

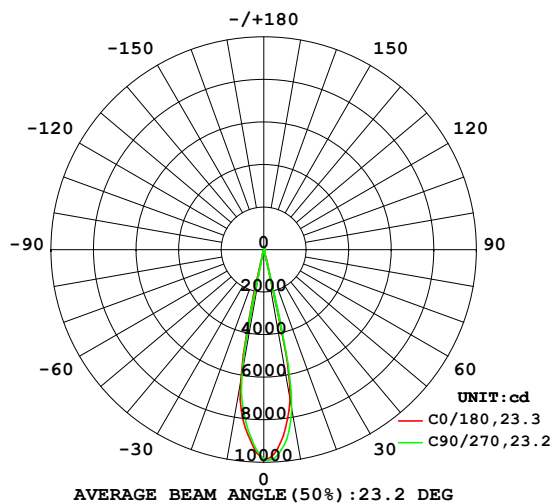
TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

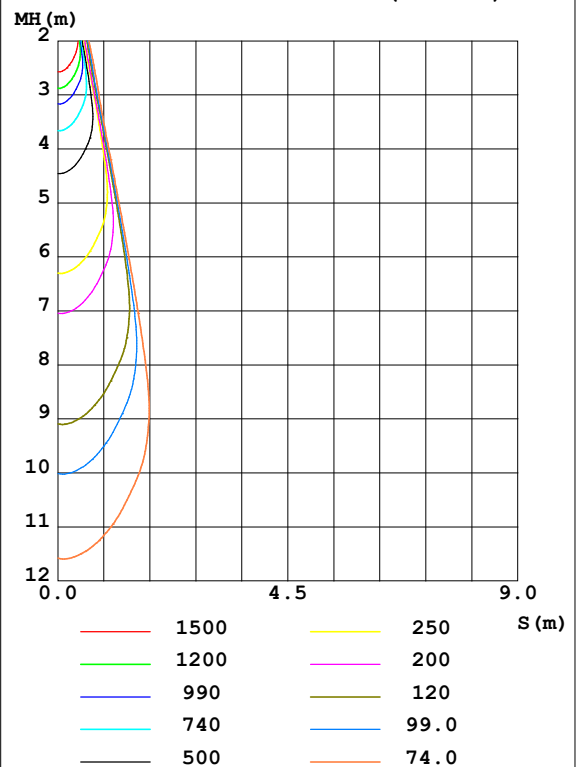
NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.59 lm/W			
MODEL	CMA1516-30G-H-NOU	Imax(cd)	9946	S/MH(C0/180)	0.32
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.31
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	1287.7	$\eta$ UP,DN(C0-180)	1.2,54.2
NOMINAL FLUX(lm)	1287.73	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.2,43.4
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	$\eta$ down(%)	97.6	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	7146	7609	7612	6950	6284	5902	5968	6620	0- 10	790.2	790.2	61.4, 61.4
20	116.4	126.4	119.1	96.82	83.00	79.44	84.86	100.4	10- 20	422.9	1213	94.2, 94.2
30	21.42	22.10	21.44	19.23	17.46	17.11	18.04	19.93	20- 30	19.98	1233	95.8, 95.8
40	8.553	8.691	8.554	8.303	7.844	7.662	7.903	8.354	30- 40	7.699	1241	96.3, 96.3
50	5.500	5.491	5.507	5.564	5.384	5.167	5.251	5.465	40- 50	5.192	1246	96.8, 96.8
60	4.041	4.057	3.999	3.869	3.708	3.698	3.823	3.987	50- 60	4.049	1250	97.1, 97.1
70	2.957	3.007	3.018	2.883	2.699	2.612	2.646	2.804	60- 70	3.376	1253	97.3, 97.3
80	1.363	1.413	1.463	1.406	1.264	1.121	1.117	1.202	70- 80	2.197	1256	97.5, 97.5
90	0.2615	0.2532	0.2666	0.2508	0.2568	0.2393	0.2574	0.2365	80- 90	0.6636	1256	97.6, 97.6
100	0.2941	0.2929	0.2902	0.2931	0.3256	0.3329	0.3167	0.3271	90-100	0.3026	1257	97.6, 97.6
110	0.3310	0.3188	0.3151	0.3099	0.3253	0.3117	0.3232	0.3191	100-110	0.3367	1257	97.6, 97.6
120	0.3120	0.2996	0.3227	0.3191	0.2825	0.2767	0.2786	0.2742	110-120	0.2999	1257	97.6, 97.6
130	1.407	1.252	1.333	1.706	1.704	1.876	1.771	1.382	120-130	0.4773	1258	97.7, 97.7
140	9.882	9.430	9.601	10.44	10.44	10.89	10.76	9.876	130-140	4.061	1262	98, 98
150	19.47	19.31	19.54	20.00	20.00	20.24	20.21	19.73	140-150	9.540	1271	98.7, 98.7
160	21.86	21.55	22.21	22.03	22.44	22.14	22.46	21.02	150-160	9.840	1281	99.5, 99.5
170	15.06	15.69	15.89	16.09	15.43	14.87	14.01	13.28	160-170	5.601	1287	99.9, 99.9
180	5.833	5.952	5.575	5.830	5.822	5.934	5.561	5.820	170-180	1.068	1288	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

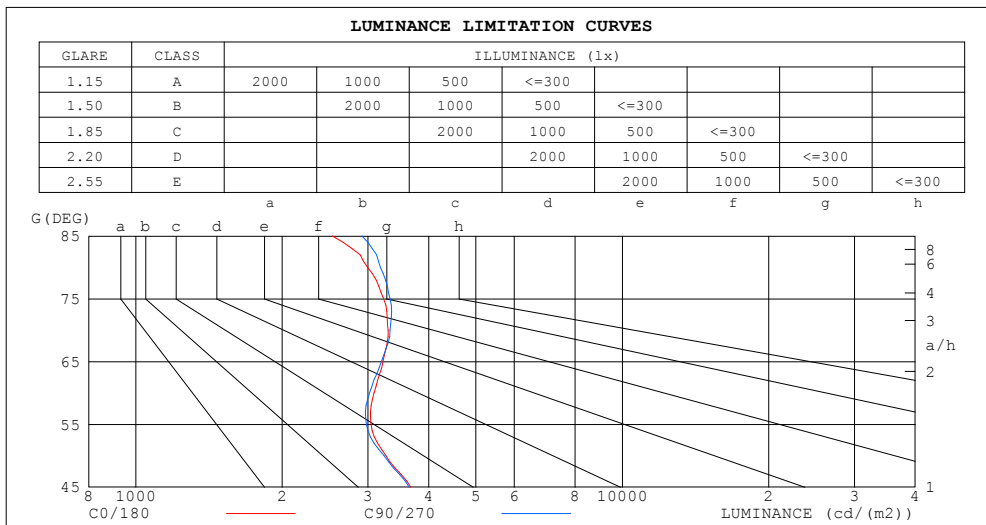
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: LXJ  
 Test Date: 2025-02-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 5.190m [K=1.0000]  
 Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

## LUMINANCE LIMITATION CURVES

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2535	2914
80	2997	3182
75	3234	3330
70	3302	3333
65	3222	3199
60	3087	3021
55	3045	2978
50	3268	3236
45	3678	3650

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

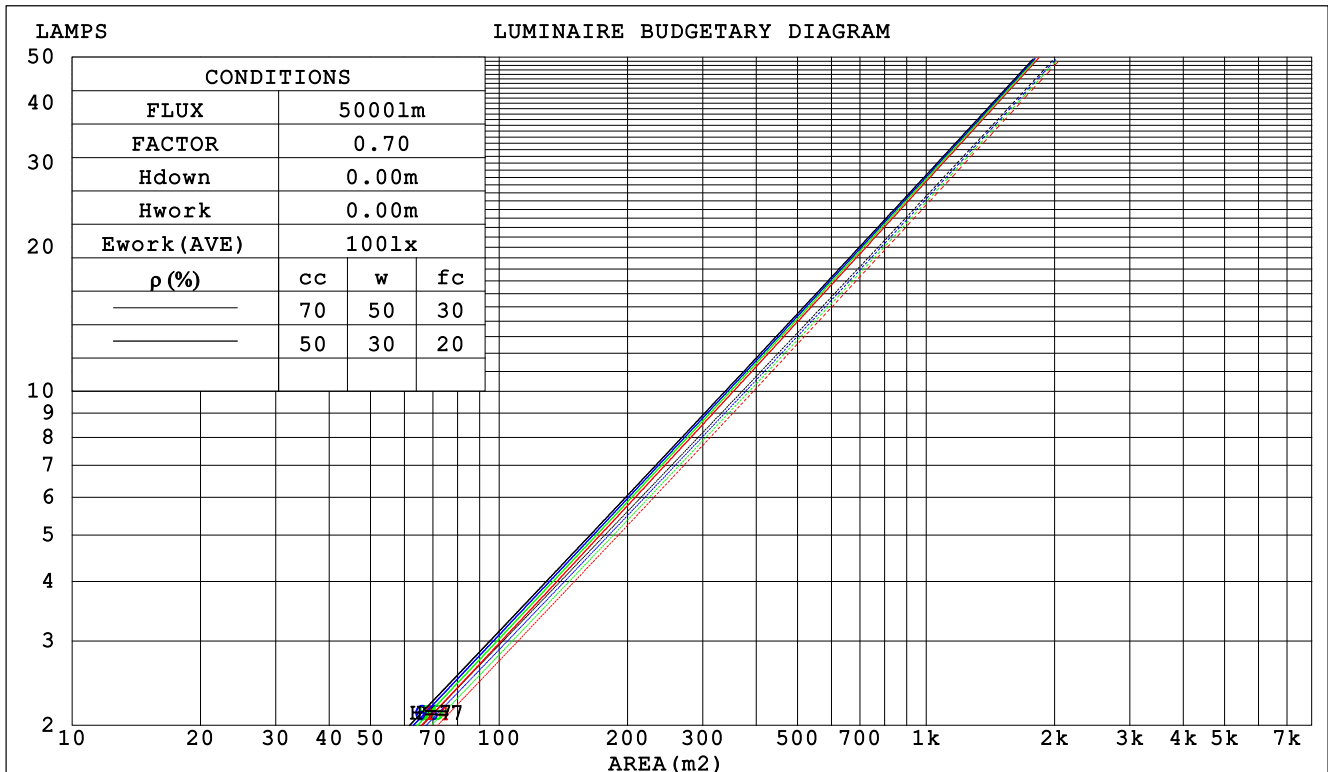
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.13	1.12	1.10	1.11	1.09	1.08	1.06	1.05	1.04	1.02	1.02	1.01	.99	.98	.98	.96
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.05	1.02	1.00	1.04	1.01	.99	1.01	.99	.97	.99	.97	.96	.96	.95	.94	.93
4.0	1.03	.99	.97	1.01	.98	.96	.99	.97	.95	.97	.95	.94	.95	.94	.92	.91
5.0	1.00	.97	.94	.99	.96	.94	.97	.95	.93	.96	.94	.92	.94	.92	.91	.90
6.0	.98	.95	.92	.97	.94	.92	.96	.93	.91	.94	.92	.90	.93	.91	.90	.89
7.0	.96	.93	.90	.95	.92	.90	.94	.91	.90	.93	.91	.89	.92	.90	.88	.88
8.0	.94	.91	.89	.94	.91	.89	.93	.90	.88	.92	.89	.88	.91	.89	.87	.86
9.0	.93	.90	.87	.92	.89	.87	.91	.89	.87	.90	.88	.87	.90	.88	.86	.85
10.0	.91	.88	.86	.91	.88	.86	.90	.88	.86	.89	.87	.85	.89	.87	.85	.84



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

### WEC AND CCEC

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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	.119	.068	.022	.112	.064	.020	.098	.057	.018	.086	.050	.016	.074	.043	.014		
2.0	.108	.059	.018	.102	.056	.017	.091	.050	.016	.080	.045	.014	.071	.040	.013		
3.0	.099	.053	.016	.094	.050	.015	.084	.046	.014	.075	.041	.013	.067	.037	.012		
4.0	.091	.047	.014	.087	.045	.013	.078	.042	.012	.071	.038	.012	.064	.035	.011		
5.0	.084	.043	.012	.080	.041	.012	.074	.038	.011	.067	.035	.011	.061	.033	.010		
6.0	.078	.039	.011	.075	.038	.011	.069	.036	.010	.064	.033	.010	.059	.031	.009		
7.0	.073	.036	.010	.071	.035	.010	.066	.033	.010	.061	.031	.009	.056	.029	.009		
8.0	.069	.034	.009	.067	.033	.009	.062	.031	.009	.058	.029	.008	.054	.028	.008		
9.0	.065	.032	.009	.063	.031	.009	.059	.029	.008	.055	.028	.008	.052	.026	.008		
10.0	.062	.030	.008	.060	.029	.008	.057	.028	.008	.053	.026	.008	.050	.025	.007		

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	.186	.177	.168	.159	.152	.145	.109	.104	.100	.063	.060	.058	.020	.019	.019	
2.0	.167	.152	.139	.143	.131	.120	.098	.090	.084	.056	.053	.049	.018	.017	.016	
3.0	.151	.132	.118	.129	.114	.102	.089	.079	.071	.051	.046	.042	.016	.015	.014	
4.0	.137	.117	.101	.117	.101	.088	.081	.070	.062	.047	.041	.037	.015	.013	.012	
5.0	.125	.104	.088	.108	.090	.077	.074	.063	.054	.043	.037	.032	.014	.012	.011	
6.0	.116	.094	.078	.099	.081	.068	.069	.057	.048	.040	.033	.029	.013	.011	.009	
7.0	.107	.085	.070	.092	.074	.061	.064	.052	.043	.037	.030	.026	.012	.010	.008	
8.0	.100	.078	.063	.086	.068	.055	.060	.048	.039	.035	.028	.023	.011	.009	.008	
9.0	.094	.072	.057	.081	.063	.050	.056	.044	.036	.033	.026	.021	.011	.009	.007	
10.0	.089	.067	.053	.076	.058	.046	.053	.041	.033	.031	.024	.020	.010	.008	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

UGR(Unified Glare Rating) Table

NAME: TLO020-41					TYPE:3000K CRI90 23.2D					WEIGHT:1				
SPEC.:ES/LD020H-CU05040-M26D					DIM.:					SERIAL No.:				
MFR.: ENCORE					SUR.:54					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					3.1	3.6	3.4	3.8	4.0	3.1	3.6	3.3	3.8	3.9
3H					4.9	5.4	5.2	5.6	5.8	4.9	5.4	5.2	5.6	5.8
4H					5.7	6.2	6.0	6.4	6.7	5.8	6.2	6.0	6.5	6.7
6H					6.3	6.8	6.6	7.0	7.3	6.4	6.8	6.7	7.1	7.4
8H					6.5	6.9	6.9	7.2	7.5	6.6	7.1	7.0	7.3	7.6
12H					6.6	7.1	7.0	7.3	7.7	6.8	7.2	7.1	7.5	7.8
4H 2H					3.9	4.3	4.1	4.5	4.8	3.8	4.3	4.1	4.5	4.8
3H					5.9	6.3	6.2	6.6	6.9	5.9	6.3	6.2	6.6	6.9
4H					6.8	7.2	7.2	7.5	7.8	6.8	7.2	7.2	7.5	7.9
6H					7.5	7.8	7.9	8.2	8.6	7.6	7.9	8.0	8.3	8.7
8H					7.7	8.0	8.2	8.4	8.8	7.8	8.2	8.3	8.5	8.9
12H					7.9	8.2	8.3	8.6	9.0	8.0	8.3	8.5	8.7	9.2
8H 4H					7.1	7.4	7.5	7.8	8.2	7.1	7.5	7.6	7.8	8.2
6H					8.0	8.2	8.4	8.7	9.1	8.0	8.3	8.5	8.7	9.2
8H					8.3	8.5	8.8	9.0	9.5	8.4	8.6	8.9	9.1	9.6
12H					8.5	8.7	9.0	9.2	9.7	8.7	8.9	9.2	9.3	9.9
12H 4H					7.1	7.4	7.6	7.8	8.3	7.1	7.4	7.6	7.8	8.3
6H					8.0	8.3	8.5	8.7	9.2	8.1	8.3	8.6	8.8	9.3
8H					8.4	8.6	8.9	9.1	9.6	8.5	8.7	9.0	9.2	9.7
Variations with the observer position at spacings:														
S = 1.0H					+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H					+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H					+ 0.1 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117, 1288 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	84	80	89	83	80	88	83	80	76
0.80	96	91	88	96	91	87	94	90	87	83
1.00	100	95	92	99	94	91	97	94	91	87
1.25	104	99	96	103	98	95	100	97	94	90
1.50	106	102	99	105	101	98	102	99	97	92
2.00	109	105	102	107	103	101	104	101	99	93
2.50	110	107	104	108	105	103	105	102	101	94
3.00	112	108	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	107	107	106	104	97
5.00	115	113	111	112	111	109	108	107	106	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004 <span style="margin-left: 100px;">Suspended</span> <span style="float: right;">SHR<sub>NOM</sub> = 1.25</span>										

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

```

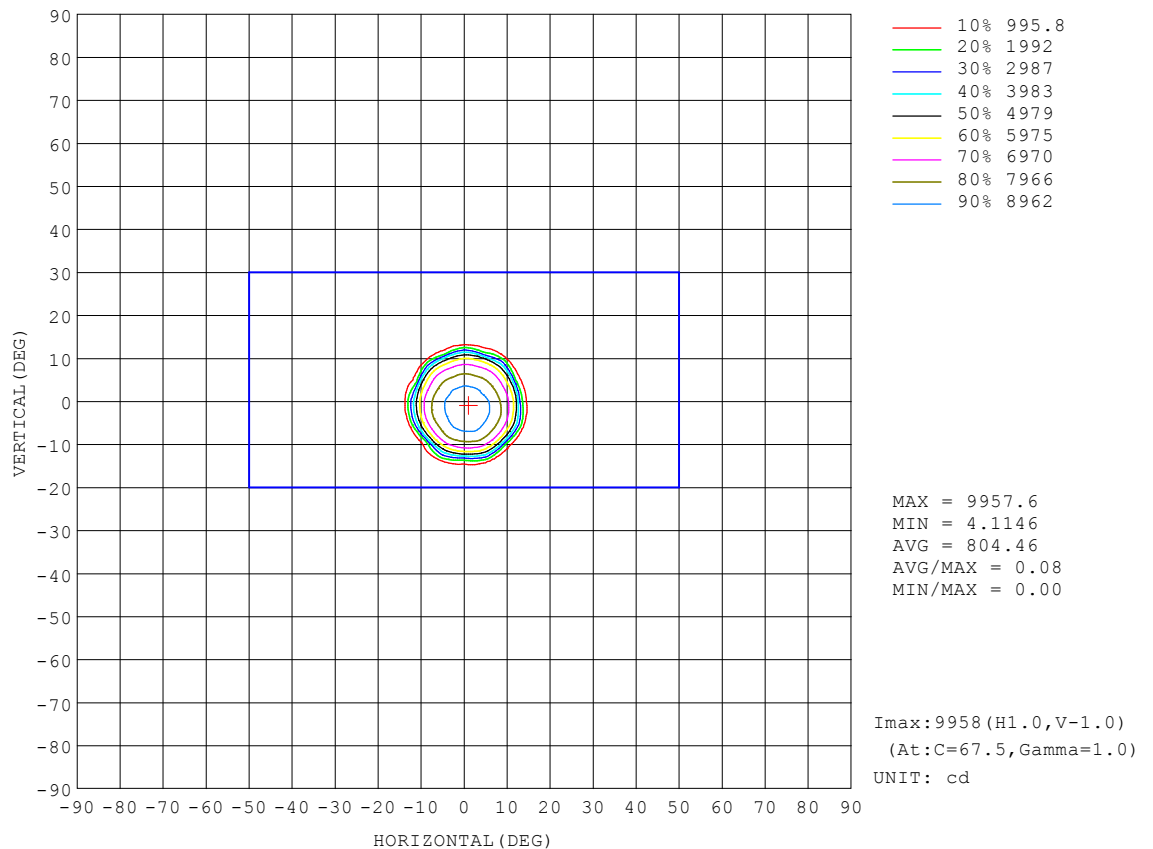
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

```

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

### ISOCANDELA DIAGRAM

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

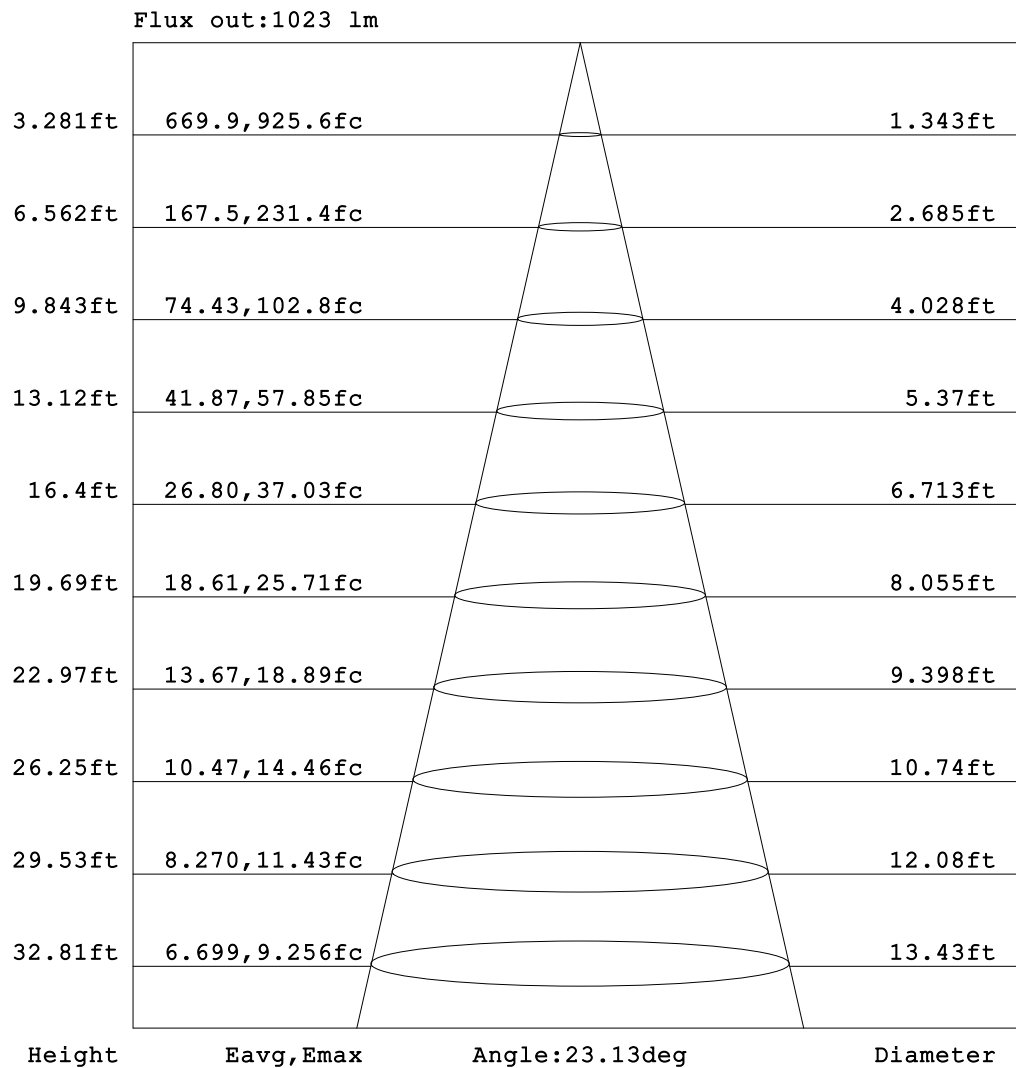
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:



TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

### AAI Figure

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



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

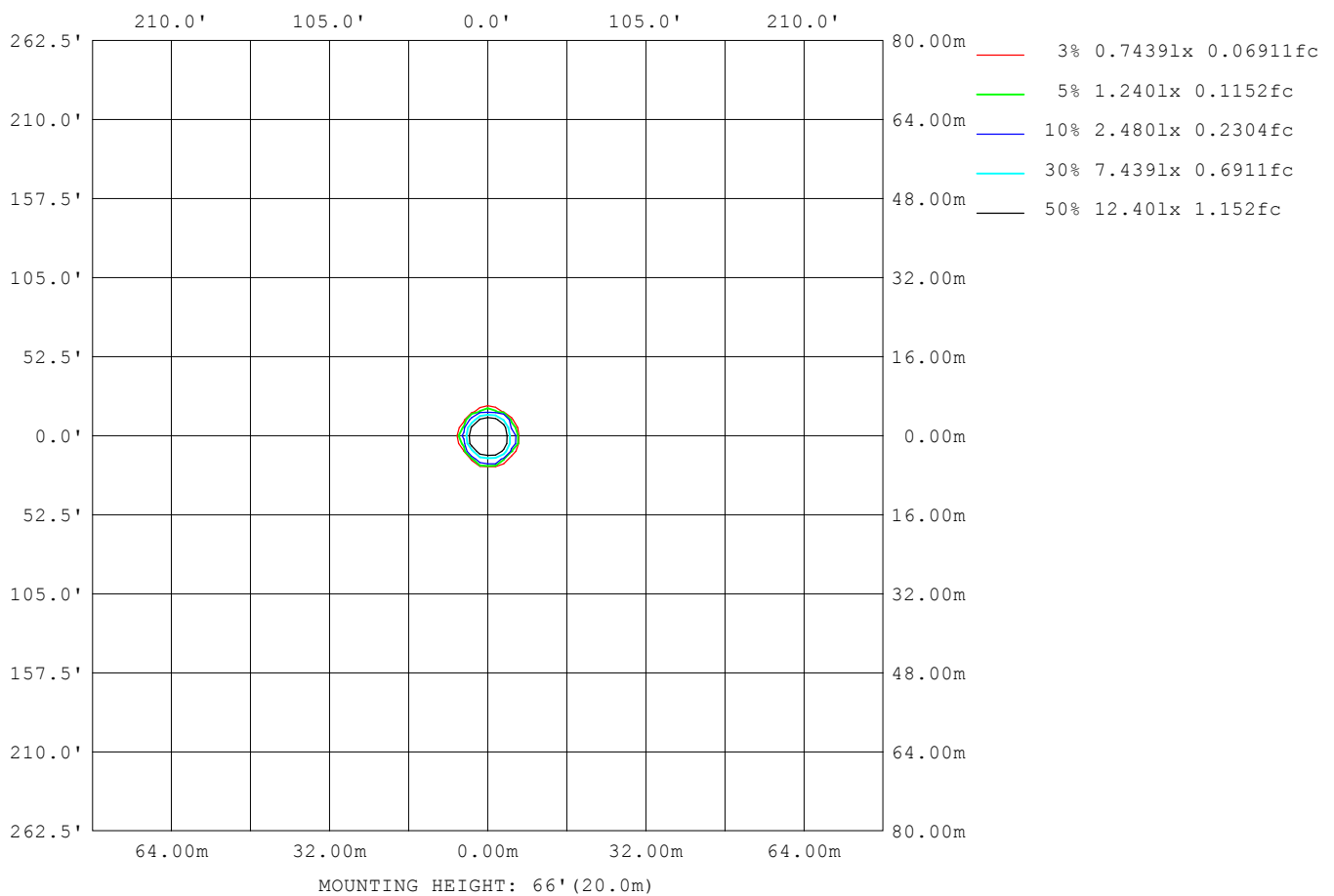
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

### ISOLUX DIAGRAM

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

## LED Avg.L Report

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	Shielding Angle:

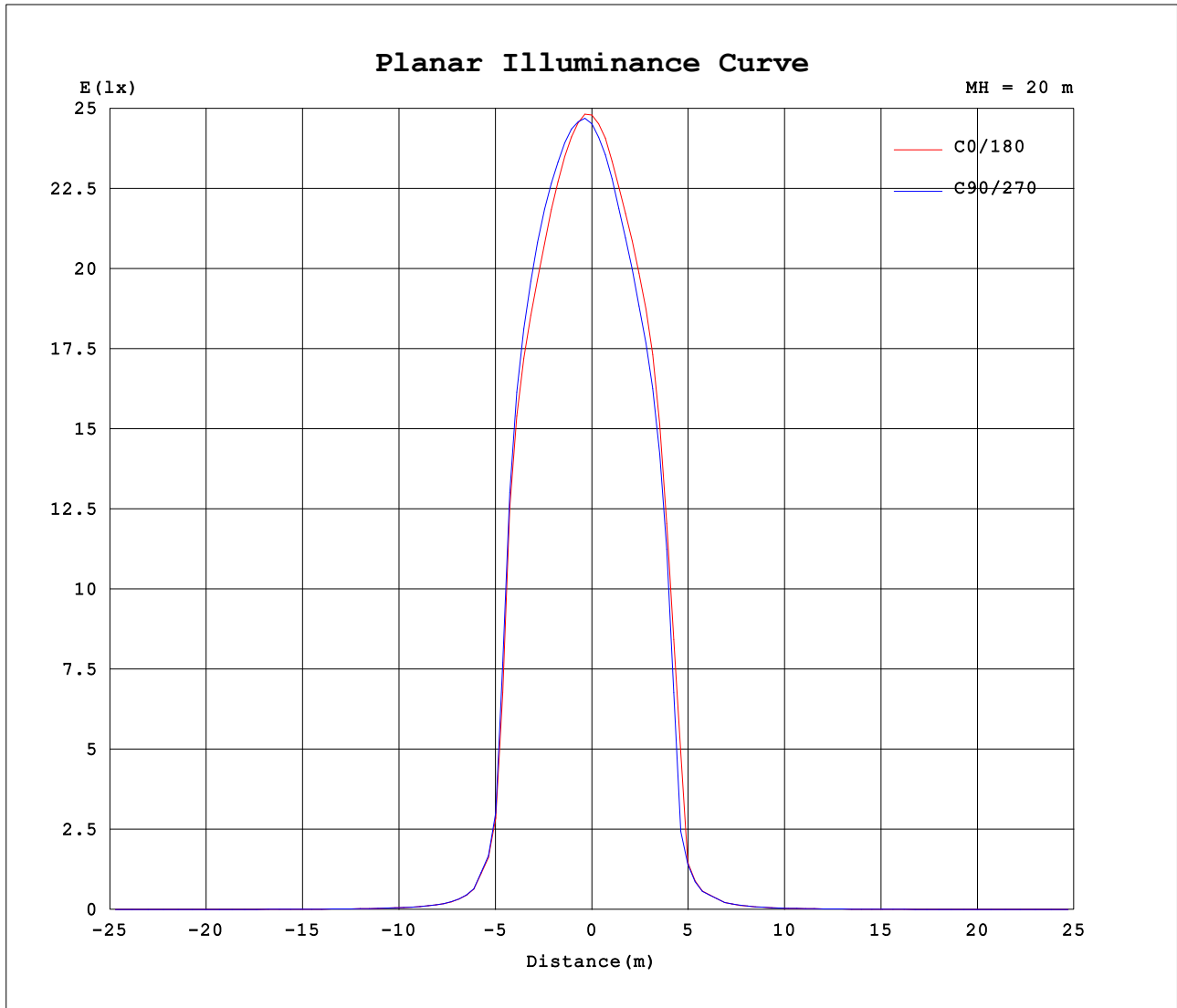
AvgL	cd/m2
L_0~180 (65) av	3050
L_0~180 (75) av	3074
L_0~180 (85) av	2368
L_90~270 (65) av	3083
L_90~270 (75) av	3044
L_90~270 (85) av	2287
L_45 (65) av	3071
L_45 (75) av	3042
L_45 (85) av	2281

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 28DEG  
 Operators: LXJ  
 Test Date: 2025-02-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 5.190m [K=1.0000]  
 Remarks:

TLO020-41 CMA1516-30G-H-NOU 3000K CRI90 20D(Actual 23.2D) NA

### LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO020-41	TYPE:3000K CRI90 23.2D	WEIGHT:1
SPEC.:ES/LD020H-CU05040-M26D	DIM.:	SERIAL No.:
MFR.: ENCORE	SUR.:54	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	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834	9834			
5	9111	9342	9412	9592	9461	9342	9106	8953	8714	8539	8494	8431	8501	8562	8744	8843			
10	7146	7499	7609	7870	7612	7507	6950	6726	6284	5868	5902	5625	5968	6115	6620	6797			
15	716	852	831	976	750	707	572	465	394	453	359	425	388	465	540	723			
20	116	145	126	151	119	116	96.8	92.0	83.0	76.8	79.4	76.3	84.9	87.6	100	105			
25	42.2	45.4	44.5	47.0	43.0	41.8	36.9	35.9	33.0	31.4	32.1	31.5	33.9	34.9	38.4	39.7			
30	21.4	22.4	22.1	22.8	21.4	20.9	19.2	18.8	17.5	16.9	17.1	17.0	18.0	18.4	19.9	20.4			
35	12.5	13.0	12.9	13.1	12.5	12.3	11.6	11.4	10.8	10.4	10.5	10.5	11.0	11.2	11.9	12.1			
40	8.55	8.76	8.69	8.80	8.55	8.53	8.30	8.13	7.84	7.71	7.66	7.72	7.90	8.03	8.35	8.42			
45	6.81	6.90	6.81	6.91	6.83	6.93	6.92	6.83	6.69	6.57	6.44	6.41	6.51	6.56	6.77	6.75			
50	5.50	5.57	5.49	5.58	5.51	5.60	5.56	5.54	5.38	5.23	5.17	5.15	5.25	5.30	5.47	5.44			
55	4.57	4.62	4.58	4.61	4.52	4.53	4.48	4.45	4.32	4.25	4.24	4.28	4.37	4.44	4.55	4.54			
60	4.04	4.07	4.06	4.07	4.00	3.95	3.87	3.80	3.71	3.70	3.70	3.76	3.82	3.90	3.99	4.00			
65	3.57	3.61	3.61	3.64	3.58	3.53	3.42	3.35	3.24	3.25	3.22	3.24	3.30	3.36	3.47	3.50			
70	2.96	3.03	3.01	3.07	3.02	3.00	2.88	2.83	2.70	2.68	2.61	2.59	2.65	2.69	2.80	2.84			
75	2.19	2.27	2.24	2.31	2.28	2.29	2.19	2.17	2.01	1.96	1.87	1.84	1.88	1.92	2.01	2.04			
80	1.36	1.44	1.41	1.49	1.46	1.48	1.41	1.40	1.26	1.20	1.12	1.08	1.12	1.12	1.20	1.23			
85	0.58	0.64	0.64	0.69	0.67	0.70	0.64	0.62	0.51	0.43	0.38	0.33	0.38	0.37	0.44	0.44			
90	0.26	0.26	0.25	0.26	0.27	0.26	0.25	0.26	0.26	0.22	0.24	0.23	0.26	0.23	0.24	0.22			
95	0.26	0.28	0.25	0.27	0.27	0.27	0.26	0.28	0.31	0.28	0.29	0.28	0.30	0.27	0.29	0.26			
100	0.29	0.30	0.29	0.30	0.29	0.30	0.29	0.30	0.33	0.33	0.33	0.32	0.32	0.32	0.33	0.32			
105	0.32	0.31	0.31	0.30	0.31	0.31	0.31	0.32	0.33	0.32	0.33	0.33	0.32	0.34	0.33	0.33			
110	0.33	0.31	0.32	0.31	0.32	0.30	0.31	0.30	0.33	0.32	0.31	0.33	0.32	0.33	0.32	0.33			
115	0.31	0.30	0.31	0.30	0.32	0.30	0.31	0.30	0.29	0.30	0.29	0.29	0.28	0.30	0.29	0.31			
120	0.31	0.30	0.30	0.30	0.32	0.30	0.32	0.30	0.28	0.28	0.28	0.27	0.28	0.28	0.27	0.27			
125	0.35	0.36	0.34	0.35	0.35	0.38	0.38	0.41	0.39	0.38	0.39	0.40	0.38	0.36	0.34	0.31			
130	1.41	1.22	1.25	1.15	1.33	1.39	1.71	1.77	1.70	1.93	1.88	2.04	1.77	1.72	1.38	1.30			
135	4.91	4.55	4.56	4.37	4.69	4.83	5.37	5.56	5.30	5.69	5.69	5.92	5.55	5.39	4.80	4.60			
140	9.88	9.53	9.43	9.29	9.60	9.88	10.4	10.8	10.4	10.8	10.9	11.2	10.8	10.5	9.88	9.63			
145	15.2	14.9	14.9	14.7	15.1	15.3	15.9	16.1	15.8	16.2	16.2	16.5	16.1	15.9	15.3	15.0			
150	19.5	19.3	19.3	19.3	19.5	19.7	20.0	20.1	20.0	20.3	20.2	20.4	20.2	20.1	19.7	19.6			
155	21.2	21.2	21.2	21.3	21.3	21.4	21.5	21.6	21.5	21.7	21.7	21.9	21.8	21.7	21.5	21.4			
160	21.9	21.7	21.5	21.9	22.2	22.2	22.0	22.2	22.4	22.4	22.1	22.4	22.5	21.8	21.0	20.6			
165	20.0	19.9	19.9	20.4	20.9	20.8	20.3	20.4	20.6	20.1	19.9	20.2	20.2	18.9	17.9	17.6			
170	15.1	15.5	15.7	16.2	15.9	16.3	16.1	15.9	15.4	15.5	14.9	14.3	14.0	13.8	13.3	12.7			
175	9.40	9.76	9.89	9.87	9.41	9.76	10.1	9.88	9.43	9.39	9.19	8.46	7.93	8.06	8.04	7.39			
180	5.83	5.69	5.95	5.54	5.58	5.33	5.83	5.24	5.82	5.69	5.93	5.54	5.56	5.33	5.82	5.23			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2025-02-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks: