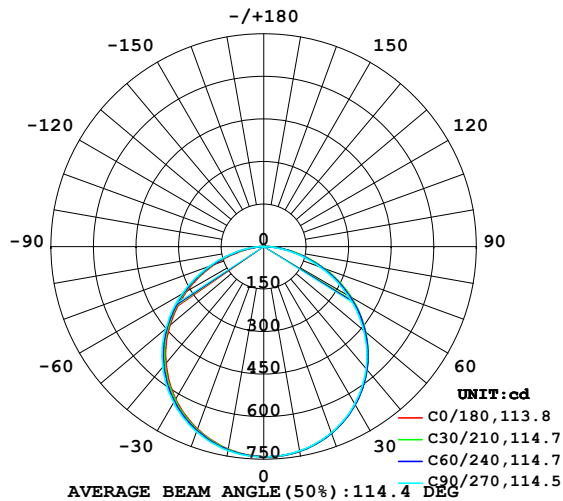


## LUMINAIRE PHOTOMETRIC TEST REPORT

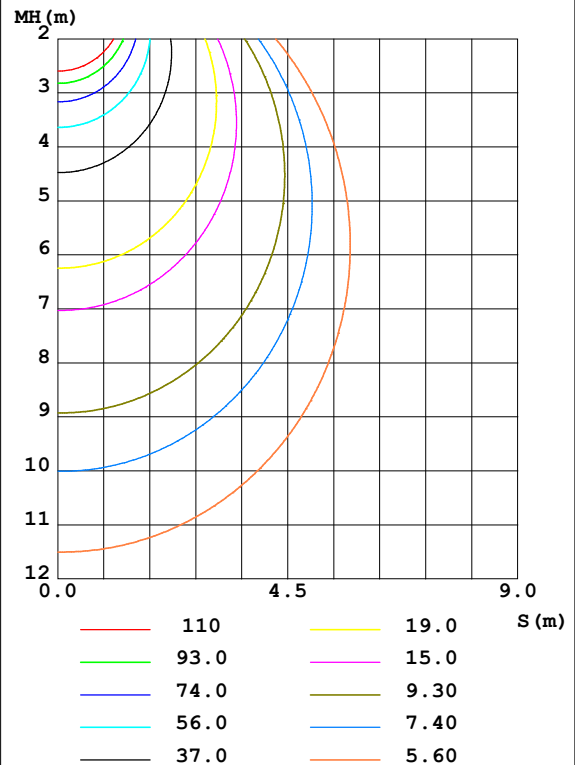
Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.40 lm/W			
MODEL		Imax(cd)	742.9	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2171.5	$\eta$ UP,DN(C0-180)	0.1,50.6
NOMINAL FLUX(lm)	2171.46	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.1,49.2
LAMPS INSIDE	1	$\eta$ up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	$\eta$ down (%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

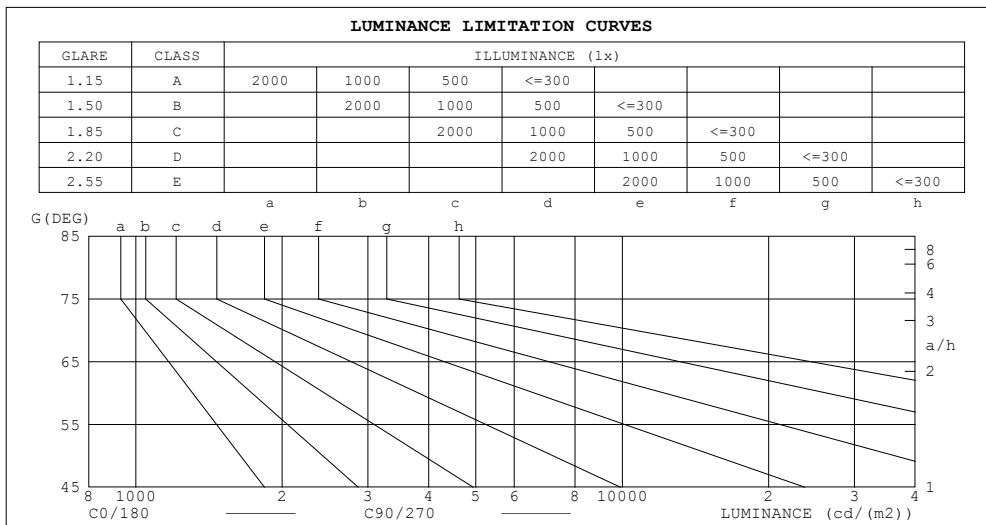
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	732.3	733.0	731.6	729.8	724.7	725.8	729.7	731.6	0- 10	70.23	70.23	3.23,3.23
20	699.3	701.4	698.2	694.2	684.3	687.2	694.2	697.2	10- 20	201.9	272.2	12.5,12.5
30	643.1	646.1	641.4	635.1	620.9	626.3	635.4	639.8	20- 30	308.0	580.2	26.7,26.7
40	565.1	568.9	561.7	554.4	536.7	543.7	554.3	560.7	30- 40	374.5	954.7	44,44
50	467.5	471.8	460.3	452.7	431.7	441.6	451.6	461.5	40- 50	391.7	1346	62,62
60	353.0	354.4	341.4	333.5	312.8	322.4	331.9	344.6	50- 60	355.1	1701	78.4,78.4
70	224.7	226.5	211.0	204.5	184.1	192.2	203.6	215.0	60- 70	270.4	1972	90.8,90.8
80	98.69	102.1	88.03	82.63	63.35	74.06	82.52	93.03	70- 80	153.8	2126	97.9,97.9
90	9.372	10.45	0.4411	5.130	2.408	4.363	0.5164	7.534	80- 90	43.01	2169	99.9,99.9
100	2.140	0.6459	0.4431	0.4656	0.2853	0.2628	0.2403	0.5693	90-100	2.784	2171	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0492	2171	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2171	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2171	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2171	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2171	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2171	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2171	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2171	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	51681	42332
80	56833	50697
75	61869	56992
70	65689	61682
65	68765	65635
60	70601	68288
55	71849	70196
50	72736	71611
45	73343	72637

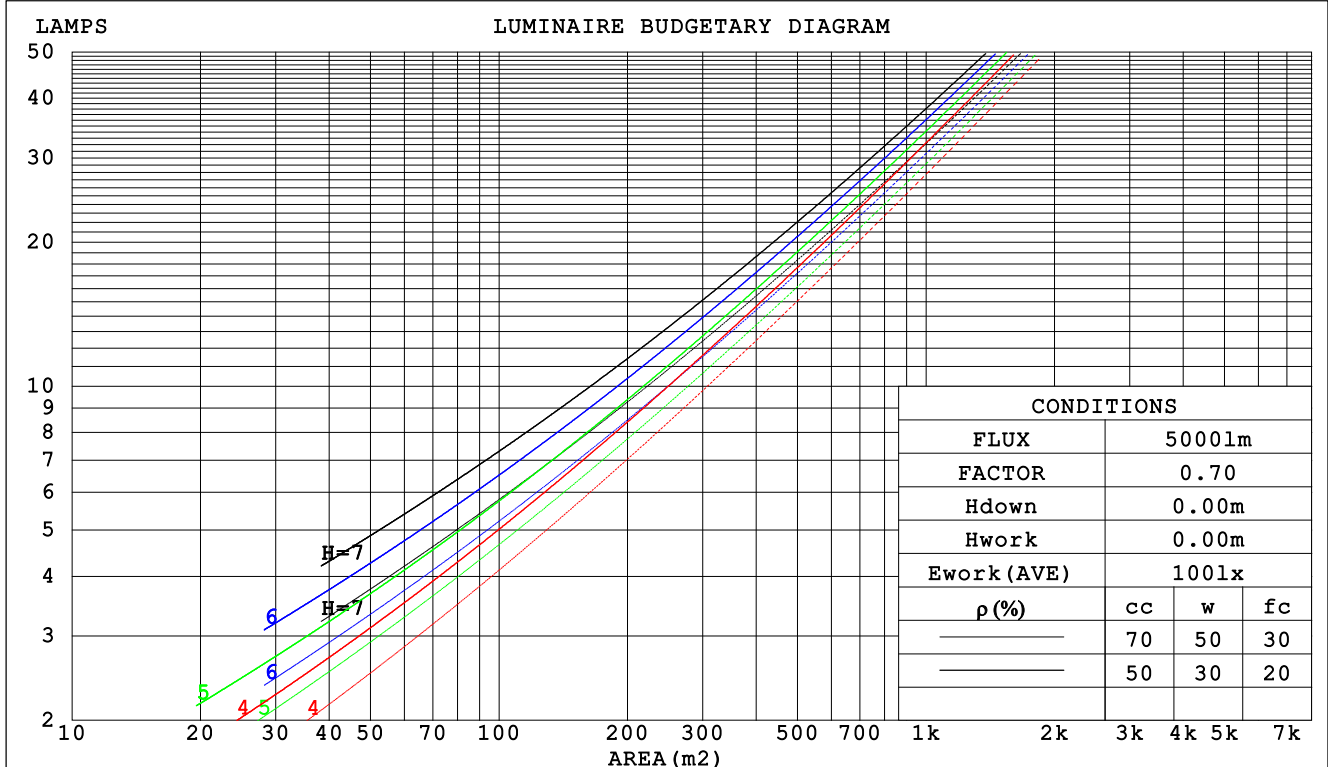
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1.19	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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm					
NAME: 24-700-40			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	.312	.177	.056	.305	.174	.055	.292	.167	.053	.279	.161	.052	.268	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.048	.265	.148	.046	.254	.144	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.246	.128	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021		

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021		
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015		
2.0	.173	.133	.099	.149	.114	.085	.102	.079	.060	.059	.046	.035	.019	.015	.011		
3.0	.166	.115	.075	.142	.099	.065	.098	.069	.046	.056	.040	.027	.018	.013	.009		
4.0	.158	.102	.059	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.151	.092	.048	.129	.079	.042	.089	.055	.030	.052	.033	.018	.017	.011	.006		
6.0	.144	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005		
7.0	.137	.076	.034	.118	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004		
8.0	.130	.071	.030	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004		
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003		
10.0	.118	.061	.023	.102	.053	.020	.071	.038	.015	.041	.022	.009	.013	.007	.003		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm											
NAME: 24-700-40					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	27.9	29.5	28.2	29.7	29.9	27.8	29.3	28.1	29.5	29.7	
	3H	29.5	30.9	29.8	31.2	31.4	29.3	30.7	29.6	31.0	31.2
	4H	30.2	31.5	30.5	31.8	32.0	29.9	31.3	30.2	31.5	31.8
	6H	30.7	31.9	31.0	32.2	32.5	30.3	31.6	30.7	31.9	32.2
	8H	30.8	32.1	31.2	32.3	32.6	30.5	31.7	30.8	32.0	32.3
	12H	30.9	32.1	31.3	32.4	32.7	30.5	31.7	30.9	32.0	32.3
4H	2H	28.6	29.9	28.9	30.2	30.4	28.5	29.8	28.8	30.1	30.3
	3H	30.4	31.5	30.7	31.8	32.1	30.2	31.4	30.5	31.7	32.0
	4H	31.1	32.2	31.5	32.5	32.9	30.9	32.0	31.3	32.3	32.6
	6H	31.8	32.7	32.2	33.1	33.5	31.5	32.4	31.9	32.8	33.1
	8H	32.0	32.9	32.4	33.3	33.6	31.6	32.5	32.1	32.9	33.3
	12H	32.2	33.0	32.6	33.4	33.8	31.8	32.6	32.2	33.0	33.4
8H	4H	31.4	32.3	31.8	32.7	33.1	31.2	32.1	31.6	32.5	32.9
	6H	32.2	33.0	32.7	33.4	33.8	31.9	32.7	32.4	33.1	33.5
	8H	32.6	33.2	33.0	33.6	34.1	32.2	32.9	32.7	33.3	33.8
	12H	32.8	33.4	33.3	33.8	34.3	32.4	33.0	32.9	33.4	33.9
12H	4H	31.4	32.3	31.9	32.7	33.1	31.2	32.1	31.7	32.5	32.9
	6H	32.3	33.0	32.8	33.4	33.8	32.0	32.7	32.5	33.1	33.6
	8H	32.7	33.2	33.2	33.7	34.2	32.3	32.9	32.8	33.4	33.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 2171 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.7$ )

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

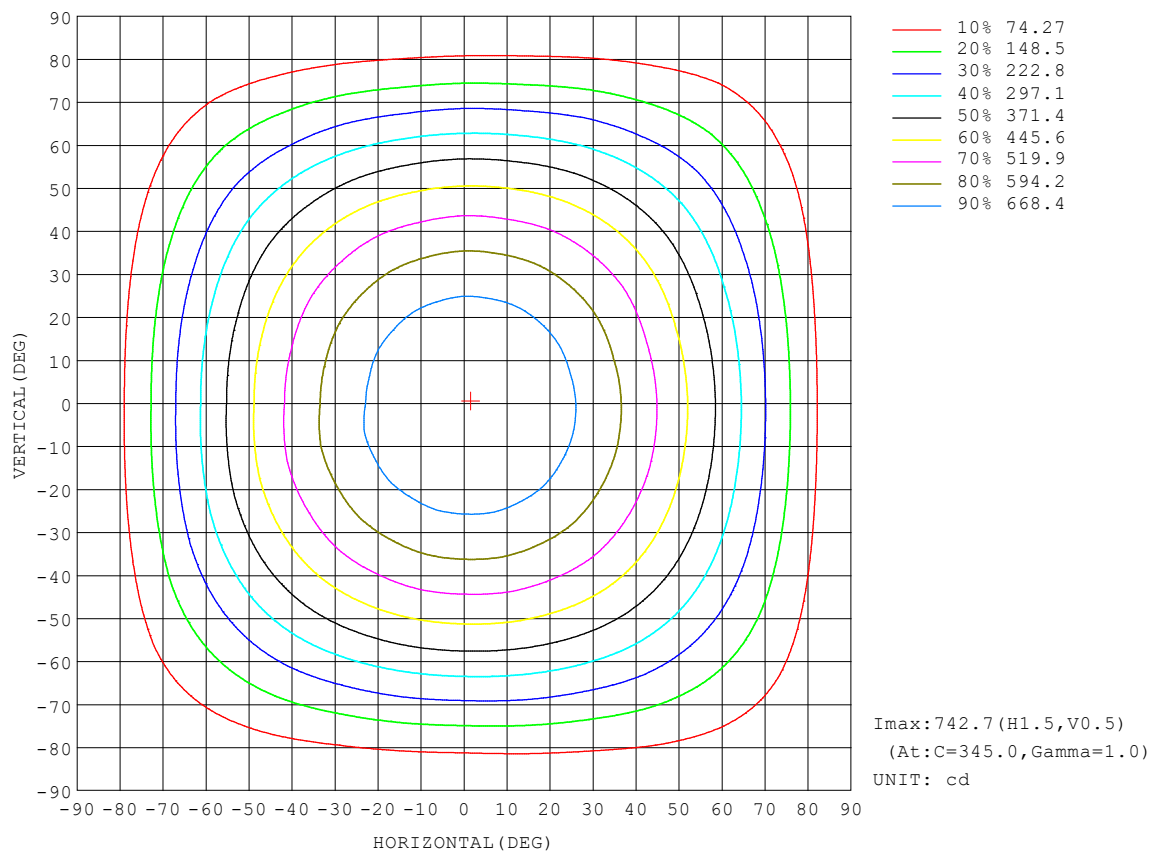
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



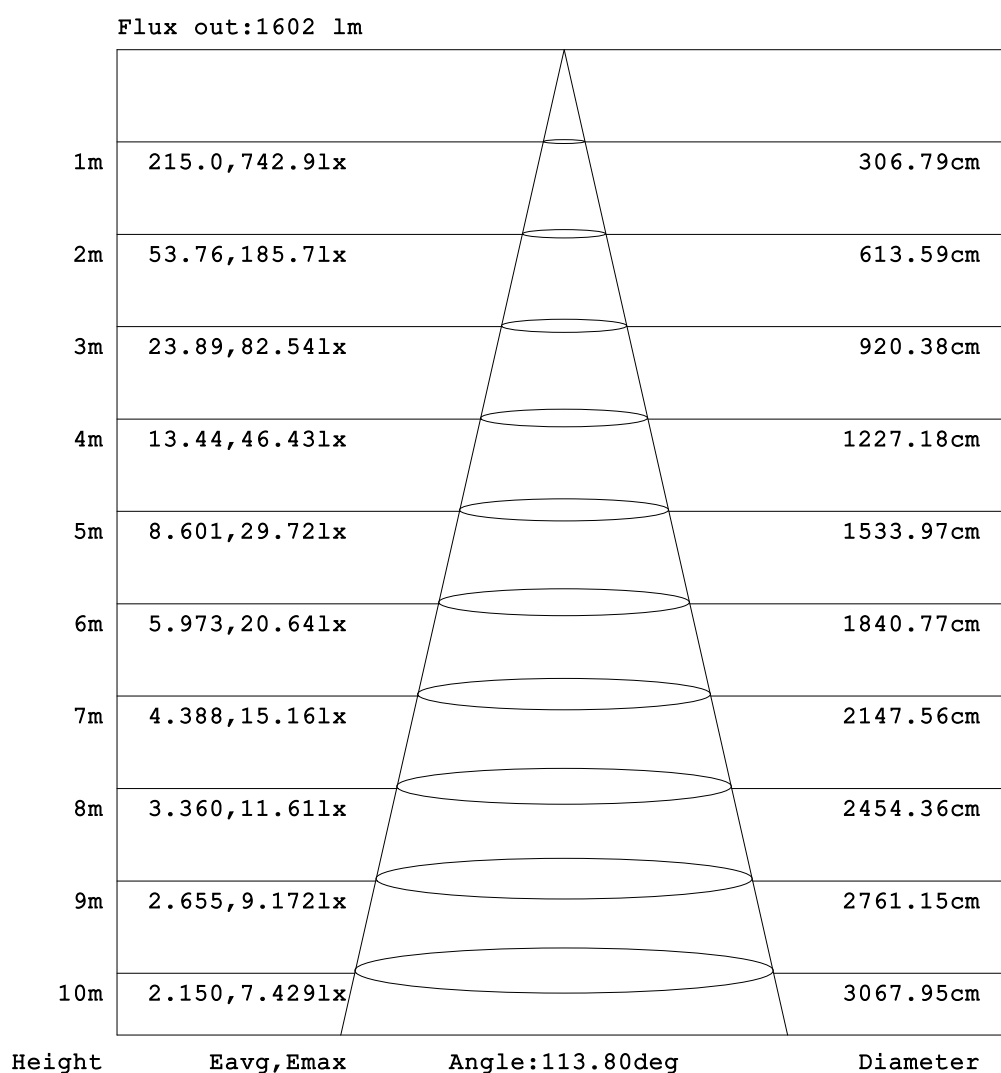
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 27DEG  
Operators: SENPU  
Test Date: 2021-07-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 8.000m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



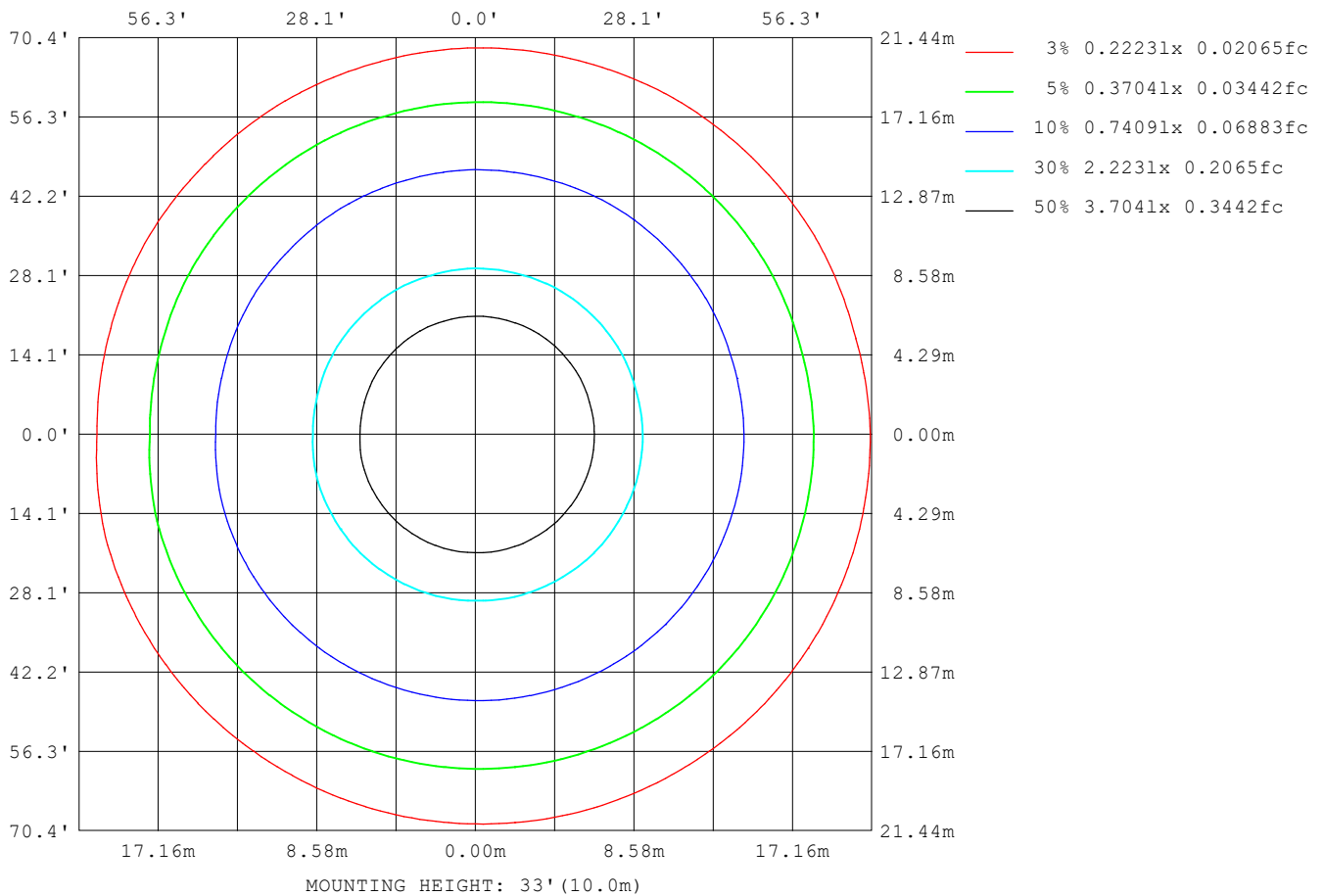
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

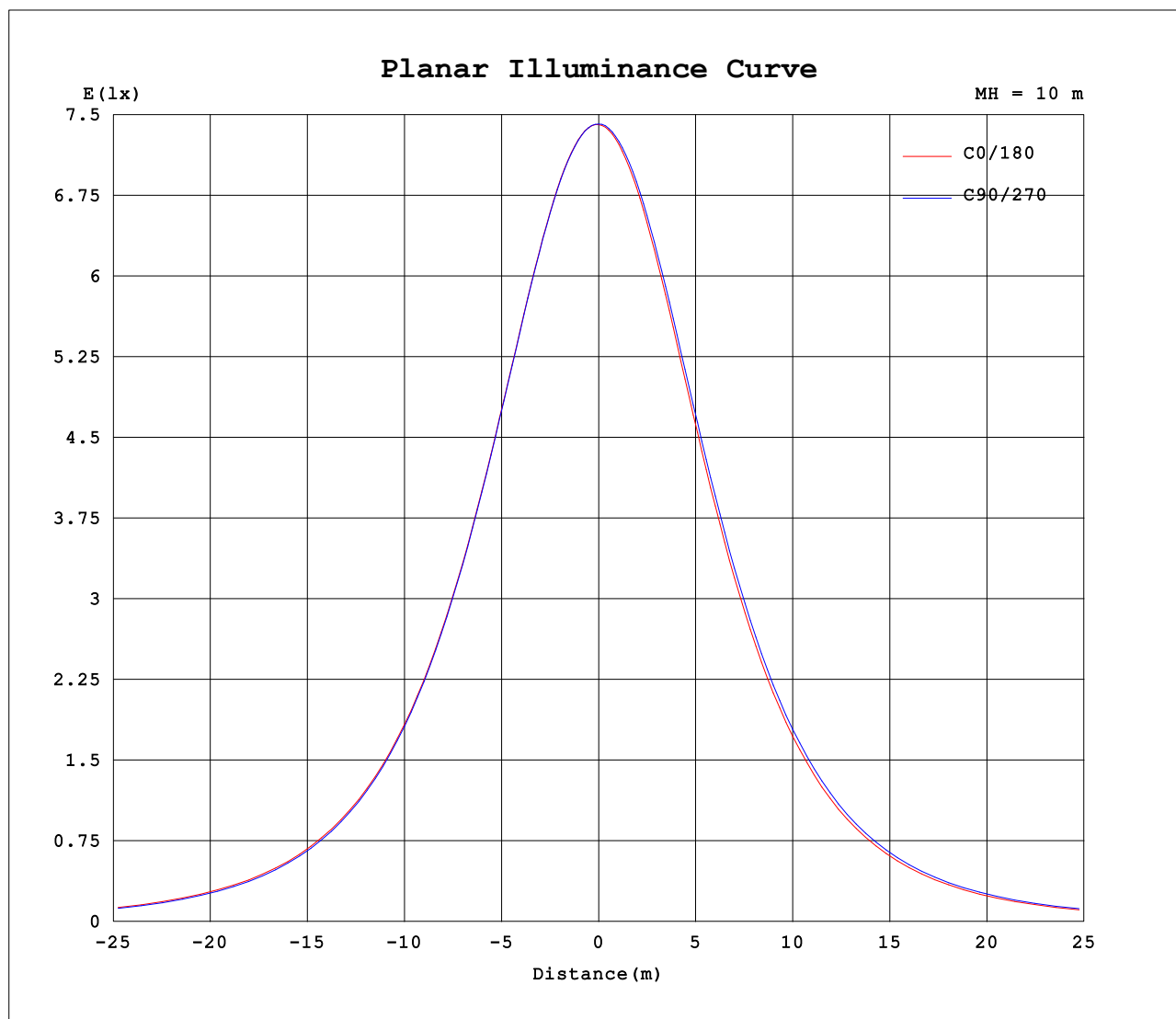
AvgL	cd/m2
L_0~180 (65) av	63836
L_0~180 (75) av	54286
L_0~180 (85) av	36454
L_90~270 (65) av	64538
L_90~270 (75) av	55714
L_90~270 (85) av	40247
L_45 (65) av	65014
L_45 (75) av	56593
L_45 (85) av	43489

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 27DEG  
Operators: SENPU  
Test Date: 2021-07-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 8.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	741	741	741	741	741	741	741	742	742	742	742	743	741	741	741	741	741	741	741
5	740	740	740	740	740	740	739	739	739	739	739	739	736	735	736	736	737	738	738
10	732	733	733	733	732	732	732	731	730	730	729	729	725	724	726	726	728	728	730
15	719	720	719	720	719	719	718	717	715	715	713	712	707	707	709	709	712	713	715
20	699	700	700	701	700	700	698	697	695	694	691	691	684	684	687	687	690	691	694
25	674	676	675	677	675	675	673	672	668	668	664	663	655	655	659	660	663	665	668
30	643	645	645	646	644	644	641	640	636	635	631	629	621	621	625	626	630	632	635
35	607	609	609	610	608	608	604	603	599	597	593	591	582	582	586	588	592	594	598
40	565	568	567	569	566	566	562	560	556	554	549	547	537	537	542	544	548	550	554
45	519	522	521	523	519	518	514	512	508	506	501	499	487	487	493	495	500	500	506
50	468	471	470	472	467	466	460	458	454	453	448	444	432	434	438	442	445	447	452
55	412	414	415	414	411	407	403	400	397	395	391	387	374	376	381	383	387	388	393
60	353	355	356	354	350	346	341	338	335	334	330	326	313	314	321	322	326	327	332
65	291	293	293	291	287	282	277	275	271	270	267	263	249	252	257	257	262	263	268
70	225	229	228	227	220	218	211	209	205	205	201	198	184	186	193	192	197	198	204
75	160	164	164	162	156	153	148	146	142	141	138	135	121	124	130	131	135	136	141
80	98.7	103	103	102	96.6	93.6	88.0	86.5	83.1	82.6	79.7	76.3	63.4	67.1	73.1	74.1	77.3	78.4	82.5
85	45.0	50.0	51.0	49.4	44.5	41.4	36.9	35.9	33.4	33.3	31.6	28.8	18.5	22.5	26.7	26.9	29.2	29.9	33.3
90	9.37	13.2	13.1	10.4	6.29	3.18	0.44	2.12	3.00	5.13	7.16	6.66	2.41	5.89	6.47	4.36	2.57	1.37	0.52
95	3.29	5.33	5.57	3.31	1.39	0.46	0.56	0.40	0.46	2.06	4.24	4.45	1.67	3.77	3.72	1.71	0.32	0.37	0.26
100	2.14	3.53	2.86	0.65	0.66	0.41	0.44	0.47	0.44	0.47	0.53	0.47	0.29	0.29	0.28	0.26	0.26	0.24	0.24
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:27DEG

Operators:SENPU

Test Date:2021-07-22

γ Range: 0 - 100DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000 SYSTEM V2.0.402

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.010V I:1.1110A P:26.675W PF:1.0000 Freq:0Hz Lamp Flux:2171.46x1 lm		
NAME: 24-700-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	742	742	742	742	743														
5	739	739	740	740	741														
10	730	731	732	733	732														
15	715	717	717	719	718														
20	695	697	697	699	698														
25	669	671	672	673	672														
30	636	640	640	641	640														
35	599	603	603	605	603														
40	556	560	561	563	561														
45	507	512	513	516	513														
50	454	459	462	465	462														
55	396	402	404	407	406														
60	335	341	345	348	347														
65	271	278	281	285	284														
70	206	213	215	221	219														
75	143	150	152	156	154														
80	85.3	90.7	93.0	96.8	94.3														
85	35.6	40.0	42.1	45.6	43.1														
90	2.52	5.16	7.53	10.7	10.0														
95	0.30	1.36	3.29	5.41	5.60														
100	0.23	0.23	0.57	2.63	3.34														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:SENPU  
 Test Date:2021-07-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: