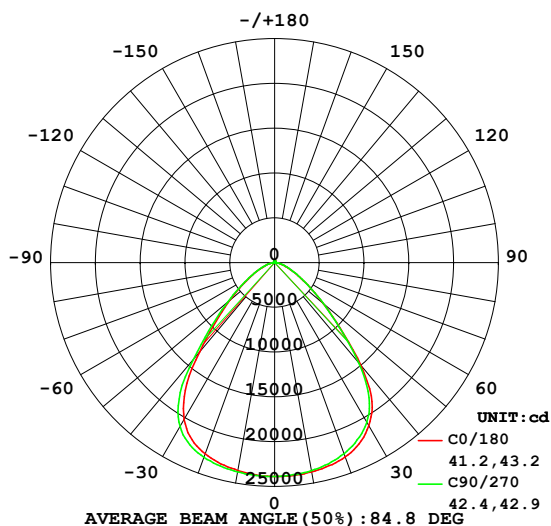


LUMINAIRE PHOTOMETRIC TEST REPORT

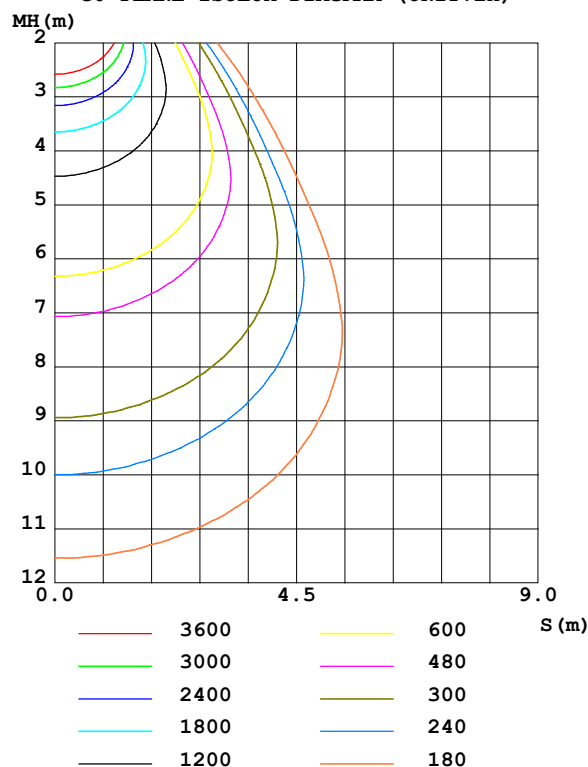
Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 156.62 lm/W
MODEL	HL-RHB-MW-MCCT-ML2-300W	Imax (cd)	23921	S/MH(C0/180)	1.18	
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	45973	η UP,DN(C0-180)	0.2,50.3	
NOMINAL FLUX(lm)	45972.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.4	
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down (%)	99.7	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0°C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

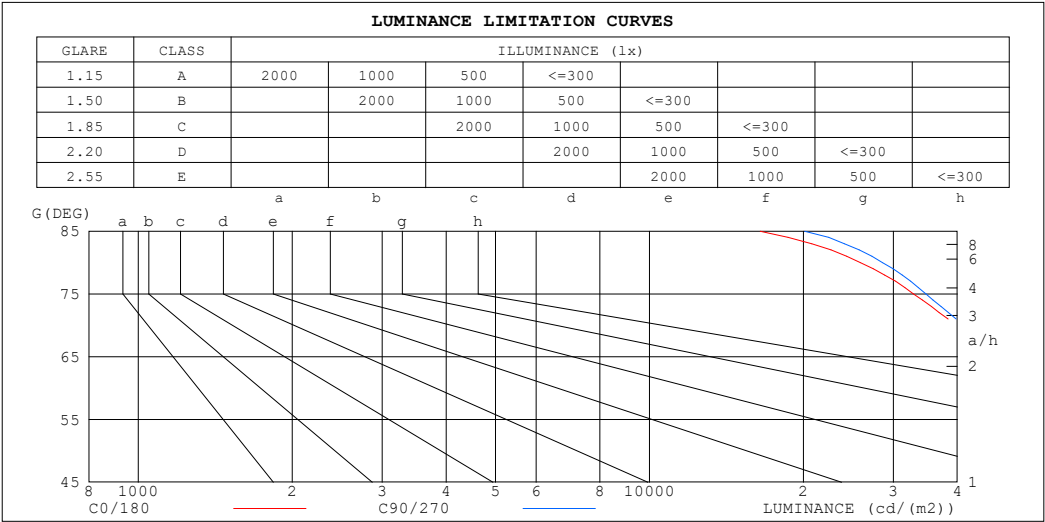
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2375	2371	2359	2354	2360	2369	2373	2371	0- 10	2269	2269	4.94,4.94
20	2307	2299	2270	2266	2271	2293	2313	2311	10- 20	6606	8875	19.3,19.3
30	2104	2107	2060	2027	2022	2089	2113	2108	20- 30	10171	19046	41.4,41.4
40	1504	1517	1466	1397	1303	1400	1414	1490	30- 40	11325	30371	66.1,66.1
50	712.5	753.7	709.0	732.4	649.3	650.6	683.6	723.4	40- 50	7912	38283	83.3,83.3
60	321.8	345.4	328.9	332.9	299.9	289.3	312.1	323.8	50- 60	4349	42632	92.7,92.7
70	136.5	146.9	142.2	140.8	127.7	120.1	132.9	135.4	60- 70	2136	44768	97.4,97.4
80	44.75	50.46	49.70	47.69	40.55	34.65	38.54	39.34	70- 80	893.9	45662	99.3,99.3
90	0.7180	1.135	1.049	1.072	0.6942	0.4632	0.5238	0.5439	80- 90	177.1	45839	99.7,99.7
100	0.2758	0.2669	0.2889	0.2978	0.1871	0.1893	0.1866	0.1859	90-100	3.162	45842	99.7,99.7
110	0.6272	0.6208	0.6781	0.6949	0.2826	0.2888	0.2806	0.2826	100-110	3.538	45845	99.7,99.7
120	1.358	1.435	1.492	1.565	0.4429	0.4578	0.4528	0.4494	110-120	6.834	45852	99.7,99.7
130	2.434	2.478	2.525	2.588	0.9761	0.9899	0.9767	0.9520	120-130	12.02	45864	99.8,99.8
140	3.535	3.551	3.634	3.672	1.830	1.878	1.820	1.789	130-140	17.00	45881	99.8,99.8
150	4.729	4.721	4.838	4.821	2.935	3.067	2.991	3.010	140-150	20.42	45902	99.8,99.8
160	6.151	6.022	6.078	6.096	6.384	6.971	6.964	6.944	150-160	22.40	45924	99.9,99.9
170	10.70	10.02	10.10	10.11	24.60	27.19	27.20	27.21	160-170	29.49	45954	100,100
180	18.48	17.05	17.04	17.06	19.00	17.43	17.41	17.45	170-180	19.44	45973	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28.0℃
 Operators:DAMIN
 Test Date:2025-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance:26.000m [K=0.4255]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16473	20116
80	25873	28583
75	32842	34749
70	40064	41528
65	50593	51973
60	64620	65688
55	84413	84609
50	111289	110157
45	147369	144159

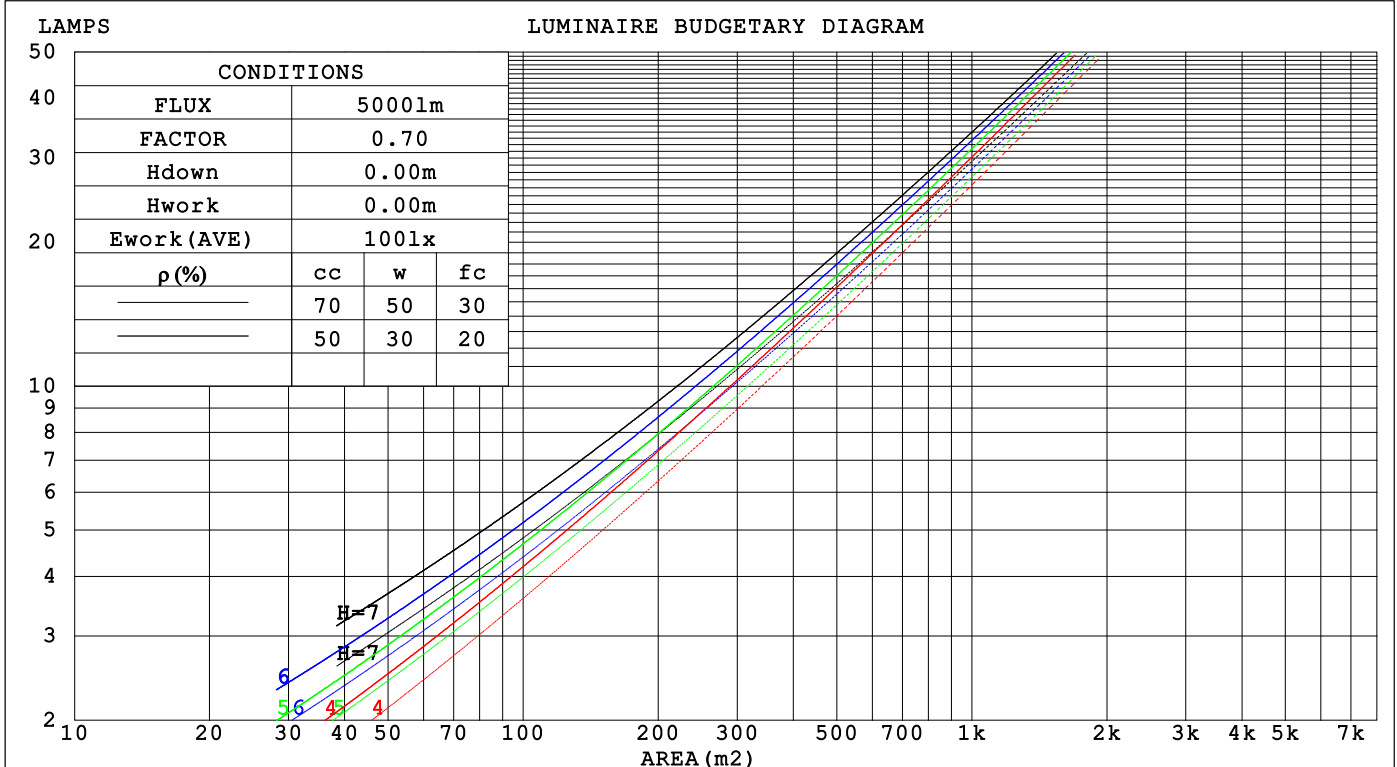
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0℃
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.08	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.97	.95	.94	.94	.92	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.79
3.0	.88	.81	.76	.86	.80	.75	.83	.78	.74	.81	.76	.73	.78	.74	.71	.69
4.0	.79	.72	.67	.78	.71	.66	.76	.70	.65	.74	.69	.64	.72	.67	.64	.62
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.67	.62	.58	.66	.61	.57	.55
6.0	.66	.58	.53	.65	.58	.53	.63	.57	.52	.62	.56	.52	.60	.55	.51	.50
7.0	.61	.53	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.56	.51	.47	.45
8.0	.56	.48	.43	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.46	.42	.41
9.0	.52	.44	.39	.51	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.39	.37
10.0	.48	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.36	.34



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0°C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

WEC AND CCEC

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	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	.235	.134	.042	.228	.130	.041	.215	.123	.039	.203	.117	.038	.192	.111	.036		
2.0	.228	.125	.038	.222	.122	.038	.211	.117	.036	.200	.112	.035	.191	.108	.034		
3.0	.217	.115	.035	.211	.113	.034	.202	.109	.033	.192	.105	.032	.184	.102	.032		
4.0	.205	.106	.031	.200	.105	.031	.191	.102	.030	.183	.098	.030	.176	.096	.029		
5.0	.193	.098	.029	.189	.097	.028	.181	.094	.028	.174	.092	.027	.168	.090	.027		
6.0	.182	.091	.026	.179	.090	.026	.172	.088	.026	.166	.086	.025	.160	.084	.025		
7.0	.172	.085	.024	.169	.084	.024	.163	.082	.024	.157	.081	.023	.152	.079	.023		
8.0	.163	.080	.022	.160	.079	.022	.155	.077	.022	.150	.076	.022	.145	.074	.022		
9.0	.155	.075	.021	.152	.074	.021	.147	.073	.021	.142	.071	.020	.138	.070	.020		
10.0	.147	.070	.020	.145	.070	.019	.140	.069	.019	.136	.067	.019	.132	.066	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.177	.159	.143	.152	.136	.123	.104	.094	.085	.060	.054	.049	.019	.017	.016	
2.0	.166	.134	.108	.142	.116	.093	.097	.080	.065	.056	.047	.038	.018	.015	.012	
3.0	.156	.116	.084	.134	.100	.073	.092	.070	.051	.053	.041	.030	.017	.013	.010	
4.0	.148	.102	.067	.127	.088	.058	.087	.062	.041	.051	.036	.024	.016	.012	.008	
5.0	.141	.091	.055	.121	.079	.048	.083	.055	.034	.048	.032	.020	.016	.011	.007	
6.0	.134	.083	.046	.115	.072	.040	.079	.050	.028	.046	.029	.017	.015	.010	.006	
7.0	.128	.076	.039	.110	.066	.034	.076	.046	.024	.044	.027	.014	.014	.009	.005	
8.0	.122	.070	.034	.105	.060	.030	.073	.042	.021	.042	.025	.012	.014	.008	.004	
9.0	.117	.065	.030	.100	.056	.026	.070	.040	.018	.041	.023	.011	.013	.008	.004	
10.0	.112	.061	.027	.096	.053	.023	.067	.037	.016	.039	.022	.010	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0℃
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm											
NAME:					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	14.3	15.6	14.5	15.7	15.9	14.4	15.7	14.6	15.9	16.0	
	3H	14.6	15.7	14.9	16.0	16.2	14.7	15.9	15.0	16.1	16.3
	4H	14.7	15.8	15.0	16.0	16.2	14.8	15.9	15.1	16.1	16.4
	6H	14.7	15.7	15.0	16.0	16.2	14.9	15.9	15.2	16.1	16.4
	8H	14.7	15.7	15.0	15.9	16.2	14.9	15.8	15.2	16.1	16.4
	12H	14.7	15.6	15.0	15.9	16.2	14.8	15.8	15.2	16.1	16.4
4H	2H	14.4	15.5	14.7	15.7	16.0	14.5	15.6	14.8	15.8	16.1
	3H	14.8	15.8	15.1	16.0	16.3	14.9	15.9	15.3	16.2	16.5
	4H	15.0	15.8	15.3	16.1	16.5	15.1	16.0	15.5	16.3	16.6
	6H	15.0	15.8	15.4	16.2	16.5	15.2	16.0	15.6	16.3	16.7
	8H	15.1	15.8	15.5	16.1	16.5	15.3	16.0	15.7	16.3	16.7
	12H	15.0	15.7	15.5	16.1	16.5	15.3	15.9	15.7	16.3	16.7
8H	4H	15.0	15.7	15.4	16.0	16.4	15.1	15.8	15.5	16.2	16.6
	6H	15.1	15.7	15.6	16.1	16.5	15.3	15.9	15.8	16.3	16.7
	8H	15.2	15.7	15.6	16.1	16.5	15.4	15.9	15.8	16.3	16.8
	12H	15.2	15.6	15.6	16.1	16.5	15.4	15.8	15.9	16.3	16.8
12H	4H	14.9	15.6	15.4	16.0	16.4	15.1	15.7	15.5	16.1	16.5
	6H	15.1	15.6	15.6	16.0	16.5	15.3	15.8	15.8	16.2	16.7
	8H	15.2	15.6	15.6	16.0	16.5	15.4	15.8	15.9	16.3	16.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.0 / - 1.4					+ 1.0 / - 1.3					
1.5H	+ 1.1 / - 1.0					+ 1.1 / - 0.8					
2.0H	+ 2.0 / - 1.6					+ 1.9 / - 1.5					

CIE Pub.117, 45973 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 13.3)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0℃
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

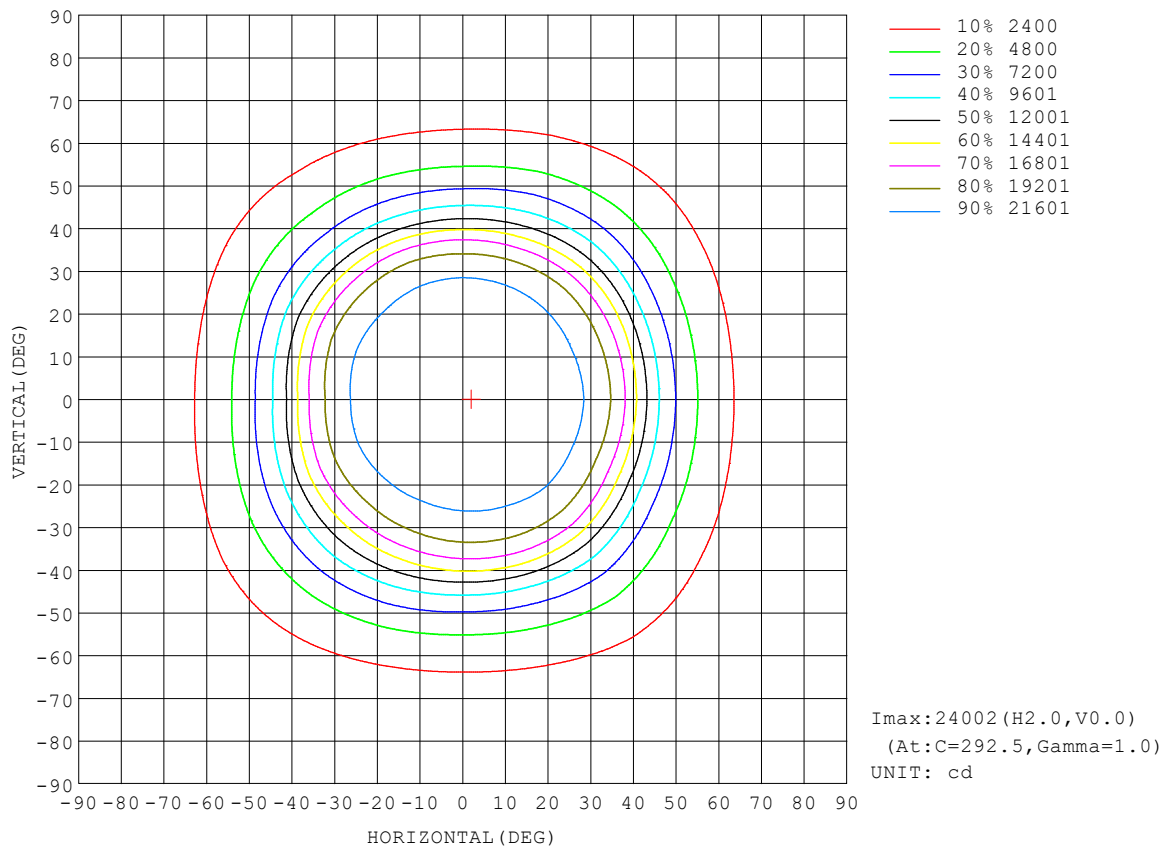
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	70	61	55	69	61	55	68	60	55	50
0.80	80	71	65	79	70	65	77	70	64	59
1.00	87	79	73	86	78	73	84	79	72	67
1.25	93	85	80	92	85	80	90	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	101	95	91	97	93	89	83
2.50	105	99	95	103	98	94	100	95	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
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: MEDIUM
Temperature: 28.0 °C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

ISOCANDELA DIAGRAM

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

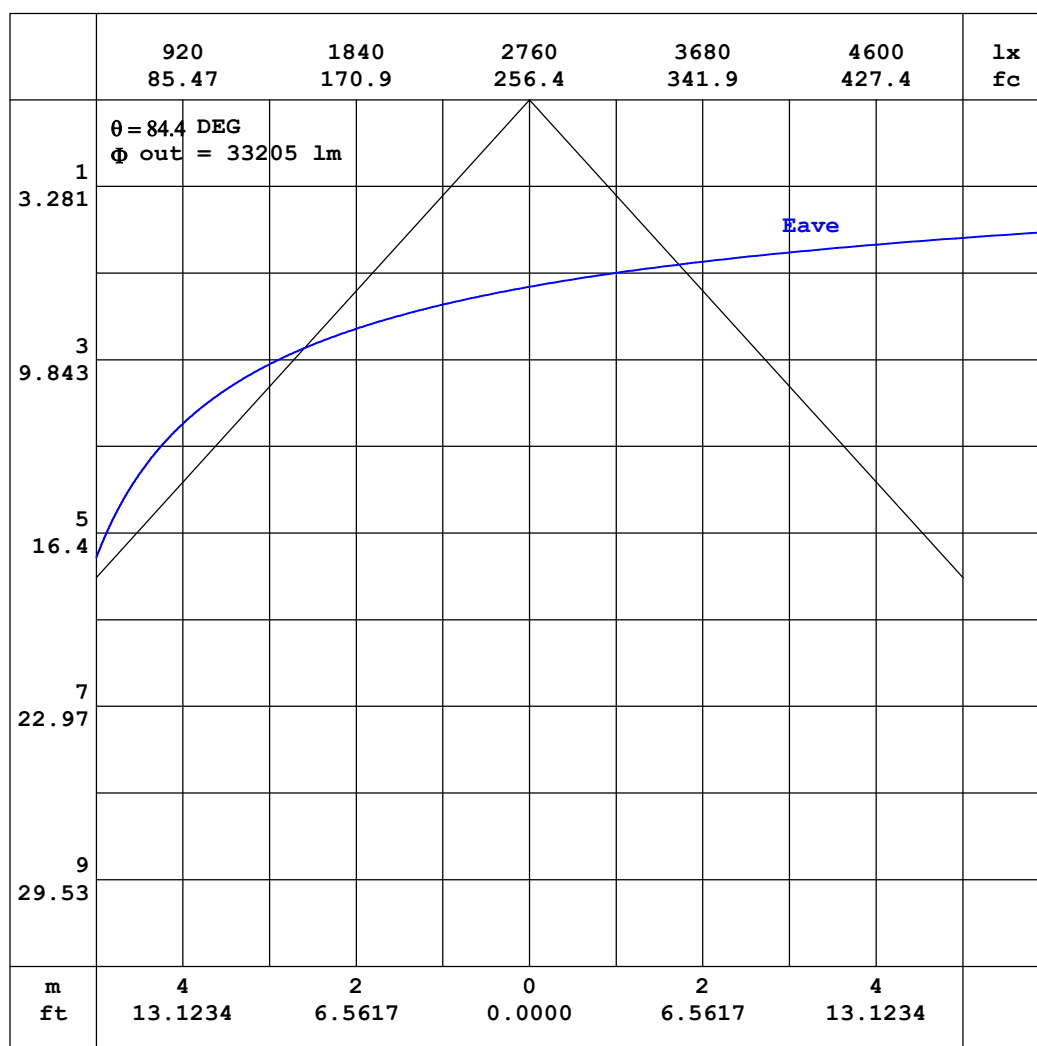


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0°C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

AAI CURVES

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



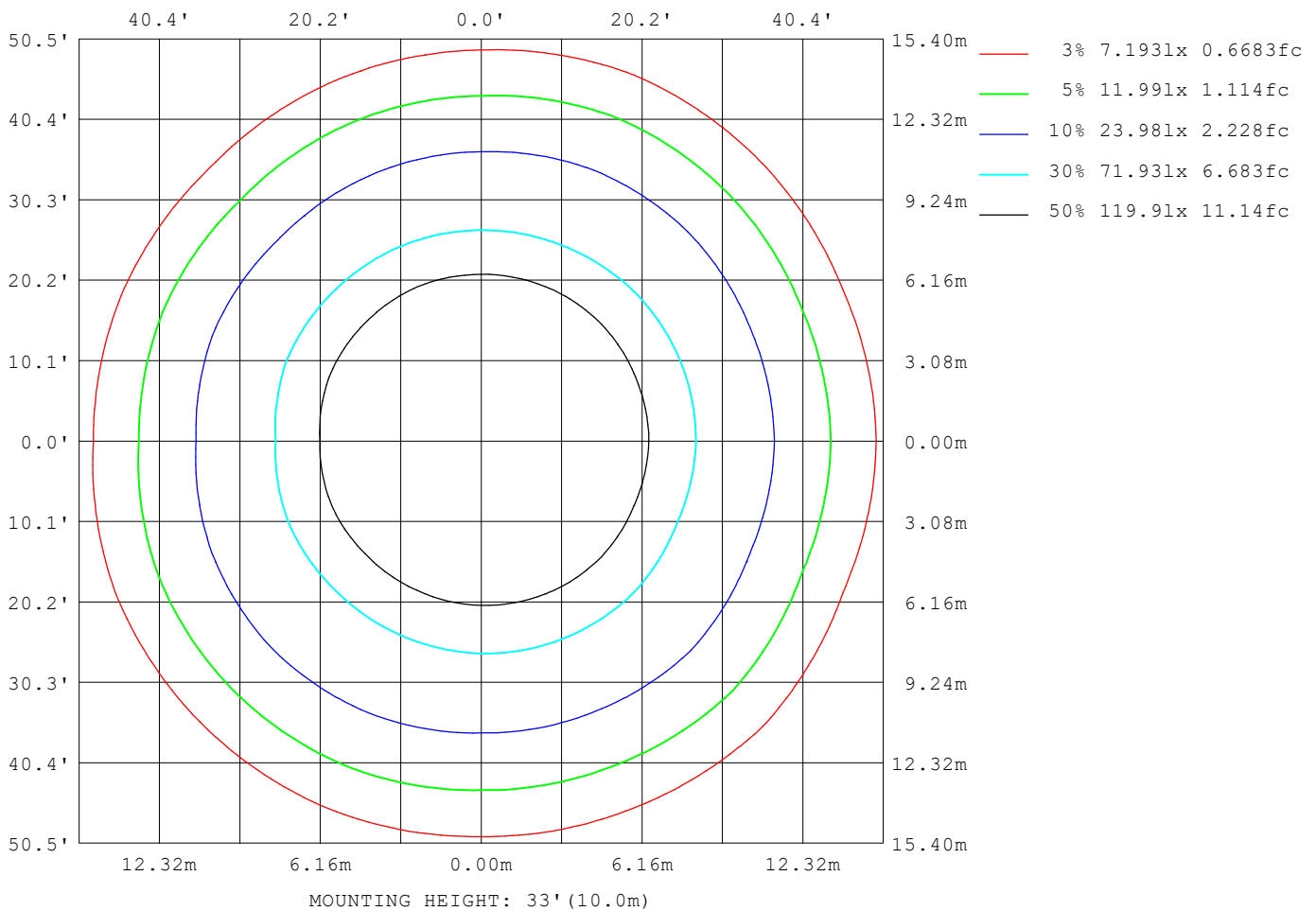
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0 °C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

ISOLUX DIAGRAM

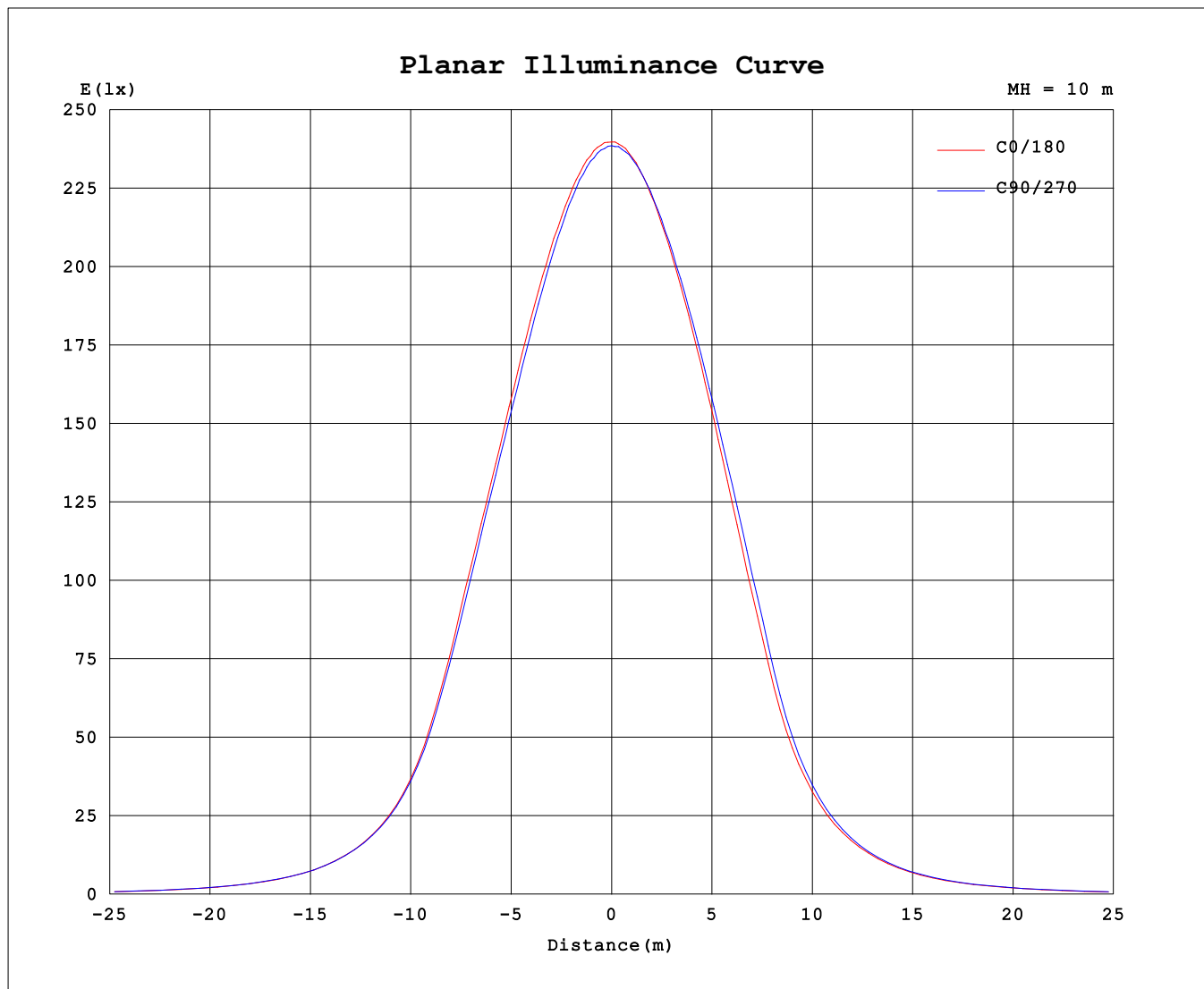
Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0°C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0 °C
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.47V I:2.4822A P:293.53W PF:0.9982 Freq:60.01Hz Lamp Flux:45972.9x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

UNIT: X10cd

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	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388	2388			
5	2387	2382	2386	2381	2377	2382	2380	2377	2378	2380	2382	2383	2387	2388	2385	2386			
10	2375	2364	2371	2360	2359	2361	2354	2357	2360	2360	2369	2368	2373	2378	2371	2371			
15	2347	2341	2341	2331	2326	2322	2319	2326	2326	2333	2340	2346	2348	2355	2353	2346			
20	2307	2300	2299	2284	2270	2264	2266	2273	2271	2287	2293	2306	2313	2314	2311	2306			
25	2234	2223	2228	2204	2183	2178	2179	2188	2183	2208	2215	2233	2246	2244	2232	2226			
30	2104	2088	2107	2079	2060	2041	2027	2044	2022	2073	2089	2107	2113	2118	2108	2096			
35	1896	1857	1890	1874	1843	1802	1780	1794	1742	1833	1848	1871	1860	1878	1898	1890			
40	1504	1455	1517	1497	1466	1423	1397	1397	1303	1415	1400	1413	1414	1440	1490	1506			
45	1038	1015	1076	1042	1021	1039	1035	999	921	986	952	967	988	1022	1045	1031			
50	713	696	754	721	709	734	732	710	649	673	651	671	684	725	723	699			
55	482	469	516	496	486	500	497	487	446	450	436	454	462	494	486	469			
60	322	315	345	335	329	334	333	328	300	300	289	304	312	329	324	312			
65	213	208	228	223	220	220	220	219	198	197	189	200	208	216	213	206			
70	136	133	147	144	142	140	141	141	128	126	120	127	133	137	135	131			
75	84.7	82.4	91.0	91.4	90.1	88.0	87.6	86.6	78.1	77.5	72.7	76.2	78.9	80.6	81.0	79.2			
80	44.8	43.5	50.5	50.6	49.7	48.2	47.7	47.0	40.5	40.1	34.7	37.0	38.5	39.1	39.3	38.6			
85	14.3	14.0	19.3	18.7	17.6	17.0	17.0	16.6	12.1	11.7	7.94	8.93	9.57	10.0	9.86	9.69			
90	0.72	0.65	1.14	1.08	1.05	1.07	1.07	1.01	0.69	0.64	0.46	0.49	0.52	0.54	0.54	0.54			
95	0.21	0.21	0.21	0.22	0.23	0.24	0.25	0.23	0.20	0.20	0.19	0.19	0.20	0.20	0.20	0.19			
100	0.28	0.28	0.27	0.28	0.29	0.30	0.30	0.29	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18			
105	0.42	0.42	0.40	0.42	0.44	0.46	0.45	0.44	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22			
110	0.63	0.65	0.62	0.64	0.68	0.70	0.69	0.68	0.28	0.28	0.29	0.28	0.28	0.28	0.28	0.28			
115	0.92	0.99	0.95	0.97	1.04	1.04	1.06	1.06	0.37	0.35	0.36	0.35	0.35	0.35	0.35	0.34			
120	1.36	1.46	1.44	1.46	1.49	1.52	1.57	1.59	0.44	0.44	0.46	0.46	0.45	0.45	0.45	0.44			
125	1.90	2.00	1.98	2.01	2.02	2.06	2.11	2.11	0.65	0.64	0.67	0.67	0.67	0.67	0.66	0.65			
130	2.43	2.51	2.48	2.51	2.52	2.56	2.59	2.58	0.98	0.95	0.99	0.99	0.98	0.97	0.95	0.95			
135	2.98	3.03	2.99	3.03	3.05	3.08	3.10	3.09	1.36	1.32	1.39	1.37	1.36	1.34	1.32	1.34			
140	3.54	3.59	3.55	3.62	3.63	3.66	3.67	3.66	1.83	1.80	1.88	1.85	1.82	1.79	1.79	1.84			
145	4.12	4.16	4.13	4.20	4.25	4.25	4.25	4.25	2.29	2.27	2.37	2.34	2.31	2.29	2.30	2.36			
150	4.73	4.77	4.72	4.79	4.84	4.84	4.82	4.84	2.94	2.92	3.07	3.02	2.99	2.99	3.01	3.07			
155	5.34	5.37	5.31	5.37	5.40	5.40	5.40	5.40	4.03	3.99	4.30	4.27	4.24	4.25	4.26	4.29			
160	6.15	6.17	6.02	6.06	6.08	6.10	6.10	6.08	6.38	6.31	6.97	6.97	6.96	6.96	6.94	6.97			
165	7.70	7.69	7.34	7.36	7.39	7.42	7.40	7.40	11.5	11.4	13.4	13.3	13.4	13.4	13.4	13.4			
170	10.7	10.7	10.0	10.1	10.1	10.1	10.1	10.1	24.6	24.5	27.2	27.2	27.2	27.3	27.2	27.2			
175	14.2	14.2	13.6	13.6	13.7	13.7	13.7	13.7	29.7	29.7	28.1	28.0	28.0	28.0	28.0	28.0			
180	18.5	17.8	17.1	17.0	17.0	17.1	17.1	17.0	19.0	19.0	17.4	17.4	17.4	17.4	17.4	17.5			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.0℃
Operators:DAMIN
Test Date:2025-11-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks: