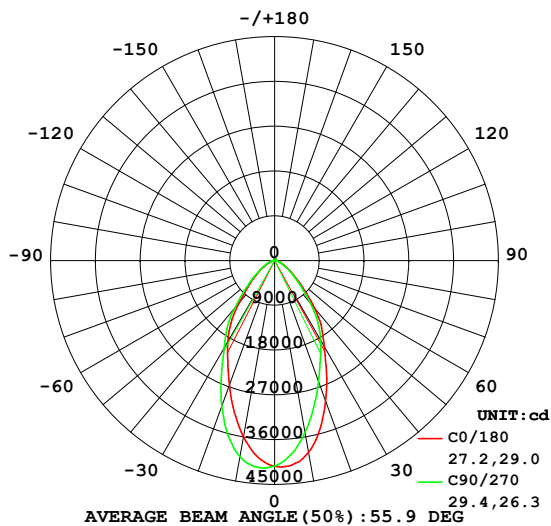


LUMINAIRE PHOTOMETRIC TEST REPORT

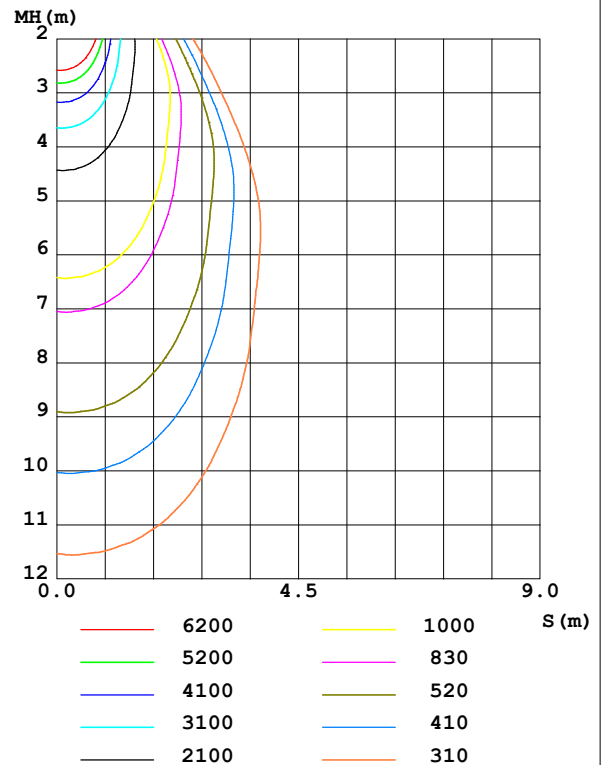
Test:U:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 161.30 lm/W
MODEL	HL-RHB-MW-MCCT-ML2-300W	Imax (cd)	41908	S/MH(C0/180)	0.78	
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	0.88	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	46917	η UP,DN(C0-180)	0.2,48.1	
NOMINAL FLUX(lm)	46916.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,51.6	
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	120	η down (%)	99.7	CIBSE SHR MAX	0.95	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°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:

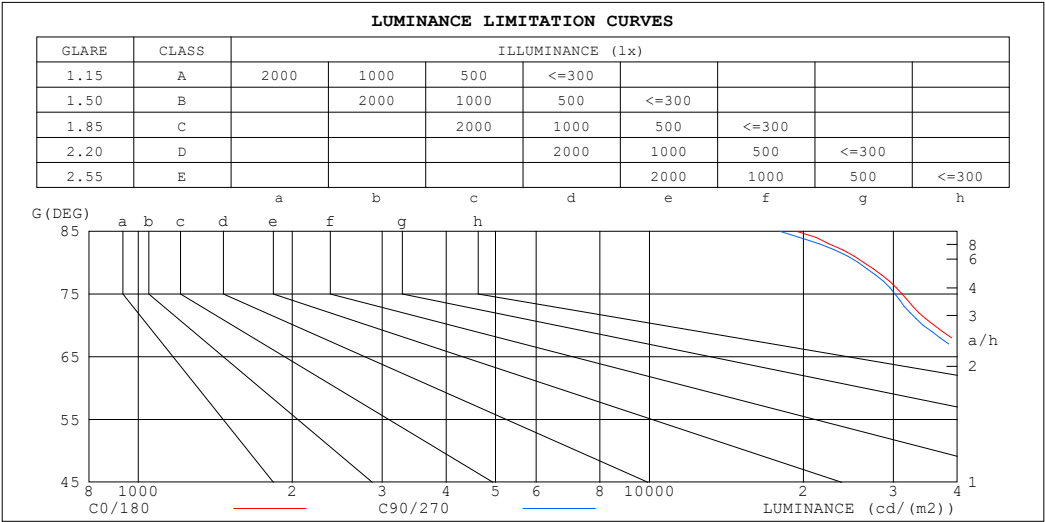
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3921	3682	3513	3483	3604	3805	4000	4051	0- 10	3764	3764	8.02,8.02
20	2997	2761	2587	2542	2657	2877	3113	3156	10- 20	9272	13036	27.8,27.8
30	2002	1922	1850	1809	1885	1974	2033	2040	20- 30	10810	23846	50.8,50.8
40	1255	1175	1130	1079	1107	1254	1260	1298	30- 40	9861	33707	71.8,71.8
50	595.0	576.3	541.5	559.0	544.6	580.9	602.8	634.0	40- 50	6499	40206	85.7,85.7
60	276.9	271.7	259.6	262.6	259.5	268.6	285.9	294.3	50- 60	3637	43843	93.4,93.4
70	123.6	121.0	117.3	116.9	116.5	119.4	129.8	132.3	60- 70	1862	45705	97.4,97.4
80	45.68	45.18	44.44	44.04	43.25	43.98	47.34	48.16	70- 80	853.9	46559	99.2,99.2
90	1.210	1.004	0.9962	1.066	1.013	0.9059	1.057	1.253	80- 90	200.7	46760	99.7,99.7
100	0.2642	0.2729	0.2919	0.2994	0.1992	0.1957	0.1956	0.1940	90-100	3.729	46763	99.7,99.7
110	0.5782	0.5934	0.6780	0.6532	0.2835	0.2645	0.2576	0.2735	100-110	3.432	46767	99.7,99.7
120	1.184	1.315	1.348	1.392	0.4091	0.3914	0.3836	0.3819	110-120	6.238	46773	99.7,99.7
130	2.197	2.319	2.397	2.460	0.8484	0.8000	0.7871	0.7699	120-130	10.62	46784	99.7,99.7
140	3.631	3.851	4.082	4.121	1.656	1.582	1.520	1.484	130-140	16.27	46800	99.8,99.8
150	5.666	5.921	6.213	6.248	3.072	2.940	2.814	2.832	140-150	22.08	46822	99.8,99.8
160	8.171	8.332	8.516	8.561	7.910	7.623	7.514	7.521	150-160	26.86	46849	99.9,99.9
170	15.13	15.05	15.16	15.40	35.95	36.37	36.84	37.10	160-170	38.69	46887	99.9,99.9
180	27.04	27.05	27.12	27.27	27.59	27.67	27.88	27.96	170-180	29.16	46917	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28.2℃
 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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19393	17989
80	26258	25619
75	31205	30210
70	36086	34320
65	44121	41795
60	55291	51974
55	71097	65651
50	92404	84332
45	121205	109611

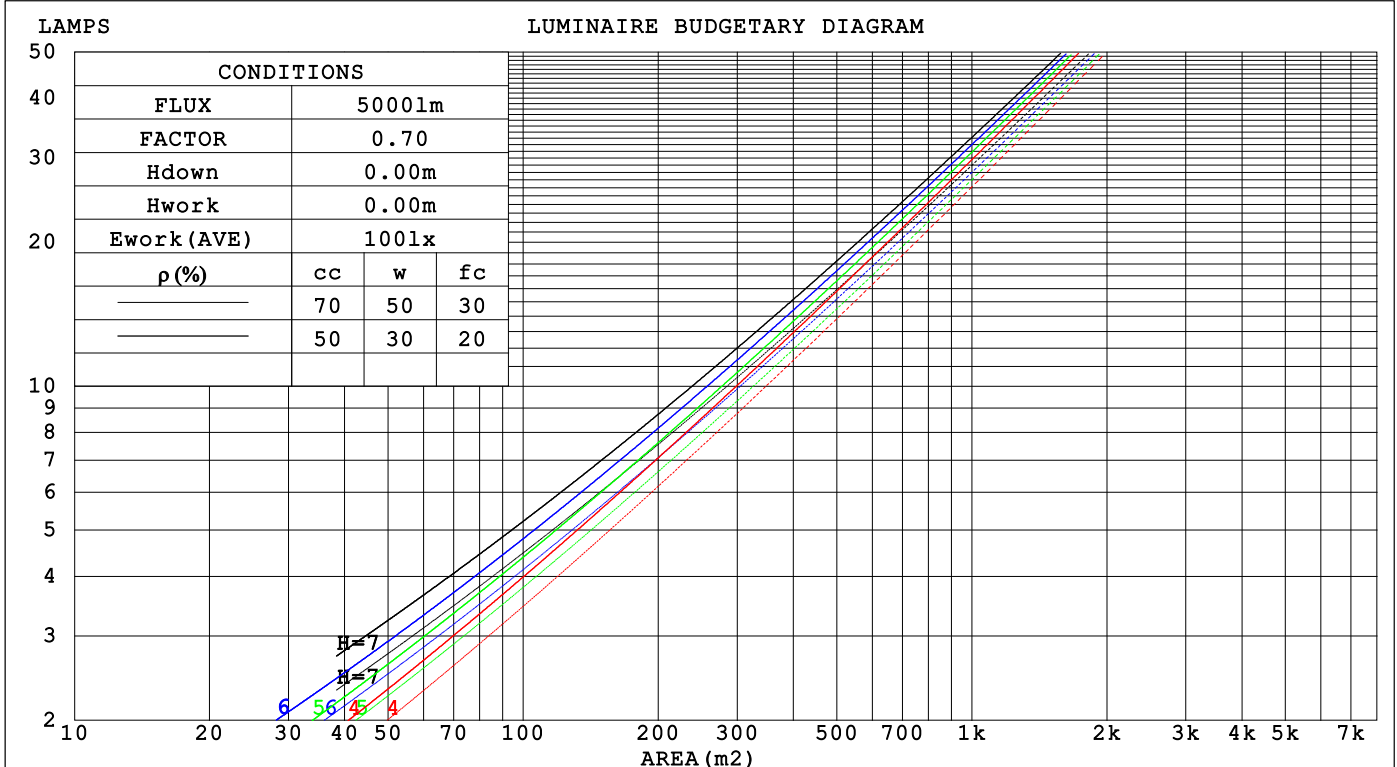
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
Operators:DAMIN
Test Date:2025-11-18

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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 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	1.05	1.02	1.06	1.03	1.01	1.02	.00	.98	.98	.96	.95	.95	.93	.92	.90
2.0	.99	.93	.89	.97	.92	.88	.93	.89	.86	.90	.87	.84	.87	.85	.82	.81
3.0	.90	.84	.79	.88	.83	.78	.86	.81	.77	.83	.79	.75	.81	.77	.74	.72
4.0	.82	.76	.70	.81	.75	.70	.79	.73	.69	.77	.72	.68	.75	.71	.67	.65
5.0	.76	.69	.63	.75	.68	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59
6.0	.70	.63	.58	.69	.62	.57	.67	.61	.57	.66	.61	.56	.64	.60	.56	.54
7.0	.65	.58	.53	.64	.57	.53	.63	.57	.52	.61	.56	.52	.60	.55	.52	.50
8.0	.60	.53	.49	.60	.53	.48	.59	.52	.48	.57	.52	.48	.56	.51	.48	.46
9.0	.56	.50	.45	.56	.49	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.43
10.0	.53	.46	.42	.52	.46	.42	.51	.46	.42	.51	.45	.41	.50	.45	.41	.40



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 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	.222	.126	.040	.215	.123	.039	.202	.116	.037	.190	.110	.035	.179	.104	.033	
2.0	.214	.117	.036	.208	.114	.035	.196	.109	.034	.186	.104	.033	.177	.100	.032	
3.0	.202	.108	.032	.197	.106	.032	.187	.102	.031	.179	.098	.030	.170	.094	.029	
4.0	.191	.099	.029	.186	.098	.029	.178	.094	.028	.170	.091	.028	.163	.088	.027	
5.0	.180	.092	.027	.176	.090	.026	.169	.088	.026	.162	.085	.025	.155	.083	.025	
6.0	.170	.085	.024	.167	.084	.024	.160	.082	.024	.154	.080	.023	.148	.078	.023	
7.0	.161	.080	.023	.158	.079	.022	.152	.077	.022	.146	.075	.022	.141	.073	.022	
8.0	.152	.074	.021	.150	.074	.021	.144	.072	.021	.139	.071	.020	.135	.069	.020	
9.0	.145	.070	.020	.142	.069	.019	.137	.068	.019	.133	.067	.019	.129	.065	.019	
10.0	.138	.066	.018	.135	.065	.018	.131	.064	.018	.127	.063	.018	.123	.062	.018	

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	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.177	.159	.144	.151	.137	.124	.103	.094	.086	.060	.054	.050	.019	.018	.016	
2.0	.164	.135	.110	.141	.116	.095	.097	.080	.066	.056	.047	.039	.018	.015	.013	
3.0	.154	.116	.086	.132	.100	.075	.091	.070	.053	.052	.041	.031	.017	.013	.010	
4.0	.145	.102	.070	.125	.088	.060	.086	.062	.043	.050	.036	.025	.016	.012	.008	
5.0	.137	.091	.057	.118	.079	.050	.081	.055	.035	.047	.032	.021	.015	.011	.007	
6.0	.130	.082	.048	.112	.071	.042	.077	.050	.030	.045	.029	.018	.014	.010	.006	
7.0	.124	.075	.041	.106	.065	.036	.074	.046	.025	.043	.027	.015	.014	.009	.005	
8.0	.118	.069	.036	.101	.060	.031	.070	.042	.022	.041	.025	.013	.013	.008	.004	
9.0	.112	.064	.031	.097	.056	.027	.067	.039	.019	.039	.023	.012	.013	.008	.004	
10.0	.108	.060	.028	.093	.052	.024	.064	.036	.017	.038	.022	.010	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 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	12.9	14.1	13.1	14.3	14.4	12.6	13.8	12.8	14.0	14.1
3H	13.2	14.3	13.5	14.5	14.8	13.0	14.0	13.2	14.3	14.5
4H	13.4	14.4	13.7	14.6	14.9	13.1	14.1	13.4	14.4	14.6
6H	13.5	14.4	13.8	14.7	14.9	13.2	14.1	13.5	14.4	14.7
8H	13.5	14.4	13.8	14.7	14.9	13.2	14.1	13.5	14.4	14.7
12H	13.5	14.3	13.8	14.6	14.9	13.2	14.1	13.5	14.4	14.7
4H 2H	13.0	14.0	13.3	14.2	14.5	12.7	13.7	13.0	14.0	14.2
3H	13.5	14.4	13.8	14.6	14.9	13.2	14.1	13.6	14.4	14.7
4H	13.7	14.5	14.1	14.8	15.1	13.5	14.3	13.8	14.6	14.9
6H	13.9	14.6	14.3	14.9	15.3	13.6	14.3	14.0	14.7	15.0
8H	13.9	14.6	14.3	14.9	15.3	13.7	14.3	14.1	14.7	15.1
12H	13.9	14.5	14.3	14.9	15.3	13.7	14.3	14.1	14.7	15.1
8H 4H	13.7	14.4	14.1	14.7	15.1	13.5	14.2	13.9	14.5	14.9
6H	14.0	14.5	14.4	14.9	15.3	13.8	14.3	14.2	14.7	15.1
8H	14.0	14.5	14.5	14.9	15.4	13.8	14.3	14.3	14.7	15.2
12H	14.1	14.5	14.6	14.9	15.4	13.9	14.3	14.4	14.7	15.2
12H 4H	13.7	14.3	14.1	14.7	15.1	13.5	14.1	13.9	14.5	14.9
6H	14.0	14.4	14.4	14.9	15.3	13.8	14.2	14.2	14.7	15.1
8H	14.1	14.5	14.5	14.9	15.4	13.9	14.3	14.3	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.2					+ 0.9 / - 1.2				
1.5H	+ 1.2 / - 0.9					+ 1.1 / - 0.8				
2.0H	+ 1.9 / - 1.4					+ 1.7 / - 1.3				

CIE Pub.117, 46917 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 13.4)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

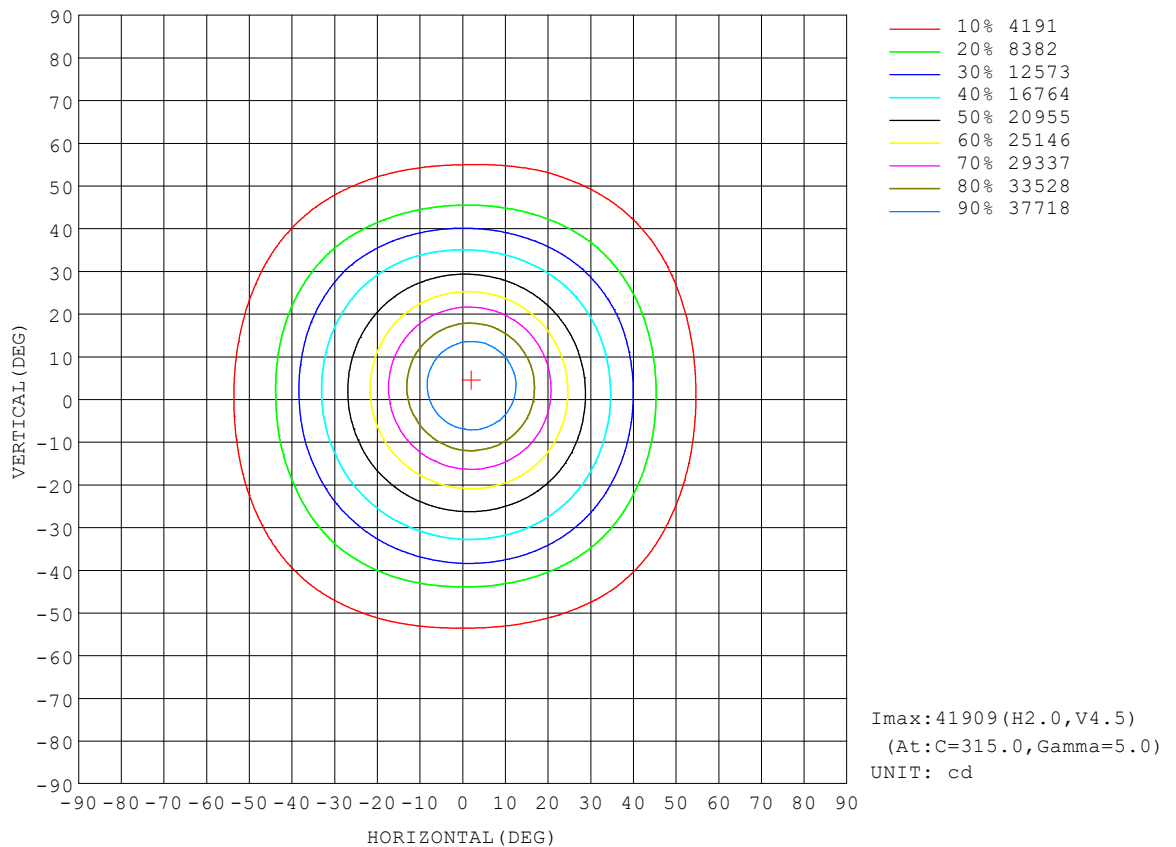
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	65	60	73	65	60	72	64	60	55
0.80	83	75	69	82	74	69	81	73	69	64
1.00	90	82	77	89	81	76	87	82	76	70
1.25	95	88	83	94	87	83	92	86	82	76
1.50	99	92	87	97	91	87	95	90	86	80
2.00	103	98	93	102	96	92	99	94	91	85
2.50	106	101	96	104	99	96	101	97	94	87
3.00	108	103	100	106	102	99	103	99	96	89
4.00	111	107	104	109	105	102	105	102	100	92
5.00	112	109	106	110	107	105	106	104	102	93
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: 28.2°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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

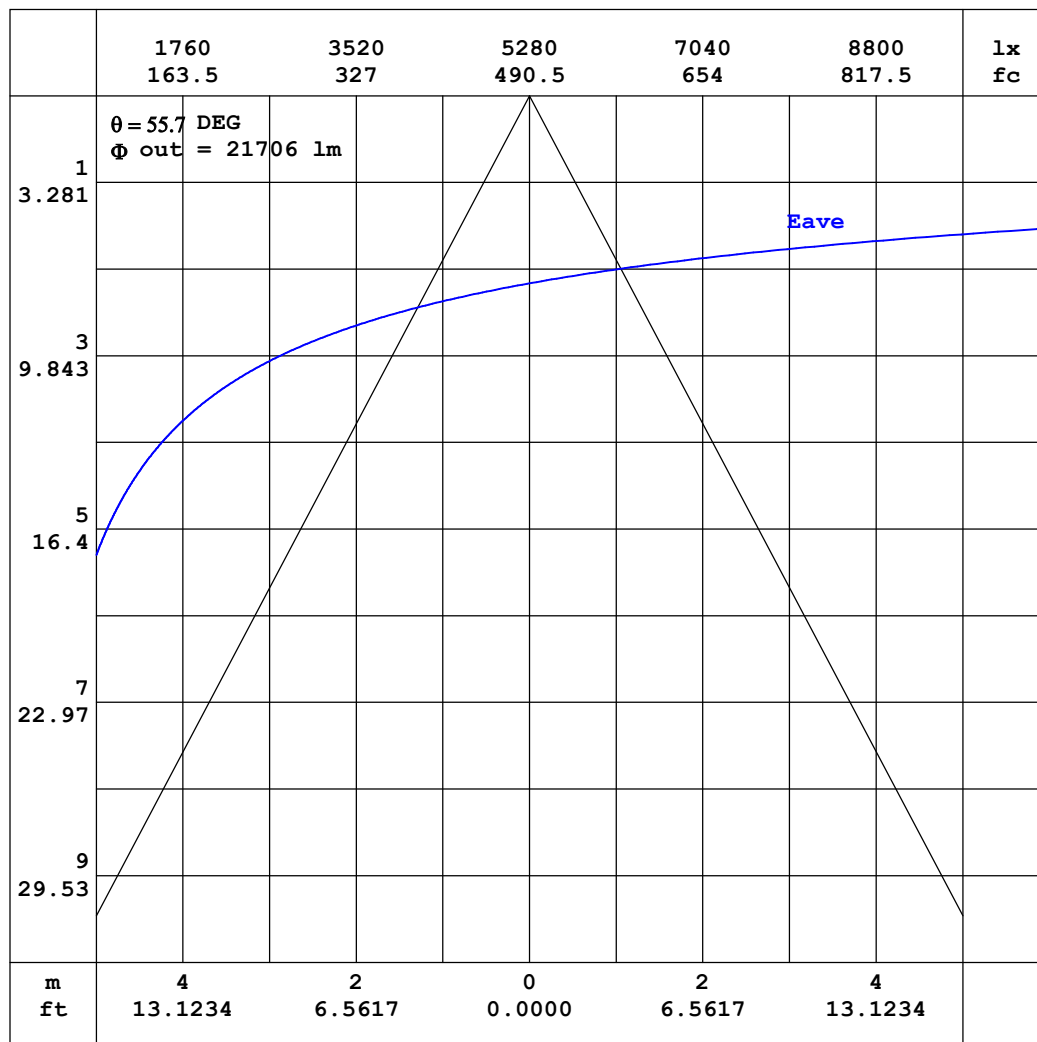


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°C
Operators:DAMIN
Test Date:2025-11-18

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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



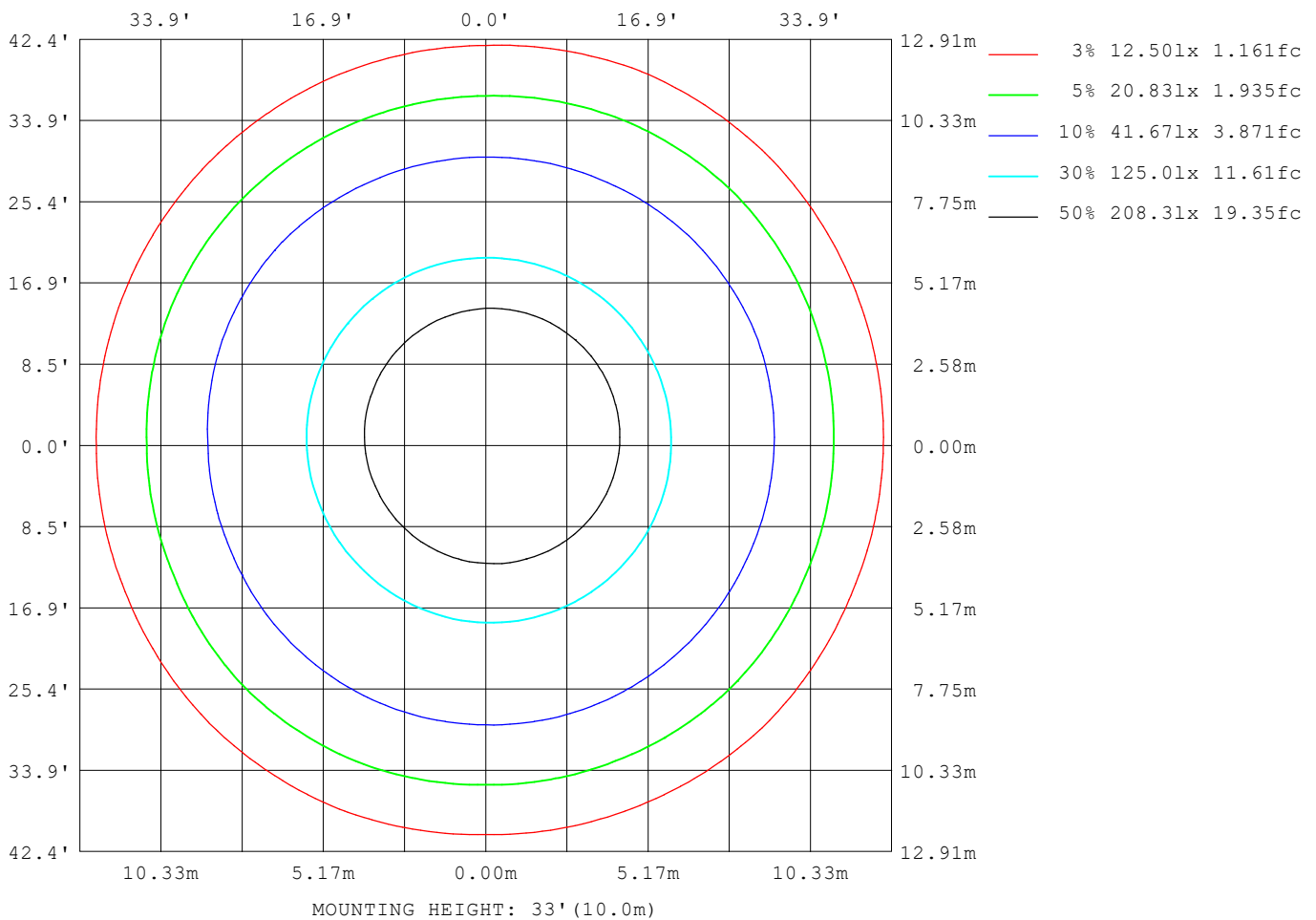
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°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

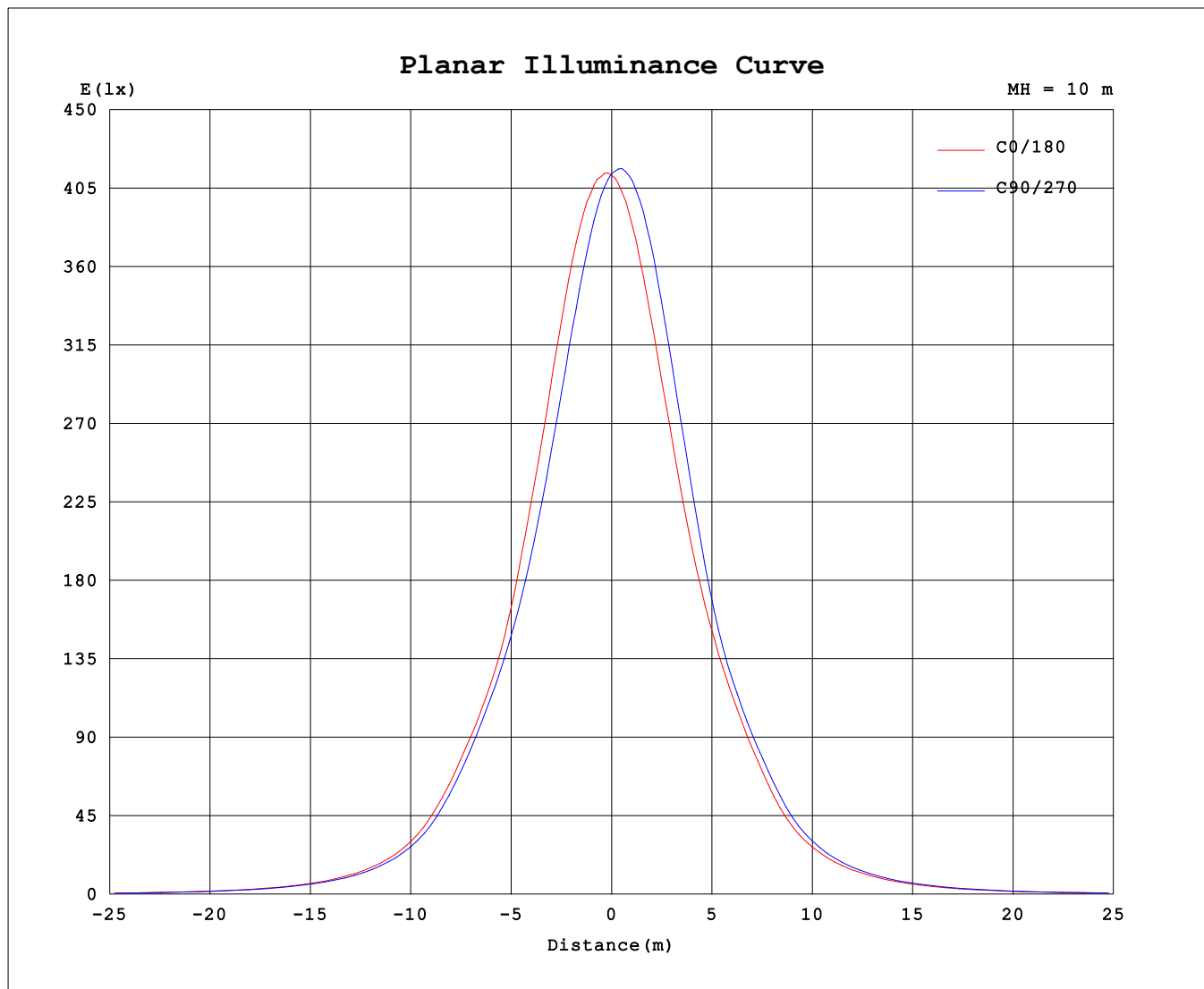
Test:U:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°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: 28.2°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:118.51V I:2.4590A P:290.86W PF:0.9981 Freq:60.01Hz Lamp Flux:46916.6x1 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	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130			
5	4121	4063	4002	3950	3905	3880	3882	3912	3957	4010	4064	4122	4165	4189	4191	4171			
10	3921	3804	3682	3583	3513	3478	3483	3526	3604	3699	3805	3917	4000	4046	4051	4011			
15	3518	3378	3237	3126	3053	3016	3022	3067	3149	3252	3381	3517	3627	3685	3682	3628			
20	2997	2881	2761	2660	2587	2544	2542	2578	2657	2757	2877	3006	3113	3166	3156	3095			
25	2474	2388	2302	2233	2182	2150	2146	2176	2231	2292	2369	2456	2533	2576	2575	2541			
30	2002	1966	1922	1885	1850	1819	1809	1832	1885	1934	1974	2012	2033	2041	2040	2030			
35	1656	1612	1579	1559	1523	1484	1466	1481	1533	1600	1653	1676	1673	1681	1690	1683			
40	1255	1209	1175	1157	1130	1098	1079	1072	1107	1190	1254	1259	1260	1271	1298	1303			
45	859	832	819	792	774	785	785	757	769	816	845	849	864	883	904	897			
50	595	576	576	555	542	558	559	544	545	563	581	596	603	632	634	614			
55	409	395	398	385	376	386	384	377	379	382	397	411	416	438	433	419			
60	277	270	272	264	260	263	263	259	260	259	269	281	286	300	294	285			
65	187	183	183	179	176	176	177	176	176	174	181	190	195	202	200	193			
70	124	121	121	119	117	116	117	117	116	115	119	125	130	134	132	128			
75	80.9	80.0	79.2	80.2	78.1	78.3	77.6	76.6	76.2	76.0	79.0	81.4	84.1	84.9	86.2	84.2			
80	45.7	45.7	45.2	46.1	44.4	44.5	44.0	43.6	43.3	42.0	44.0	45.4	47.3	47.9	48.2	47.3			
85	16.9	16.9	16.7	16.7	15.7	15.7	15.5	15.1	14.9	14.2	15.2	16.1	16.9	17.5	17.5	17.2			
90	1.21	1.10	1.00	1.01	1.00	1.04	1.07	1.03	1.01	0.93	0.91	0.98	1.06	1.18	1.25	1.30			
95	0.22	0.22	0.22	0.23	0.23	0.24	0.24	0.23	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22			
100	0.26	0.27	0.27	0.29	0.29	0.30	0.30	0.29	0.20	0.20	0.20	0.19	0.20	0.19	0.19	0.19			
105	0.38	0.39	0.40	0.42	0.43	0.45	0.44	0.43	0.22	0.22	0.22	0.21	0.21	0.22	0.21	0.21			
110	0.58	0.58	0.59	0.61	0.68	0.66	0.65	0.64	0.28	0.27	0.26	0.26	0.26	0.26	0.27	0.26			
115	0.82	0.86	0.89	0.90	0.99	0.96	0.97	0.97	0.37	0.33	0.32	0.33	0.32	0.32	0.34	0.32			
120	1.18	1.25	1.32	1.33	1.35	1.36	1.39	1.41	0.41	0.40	0.39	0.39	0.38	0.38	0.38	0.38			
125	1.66	1.74	1.79	1.82	1.82	1.85	1.89	1.88	0.57	0.56	0.55	0.55	0.54	0.54	0.54	0.53			
130	2.20	2.26	2.32	2.36	2.40	2.43	2.46	2.45	0.85	0.82	0.80	0.79	0.79	0.78	0.77	0.77			
135	2.84	2.91	3.01	3.09	3.15	3.20	3.22	3.19	1.19	1.15	1.13	1.11	1.10	1.08	1.06	1.08			
140	3.63	3.73	3.85	3.99	4.08	4.12	4.12	4.08	1.66	1.61	1.58	1.55	1.52	1.49	1.48	1.52			
145	4.58	4.69	4.84	5.00	5.12	5.16	5.15	5.10	2.20	2.16	2.12	2.07	2.03	2.00	2.01	2.07			
150	5.67	5.77	5.92	6.09	6.21	6.26	6.25	6.20	3.07	3.00	2.94	2.87	2.81	2.80	2.83	2.89			
155	6.79	6.89	7.02	7.17	7.26	7.30	7.30	7.26	4.60	4.48	4.39	4.30	4.24	4.23	4.26	4.33			
160	8.17	8.24	8.33	8.44	8.52	8.54	8.56	8.56	7.91	7.74	7.62	7.56	7.51	7.49	7.52	7.61			
165	10.6	10.6	10.6	10.7	10.7	10.8	10.9	10.9	15.7	15.5	15.5	15.5	15.5	15.5	15.6	15.7			
170	15.1	15.1	15.1	15.1	15.2	15.3	15.4	15.5	35.9	36.1	36.4	36.6	36.8	37.0	37.1	37.1			
175	20.3	20.2	20.2	20.3	20.3	20.4	20.6	20.7	44.3	44.3	44.7	45.0	45.2	44.8	44.8	44.8			
180	27.0	27.0	27.1	27.1	27.1	27.1	27.3	27.2	27.6	27.6	27.7	27.8	27.9	27.9	28.0	28.1			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
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: