	25.4	26.2	26.0	26.8	27.5
6H	29.4	30.1	30.1	30.8	31.5	26.1	26.8	26.8	27.5	28.2
8H	30.4	31.1	31.1	31.7	32.4	26.4	27.0	27.0	27.6	28.4
12H	31.6	32.2	32.3	32.8	33.6	26.6	27.1	27.2	27.8	28.5
12H 4H	27.7	28.4	28.3	29.1	29.7	25.6	26.4	26.2	27.0	27.7
6H	29.5	30.1	30.2	30.8	31.5	26.5	27.1	27.2	27.8	28.5
8H	30.6	31.1	31.3	31.8	32.6	26.9	27.4	27.6	28.1	28.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 6693 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 6.6$ )  
Area: 0.08886 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-11-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

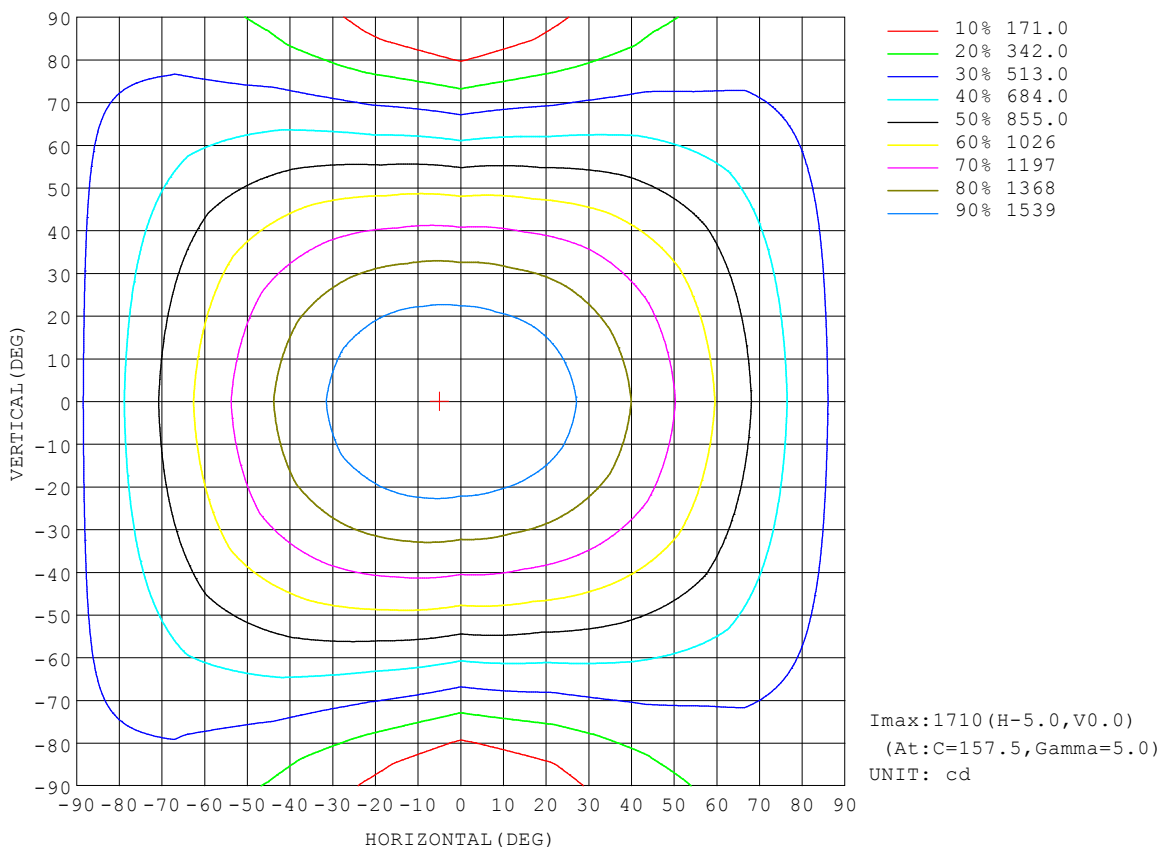
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	31	49	38	31	48	37	31	24
0.80	60	47	39	58	47	39	56	45	38	31
1.00	68	55	47	66	54	47	63	55	46	37
1.25	75	63	55	73	62	54	69	59	52	43
1.50	80	68	60	77	67	59	73	64	57	48
2.00	87	77	69	84	75	68	79	71	65	54
2.50	91	82	74	88	80	73	83	76	70	58
3.00	95	86	79	92	84	78	86	79	74	62
4.00	99	92	86	96	89	84	90	84	80	67
5.00	102	96	91	99	93	88	92	87	83	70
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:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



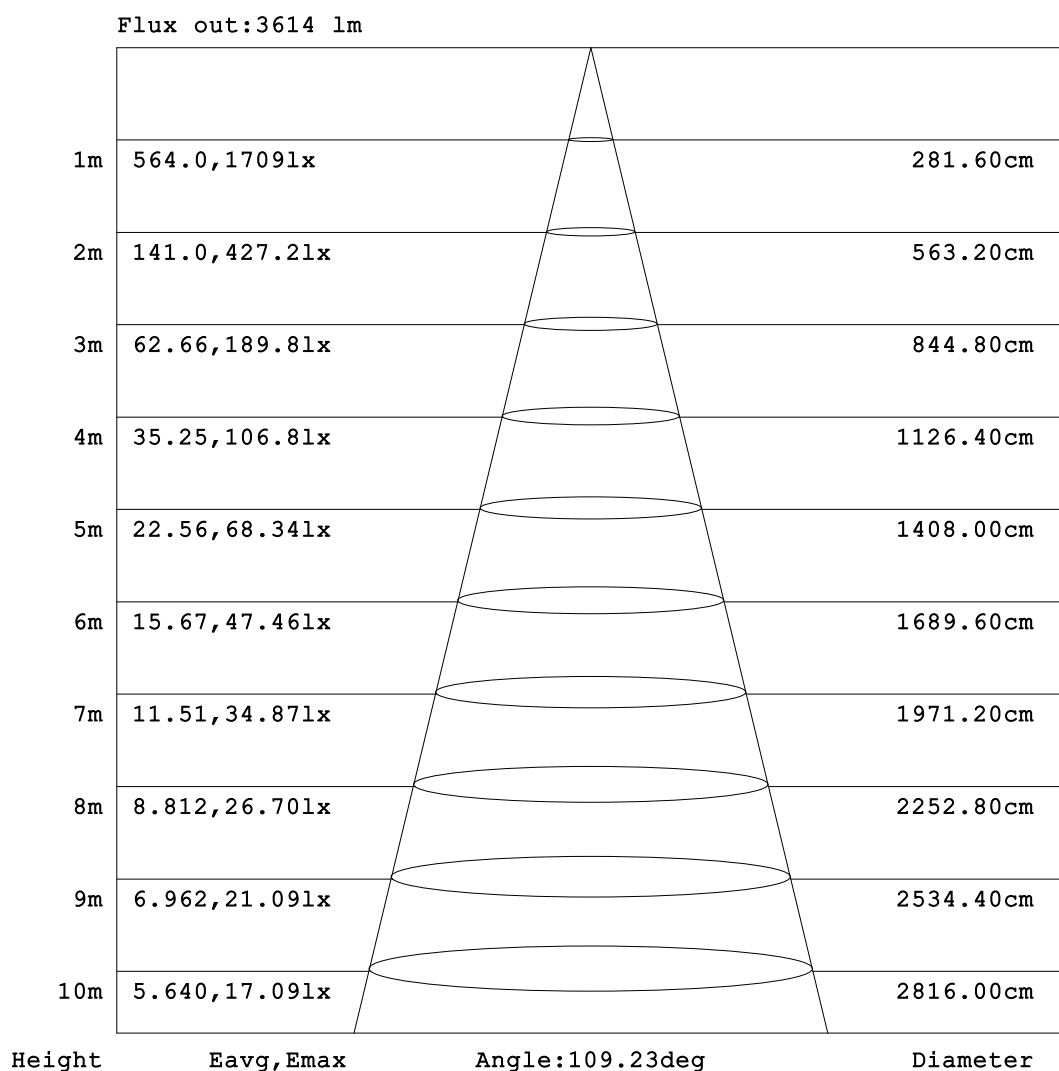
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



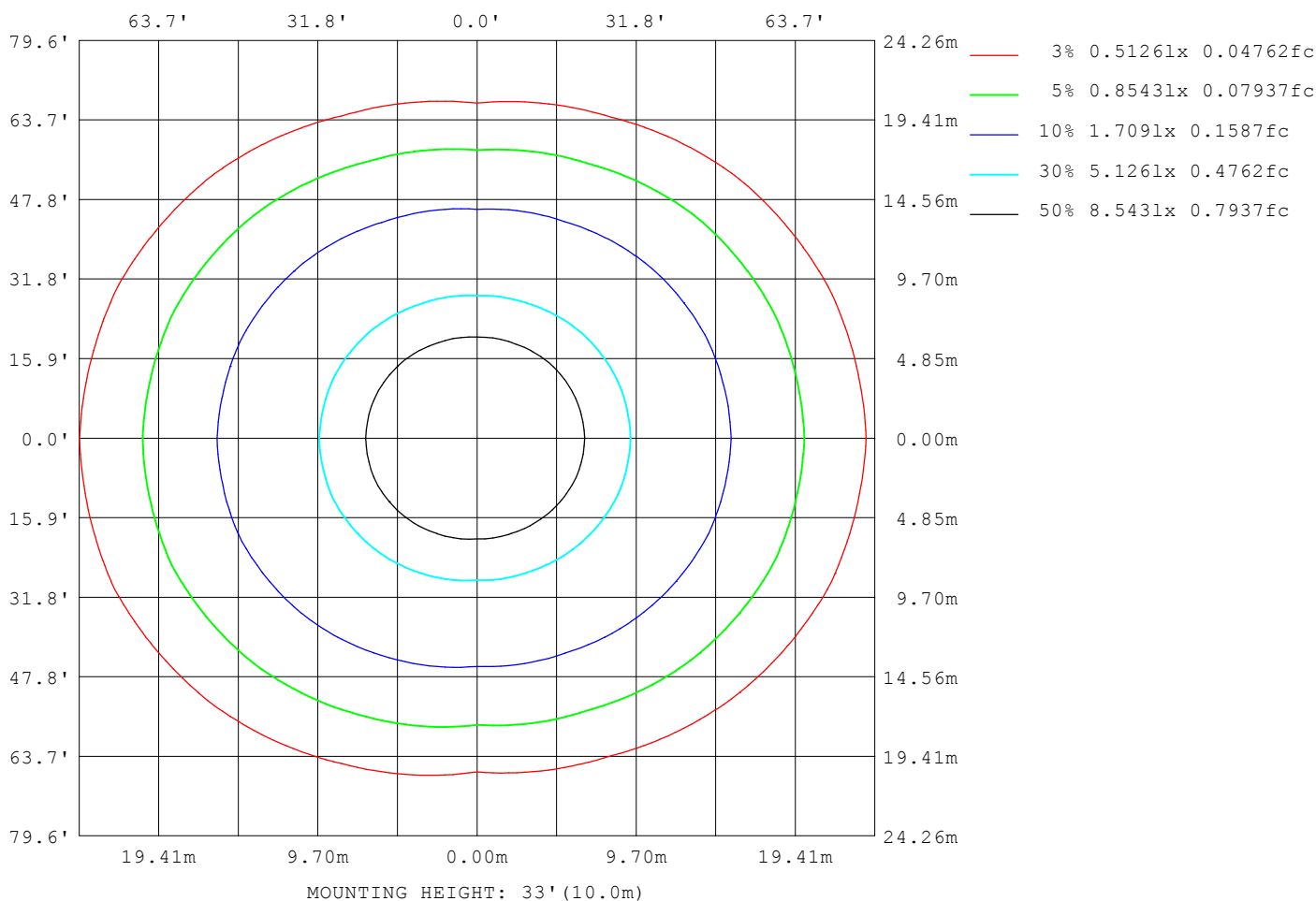
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	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:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm		
NAME: B15-W3457KA (60W 5700K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.08886	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

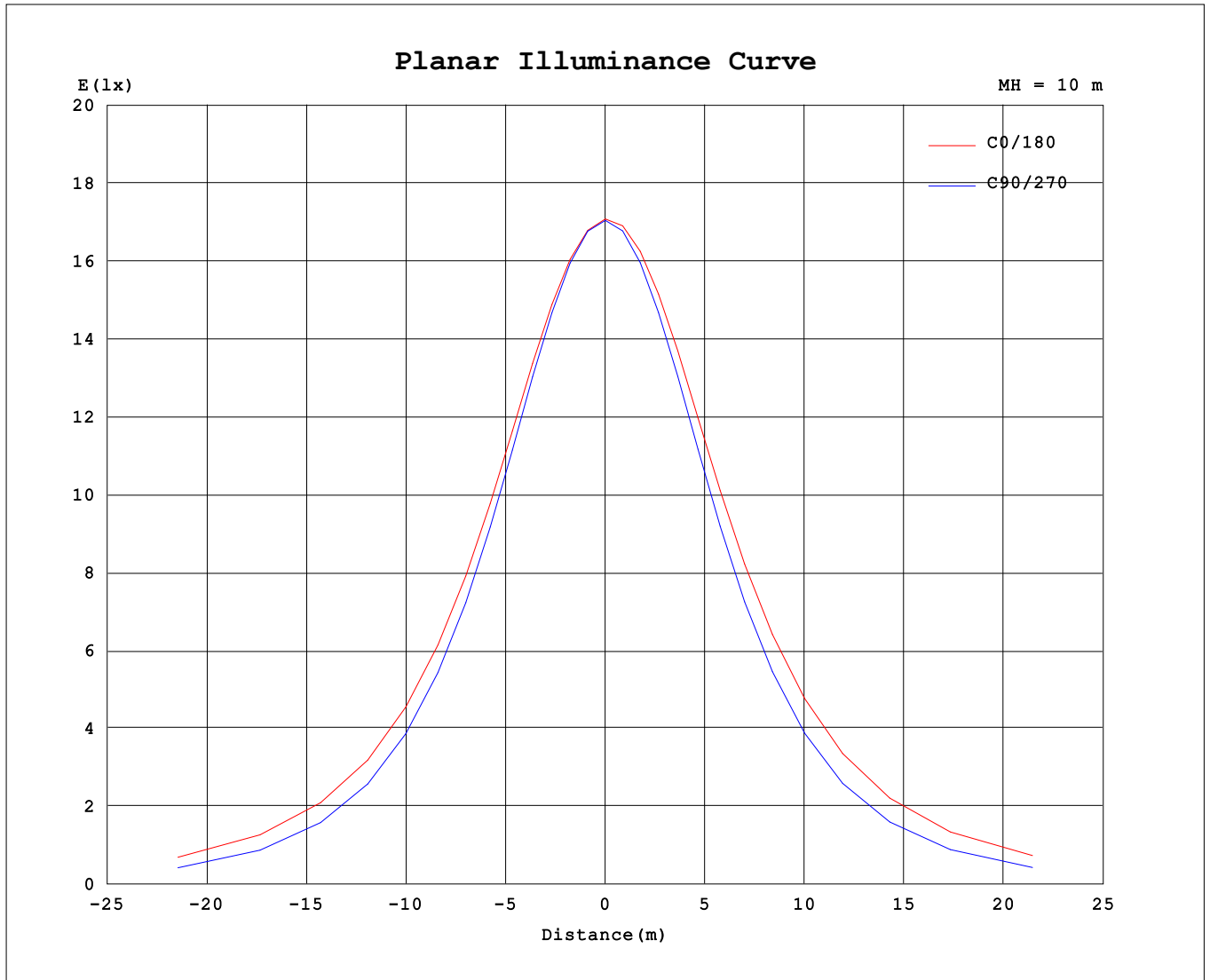
AvgL	cd/m2
L_0~180 (65) av	25198
L_0~180 (75) av	32074
L_0~180 (85) av	70300
L_90~270 (65) av	15159
L_90~270 (75) av	12521
L_90~270 (85) av	6820
L_45 (65) av	21254
L_45 (75) av	24932
L_45 (85) av	48302

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2024-11-09

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 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: 2024-11-09

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 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:230.37V I:0.2425A P:54.581W PF:0.9770 Freq:50.00Hz Lamp Flux:6692.58x1 lm																	
NAME: B15-W3457KA (60W 5700K)									TYPE:			WEIGHT:					
SPEC.:									DIM.: 0.08886			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	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705			
5	1696	1696	1695	1695	1697	1701	1704	1707	1707	1706	1704	1700	1697	1695	1695	1695			
10	1677	1676	1671	1669	1671	1680	1689	1697	1699	1696	1688	1679	1672	1669	1672	1675			
15	1649	1645	1634	1627	1629	1644	1662	1677	1679	1674	1660	1641	1630	1628	1637	1644			
20	1610	1603	1585	1572	1571	1594	1621	1644	1648	1639	1617	1589	1572	1573	1589	1602			
25	1561	1551	1525	1503	1499	1530	1568	1601	1606	1594	1563	1524	1501	1505	1531	1551			
30	1503	1490	1454	1422	1413	1454	1504	1546	1555	1538	1497	1445	1416	1426	1462	1490			
35	1438	1420	1374	1330	1317	1366	1429	1483	1494	1472	1421	1356	1321	1337	1383	1420			
40	1365	1342	1285	1230	1210	1269	1345	1410	1424	1398	1335	1257	1214	1238	1297	1344			
45	1286	1259	1190	1121	1095	1164	1254	1330	1348	1316	1242	1150	1100	1131	1204	1261			
50	1201	1169	1089	1006	971	1051	1156	1242	1263	1227	1142	1036	977	1018	1106	1172			
55	1110	1074	983	885	842	933	1052	1149	1173	1133	1036	915	848	900	1002	1078			
60	1016	976	874	761	706	810	943	1050	1077	1032	926	791	714	779	895	980			
65	917	873	763	634	566	685	832	946	976	928	813	663	573	655	785	878			
70	815	769	650	504	424	558	719	839	870	820	698	535	430	531	675	775			
75	712	664	540	381	284	433	605	731	763	711	584	409	292	410	565	671			
80	613	564	436	269	153	319	497	625	658	605	473	292	161	299	460	571			
85	525	474	347	177	49.7	221	401	526	564	509	377	194	56.0	206	371	483			
90	464	414	294	124	7.14	159	333	454	488	439	310	132	7.85	151	313	424			
95	422	376	258	101	7.51	130	294	408	441	395	271	105	7.41	125	278	385			
100	384	340	229	85.2	8.94	109	259	367	399	354	239	87.1	8.93	106	248	348			
105	347	306	203	74.1	10.5	93.6	229	329	358	317	210	74.2	10.3	91.9	220	314			
110	312	275	175	66.3	12.1	82.0	196	294	320	281	177	65.4	12.1	81.3	187	280			
115	277	235	149	60.4	13.7	73.0	166	246	276	236	151	58.0	13.6	72.4	162	240			
120	236	207	136	54.0	15.3	64.0	150	219	241	209	136	51.8	15.1	64.0	147	213			
125	211	186	122	49.9	16.9	58.5	133	195	215	186	121	48.4	16.7	58.2	131	189			
130	186	163	107	45.8	18.4	53.7	117	169	186	162	107	45.3	18.2	52.4	116	165			
135	162	142	93.4	41.1	19.9	49.8	103	147	161	140	94.7	42.8	19.7	47.2	101	144			
140	139	123	75.9	37.7	21.3	46.3	90.0	126	137	121	82.6	40.3	21.1	42.6	83.1	125			
145	118	105	63.2	34.3	22.5	42.8	77.3	107	116	103	71.5	35.6	22.5	38.8	67.7	106			
150	98.6	87.8	53.7	31.7	23.7	37.6	66.4	89.7	96.4	85.7	61.9	34.1	23.7	34.8	57.6	89.5			
155	81.3	70.2	45.8	31.6	24.7	35.2	56.6	74.0	78.4	70.7	53.1	32.4	24.8	34.2	49.1	73.5			
160	66.2	52.0	40.6	31.2	25.8	32.8	46.9	60.2	62.6	57.4	42.9	30.9	25.9	33.2	43.1	54.5			
165	52.7	40.8	36.4	30.4	26.7	30.7	38.8	45.1	47.9	43.4	37.1	29.7	26.8	31.7	37.5	41.0			
170	39.3	34.1	33.2	29.4	27.4	29.2	33.1	36.4	36.8	35.4	32.2	28.9	27.5	30.1	33.7	34.8			
175	31.6	30.5	29.9	28.2	27.8	28.4	29.4	30.2	30.3	29.8	29.1	28.3	27.9	28.4	29.9	30.5			
180	27.9	28.0	28.0	28.0	28.0	28.0	28.0	27.9	28.0	28.0	27.9	28.0	28.1	28.0	28.0	27.9			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2024-11-09

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks: