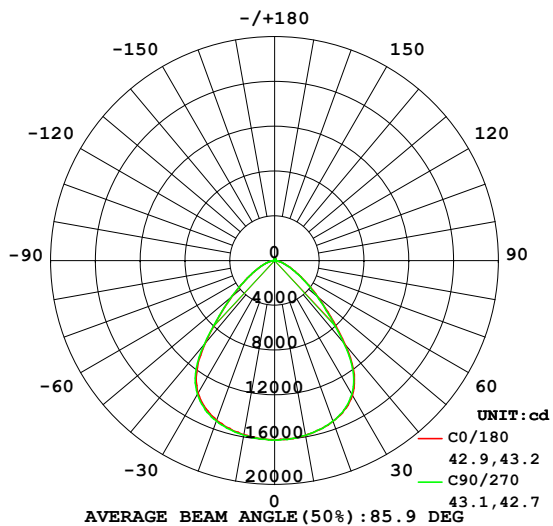


LUMINAIRE PHOTOMETRIC TEST REPORT

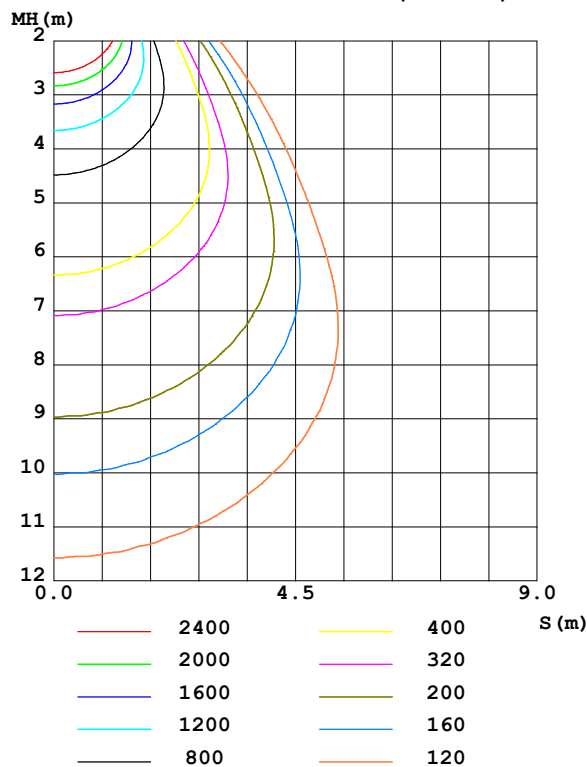
Test:U:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.40 lm/W			
MODEL	HL-RHB-MW-MCCT-ML2-200W	Imax (cd)	16047	S/MH(C0/180)	1.22
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	31222	η UP,DN(C0-180)	0.2,49.9
NOMINAL FLUX(lm)	31222.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.9
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: 28.2°C
Operators:DAMIN
Test Date:2025-10-29

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	1585	1587	1587	1582	1579	1581	1585	1586	0- 10	1519	1519	4.87,4.87
20	1528	1524	1524	1520	1517	1517	1523	1531	10- 20	4404	5923	19,19
30	1391	1392	1382	1376	1366	1367	1381	1397	20- 30	6748	12671	40.6,40.6
40	985.3	993.2	963.6	976.4	966.6	977.0	981.9	999.7	30- 40	7574	20246	64.8,64.8
50	507.0	491.7	492.9	476.0	493.1	492.3	499.9	483.3	40- 50	5463	25709	82.3,82.3
60	239.5	232.1	234.8	221.3	231.8	227.9	233.4	227.2	50- 60	3081	28789	92.2,92.2
70	103.4	102.2	102.3	97.74	99.88	100.5	100.2	100.4	60- 70	1566	30355	97.2,97.2
80	30.54	31.22	30.90	30.42	30.51	31.14	29.63	30.33	70- 80	657.9	31013	99.3,99.3
90	0.3555	0.3775	0.3598	0.3118	0.3329	0.3186	0.3395	0.3875	80- 90	117.7	31130	99.7,99.7
100	0.2097	0.2102	0.2111	0.2095	0.1320	0.1322	0.1292	0.1299	90-100	1.807	31132	99.7,99.7
110	0.4834	0.4867	0.4870	0.4792	0.2121	0.2254	0.2156	0.2132	100-110	2.611	31135	99.7,99.7
120	1.024	1.031	1.033	1.034	0.3403	0.3378	0.3342	0.3340	110-120	4.957	31140	99.7,99.7
130	1.717	1.710	1.736	1.744	0.6821	0.6786	0.6707	0.6634	120-130	8.323	31148	99.8,99.8
140	2.485	2.477	2.517	2.526	1.285	1.274	1.268	1.254	130-140	11.77	31160	99.8,99.8
150	3.341	3.326	3.341	3.352	2.102	2.097	2.101	2.071	140-150	14.21	31174	99.8,99.8
160	4.324	4.317	4.333	4.342	4.471	4.504	4.475	4.440	150-160	15.47	31190	99.9,99.9
170	7.572	7.562	7.567	7.564	16.46	16.49	16.49	16.44	160-170	19.32	31209	100,100
180	13.25	13.27	13.23	13.16	13.53	13.60	13.57	13.56	170-180	13.51	31222	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:2025-10-29

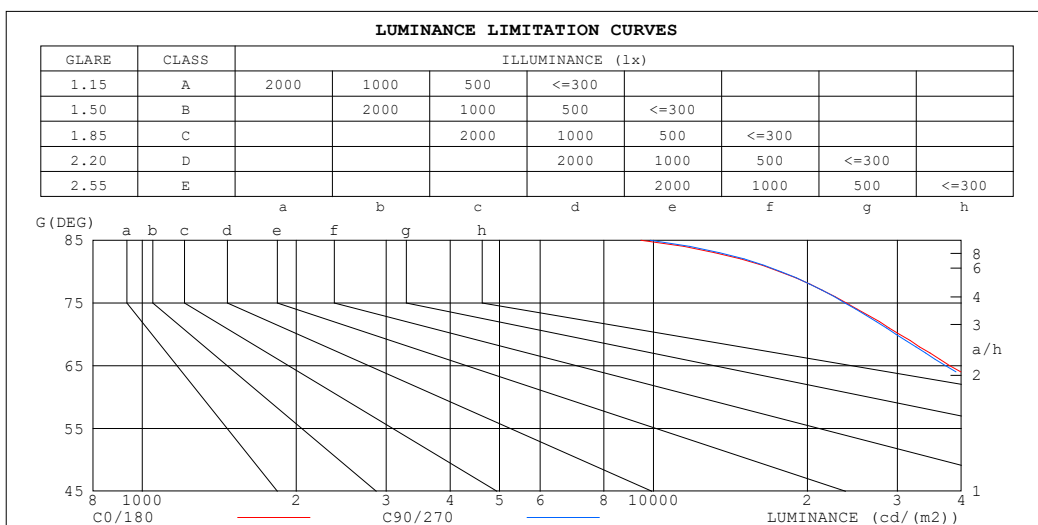
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4255]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz

Lamp Flux:31222.4x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9455	9857
80	17651	17761
75	23866	23685
70	30326	29845
65	38014	37281
60	48075	46867
55	61530	59581
50	79154	76528
45	100434	97259

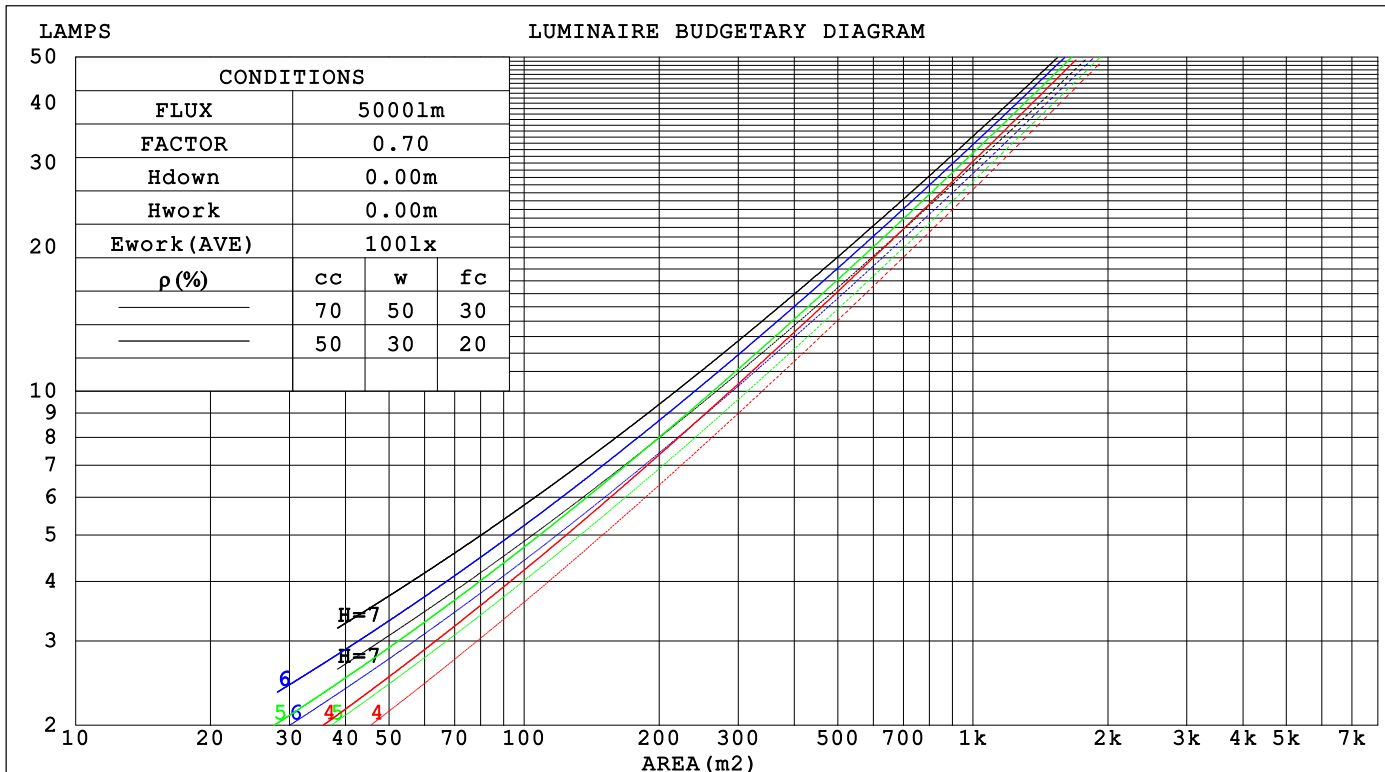
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 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			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	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.97	.91	.87	.95	.90	.86	.91	.87	.84	.88	.85	.82	.85	.83	.80	.78
3.0	.87	.81	.75	.86	.80	.75	.83	.78	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.59	.71	.64	.58	.69	.62	.58	.67	.61	.57	.65	.60	.56	.55
6.0	.66	.58	.52	.65	.57	.52	.63	.57	.52	.61	.56	.51	.60	.55	.51	.49
7.0	.60	.53	.47	.59	.52	.47	.58	.51	.47	.57	.51	.46	.55	.50	.46	.44
8.0	.55	.48	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.37
10.0	.48	.40	.36	.47	.40	.36	.46	.40	.35	.45	.39	.35	.44	.39	.35	.34



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°C
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 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	.238	.135	.043	.231	.132	.042	.218	.125	.040	.206	.119	.038	.195	.113	.036		
2.0	.231	.126	.039	.224	.124	.038	.213	.119	.037	.203	.114	.036	.193	.109	.034		
3.0	.219	.117	.035	.214	.114	.034	.204	.110	.034	.195	.107	.033	.186	.103	.032		
4.0	.207	.107	.032	.202	.106	.031	.193	.103	.031	.185	.100	.030	.178	.097	.029		
5.0	.195	.099	.029	.191	.098	.029	.183	.095	.028	.176	.093	.028	.169	.090	.027		
6.0	.184	.092	.026	.180	.091	.026	.173	.089	.026	.167	.087	.026	.161	.085	.025		
7.0	.174	.086	.024	.170	.085	.024	.164	.083	.024	.159	.081	.024	.153	.080	.023		
8.0	.164	.080	.023	.161	.079	.022	.156	.078	.022	.151	.076	.022	.146	.075	.022		
9.0	.156	.075	.021	.153	.075	.021	.148	.073	.021	.143	.072	.021	.139	.071	.020		
10.0	.148	.071	.020	.145	.070	.020	.141	.069	.019	.137	.068	.019	.133	.067	.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	.178	.159	.142	.152	.136	.122	.104	.094	.085	.060	.054	.049	.019	.017	.016		
2.0	.166	.134	.108	.142	.116	.093	.098	.080	.065	.056	.047	.038	.018	.015	.012		
3.0	.157	.116	.084	.135	.100	.073	.092	.070	.051	.053	.041	.030	.017	.013	.010		
4.0	.149	.102	.067	.128	.088	.058	.088	.062	.041	.051	.036	.024	.016	.012	.008		
5.0	.141	.091	.055	.121	.079	.048	.084	.055	.034	.048	.032	.020	.016	.011	.007		
6.0	.134	.083	.046	.116	.072	.040	.080	.050	.028	.046	.030	.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	.061	.029	.073	.043	.021	.042	.025	.012	.014	.008	.004		
9.0	.117	.065	.030	.101	.056	.026	.070	.040	.018	.041	.023	.011	.013	.008	.004		
10.0	.112	.061	.026	.097	.053	.023	.067	.037	.016	.039	.022	.010	.013	.007	.003		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 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	14.5	15.8	14.7	16.0	16.1	14.4	15.7	14.6	15.8	16.0
3H	14.8	16.0	15.1	16.2	16.5	14.7	15.9	15.0	16.1	16.4
4H	14.9	16.1	15.2	16.3	16.5	14.8	16.0	15.2	16.2	16.4
6H	15.0	16.0	15.3	16.3	16.5	14.9	15.9	15.2	16.2	16.5
8H	15.0	16.0	15.3	16.2	16.5	14.9	15.9	15.2	16.1	16.4
12H	14.9	15.9	15.3	16.2	16.5	14.8	15.8	15.2	16.1	16.4
4H 2H	14.6	15.7	14.9	15.9	16.2	14.5	15.6	14.8	15.8	16.1
3H	15.1	16.0	15.4	16.3	16.6	15.0	16.0	15.3	16.2	16.5
4H	15.3	16.1	15.6	16.4	16.8	15.2	16.0	15.5	16.4	16.7
6H	15.3	16.1	15.7	16.5	16.8	15.3	16.0	15.7	16.4	16.7
8H	15.3	16.1	15.8	16.4	16.8	15.3	16.0	15.7	16.3	16.7
12H	15.3	16.0	15.8	16.4	16.8	15.3	15.9	15.7	16.3	16.7
8H 4H	15.3	16.0	15.7	16.3	16.7	15.2	15.9	15.6	16.3	16.6
6H	15.4	16.0	15.8	16.4	16.8	15.3	15.9	15.8	16.3	16.7
8H	15.4	15.9	15.9	16.4	16.8	15.4	15.9	15.8	16.3	16.8
12H	15.4	15.9	15.9	16.3	16.8	15.4	15.8	15.8	16.3	16.7
12H 4H	15.2	15.9	15.7	16.3	16.7	15.2	15.8	15.6	16.2	16.6
6H	15.4	15.9	15.8	16.3	16.8	15.3	15.8	15.8	16.3	16.7
8H	15.4	15.9	15.9	16.3	16.8	15.4	15.8	15.8	16.2	16.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.2					+ 0.9 / - 1.2				
1.5H	+ 1.0 / - 0.8					+ 1.0 / - 0.8				
2.0H	+ 1.9 / - 1.6					+ 1.8 / - 1.5				

CIE Pub.117, 31222 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 12.0)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

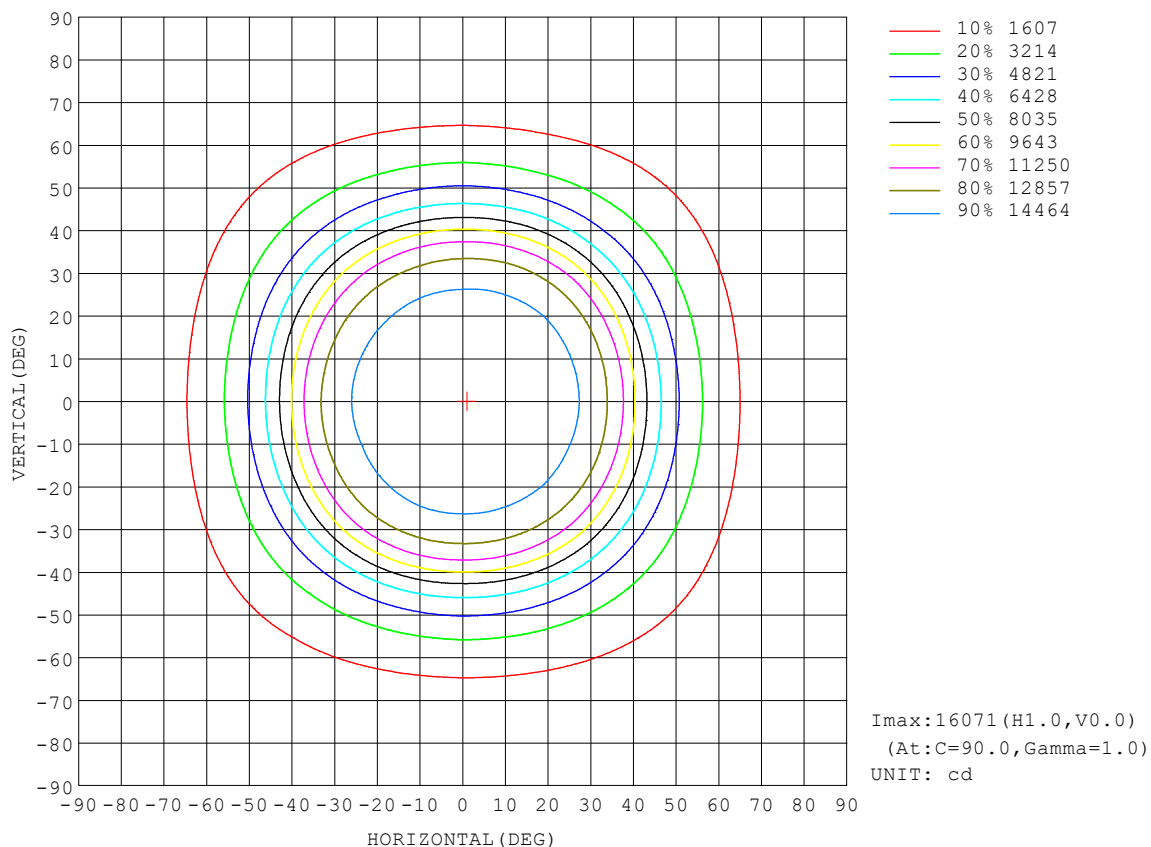
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	60	54	69	60	54	68	59	54	49
0.80	79	70	64	78	69	64	77	69	63	58
1.00	87	78	72	85	77	72	84	78	71	66
1.25	93	85	79	91	84	79	89	83	78	72
1.50	97	89	84	95	89	84	93	87	83	76
2.00	102	96	91	100	94	90	97	92	88	82
2.50	105	99	94	103	98	93	99	95	92	84
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	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: 28.2°C
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

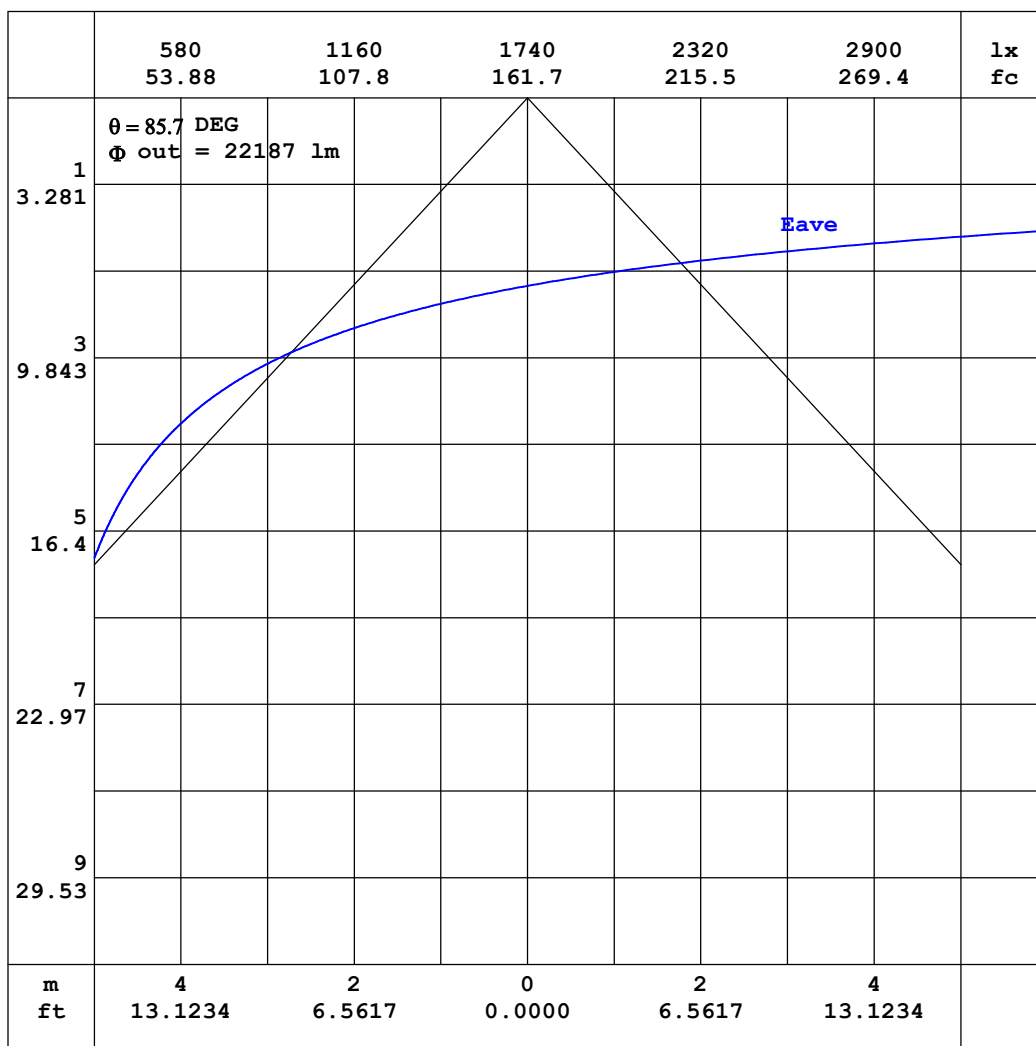


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°C
Operators:DAMIN
Test Date:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



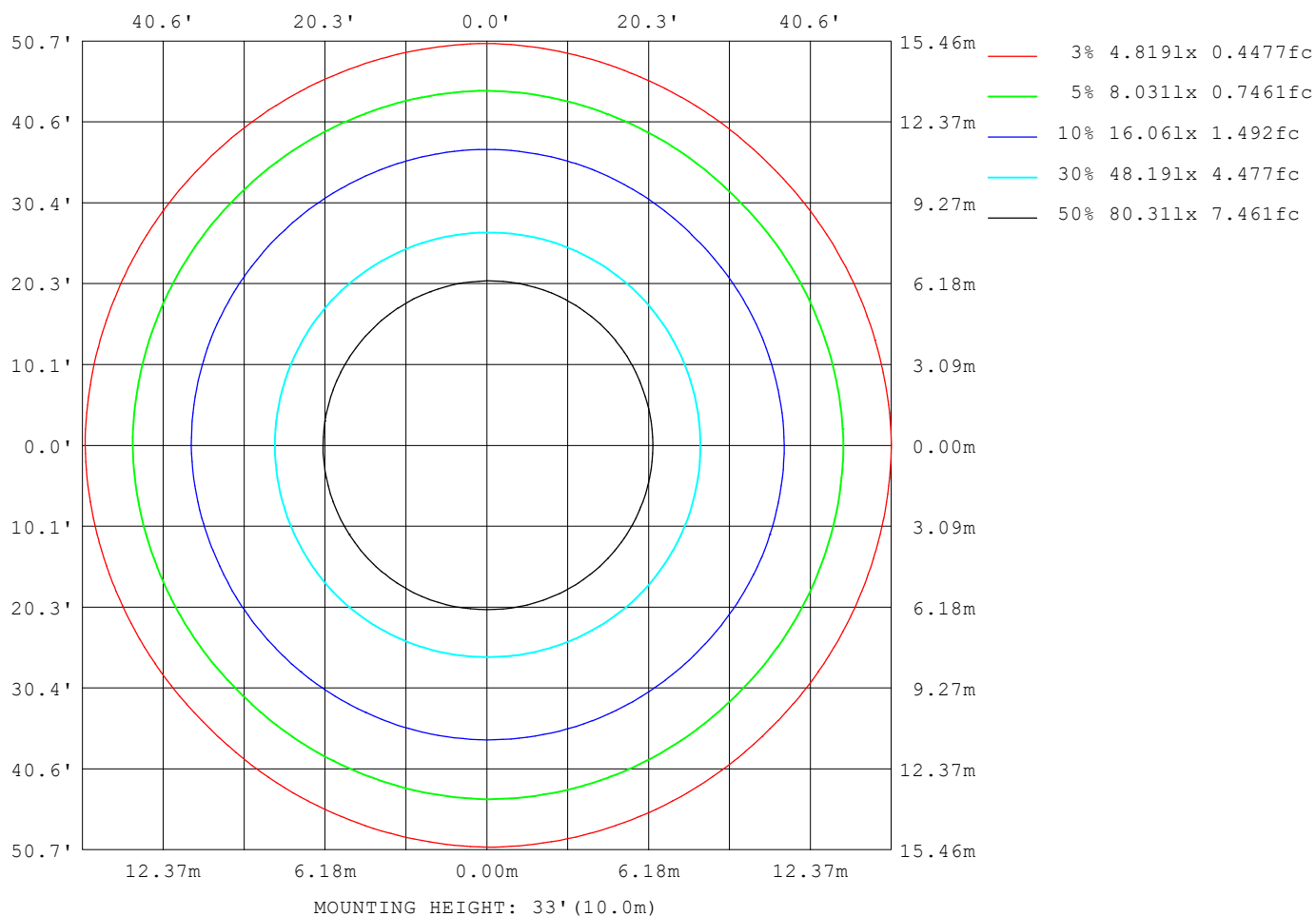
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28.2°C
 Operators: DAMIN
 Test Date: 2025-10-29

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

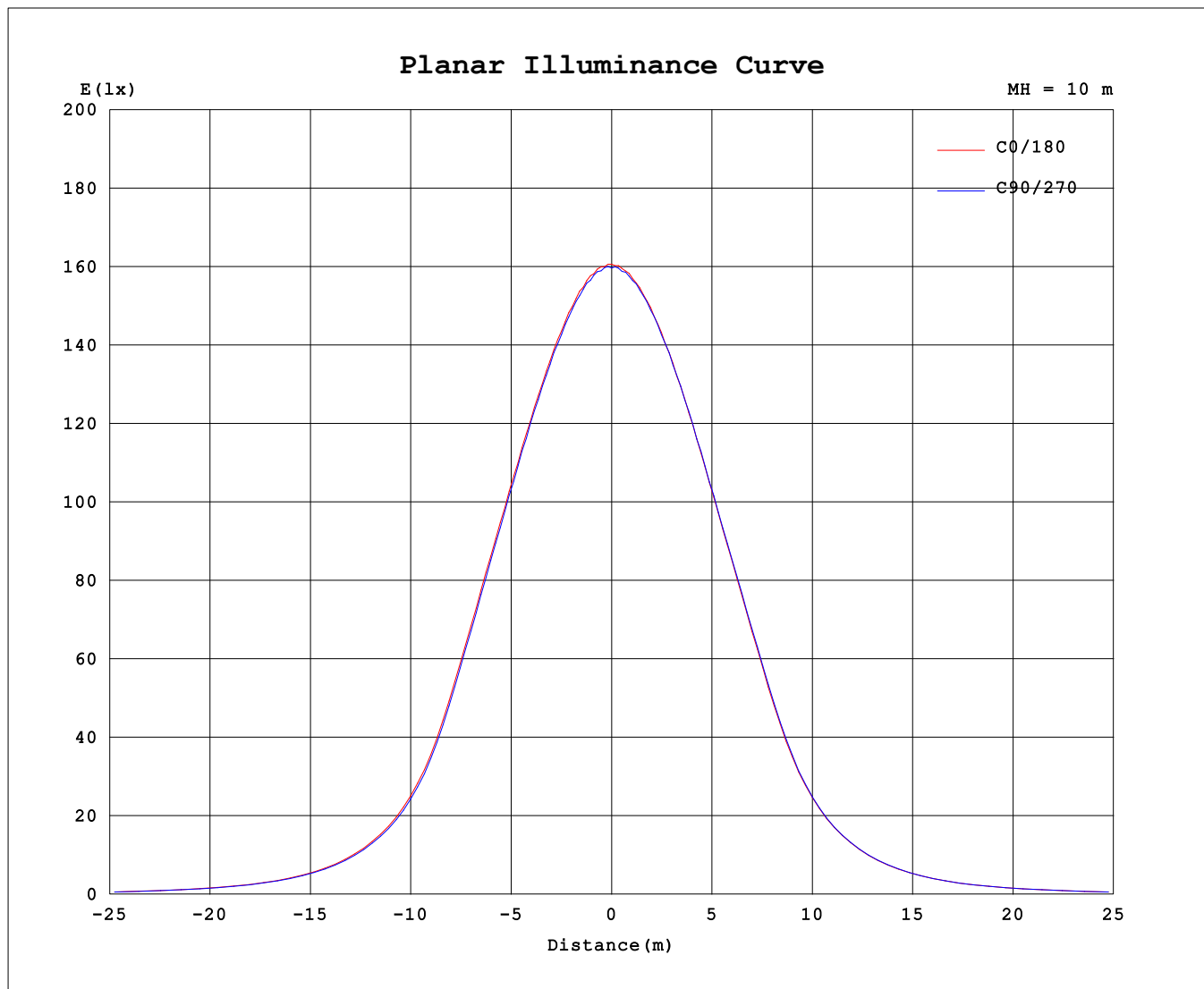
Test:U:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2°C
Operators:DAMIN
Test Date:2025-10-29

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:2025-10-29

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:118.96V I:1.6602A P:197.11W PF:0.9980 Freq:60.01Hz Lamp Flux:31222.4x1 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	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600			
5	1595	1599	1597	1597	1600	1592	1597	1593	1595	1590	1598	1592	1597	1596	1595	1600			
10	1585	1583	1587	1580	1587	1579	1582	1581	1579	1577	1581	1576	1585	1580	1586	1587			
15	1564	1558	1565	1558	1561	1559	1555	1557	1552	1555	1553	1556	1561	1559	1566	1563			
20	1528	1526	1524	1524	1524	1523	1520	1515	1517	1516	1517	1519	1523	1528	1531	1532			
25	1473	1474	1473	1469	1471	1465	1466	1457	1459	1454	1461	1459	1470	1474	1478	1482			
30	1391	1389	1392	1379	1382	1377	1376	1371	1366	1363	1367	1367	1381	1385	1397	1396			
35	1243	1243	1246	1233	1226	1229	1228	1225	1215	1215	1215	1221	1233	1244	1255	1247			
40	985	992	993	977	964	969	976	968	967	971	977	977	982	995	1000	993			
45	708	711	704	694	689	686	691	686	696	702	708	702	705	707	699	705			
50	507	500	492	491	493	481	476	481	493	494	492	492	500	490	483	497			
55	352	344	339	341	342	331	323	331	340	338	335	338	345	334	331	341			
60	240	235	232	234	235	228	221	229	232	229	228	230	233	227	227	233			
65	160	158	157	157	158	153	149	153	155	153	154	155	156	152	154	157			
70	103	102	102	102	102	99.7	97.7	99.8	99.9	99.6	101	100	100	98.3	100	102			
75	61.6	61.3	61.9	61.7	61.4	60.5	59.7	60.8	60.3	60.8	61.4	61.0	59.9	59.3	60.7	61.4			
80	30.5	30.7	31.2	31.1	30.9	30.6	30.4	30.7	30.5	30.8	31.1	30.5	29.6	29.5	30.3	30.7			
85	8.21	8.34	8.68	8.62	8.61	8.43	8.49	8.56	8.52	8.43	8.47	8.20	8.06	7.93	8.13	8.27			
90	0.36	0.37	0.38	0.37	0.36	0.33	0.31	0.29	0.33	0.32	0.32	0.32	0.34	0.36	0.39	0.41			
95	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
100	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
105	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.16	0.17	0.17	0.16	0.16	0.15	0.16	0.16			
110	0.48	0.48	0.49	0.48	0.49	0.49	0.48	0.49	0.21	0.24	0.23	0.21	0.22	0.20	0.21	0.21			
115	0.72	0.72	0.73	0.73	0.73	0.73	0.71	0.73	0.26	0.28	0.26	0.27	0.26	0.25	0.27	0.26			
120	1.02	1.03	1.03	1.03	1.03	1.04	1.03	1.04	0.34	0.34	0.34	0.35	0.33	0.33	0.33	0.33			
125	1.37	1.37	1.37	1.37	1.39	1.39	1.40	1.40	0.48	0.48	0.48	0.48	0.47	0.46	0.47	0.47			
130	1.72	1.70	1.71	1.72	1.74	1.74	1.74	1.75	0.68	0.68	0.68	0.68	0.67	0.66	0.66	0.67			
135	2.08	2.07	2.07	2.10	2.10	2.11	2.12	2.12	0.96	0.96	0.96	0.96	0.95	0.94	0.94	0.95			
140	2.49	2.47	2.48	2.50	2.52	2.51	2.53	2.53	1.28	1.28	1.27	1.27	1.27	1.26	1.25	1.27			
145	2.91	2.88	2.90	2.90	2.93	2.93	2.94	2.96	1.64	1.63	1.63	1.62	1.62	1.61	1.60	1.61			
150	3.34	3.30	3.33	3.32	3.34	3.34	3.35	3.38	2.10	2.11	2.10	2.09	2.10	2.07	2.07	2.07			
155	3.76	3.72	3.74	3.75	3.76	3.75	3.77	3.78	2.86	2.88	2.87	2.87	2.87	2.85	2.84	2.84			
160	4.32	4.29	4.32	4.31	4.33	4.31	4.34	4.35	4.47	4.50	4.50	4.49	4.47	4.45	4.44	4.46			
165	5.41	5.36	5.41	5.38	5.42	5.40	5.41	5.44	7.85	7.86	7.89	7.84	7.86	7.82	7.81	7.83			
170	7.57	7.53	7.56	7.55	7.57	7.56	7.56	7.61	16.5	16.5	16.5	16.5	16.5	16.4	16.4	16.4			
175	10.2	10.2	10.2	10.2	10.3	10.2	10.3	10.3	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1			
180	13.2	13.2	13.3	13.2	13.2	13.2	13.2	13.1	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28.2℃
Operators:DAMIN
Test Date:2025-10-29

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: