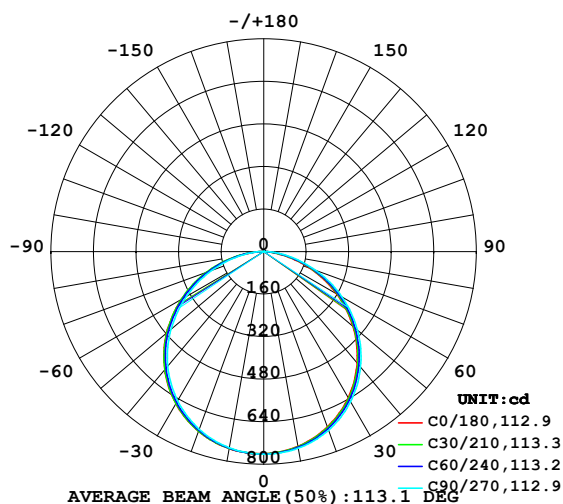


## LUMINAIRE PHOTOMETRIC TEST REPORT

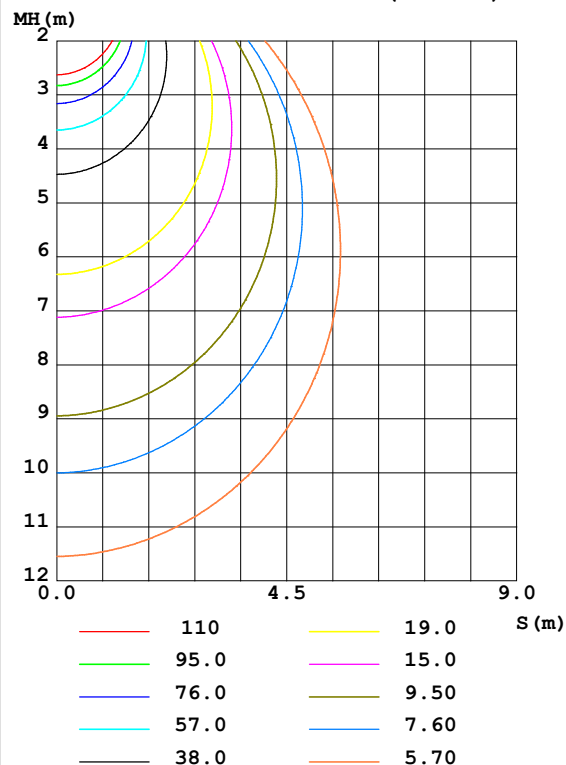
Test:U:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.05 lm/W			
MODEL		I <sub>max</sub> (cd)	764.6	S/MH (C0/180)	1.29
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2203.6	η UP, DN (C0-180)	0.1, 50.1
NOMINAL FLUX (lm)	2203.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.8
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η 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: 2021-07-21

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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

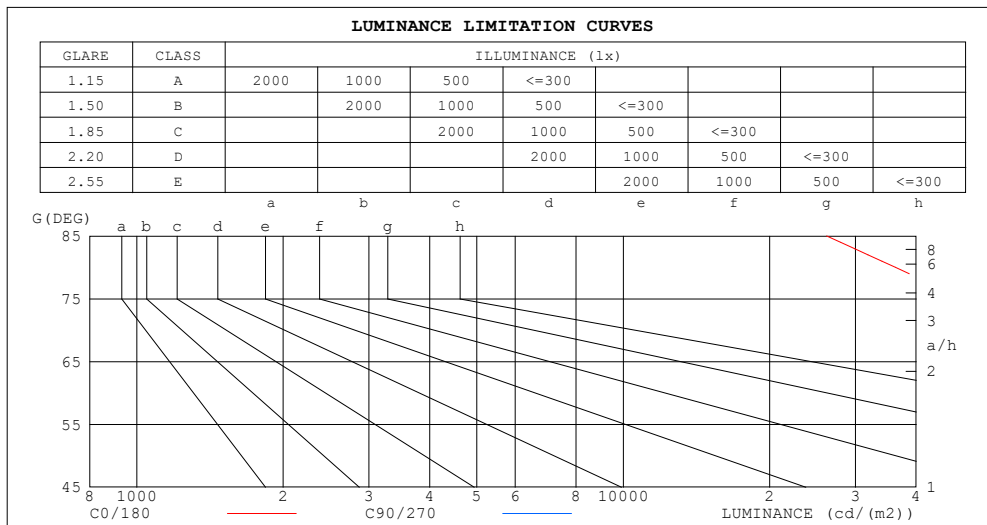
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	743.5	746.5	750.9	755.8	752.1	750.9	748.9	745.8	0- 10	72.14	72.14	3.27,3.27
20	701.3	707.1	714.6	723.6	718.7	716.5	710.7	703.9	10- 20	207.2	279.4	12.7,12.7
30	635.4	642.9	652.8	665.8	660.8	657.4	647.9	637.7	20- 30	315.4	594.8	27,27
40	546.9	555.5	566.9	584.3	579.5	574.6	561.8	548.7	30- 40	381.8	976.5	44.3,44.3
50	438.6	446.7	460.5	481.6	477.4	471.9	455.7	440.9	40- 50	396.7	1373	62.3,62.3
60	316.1	325.8	338.9	361.3	356.1	353.6	335.1	321.3	50- 60	357.4	1731	78.5,78.5
70	184.9	198.8	208.9	233.1	226.1	226.8	208.7	193.4	60- 70	272.1	2003	90.9,90.9
80	63.04	78.15	86.92	104.8	95.54	100.5	87.72	75.06	70- 80	155.7	2158	97.9,97.9
90	3.770	4.021	0.8174	8.011	5.220	5.530	0.6128	3.345	80- 90	43.09	2201	99.9,99.9
100	1.720	0.8412	0.7736	0.8862	0.7508	0.3003	0.2629	0.3078	90-100	2.068	2204	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0399	2204	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2204	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2204	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2204	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2204	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2204	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2204	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2204	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:2021-07-21

$\gamma$  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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26198	41653
80	36301	50055
75	46895	56172
70	54066	61082
65	59451	65063
60	63228	67773
55	65988	69935
50	68233	71638
45	70014	72968

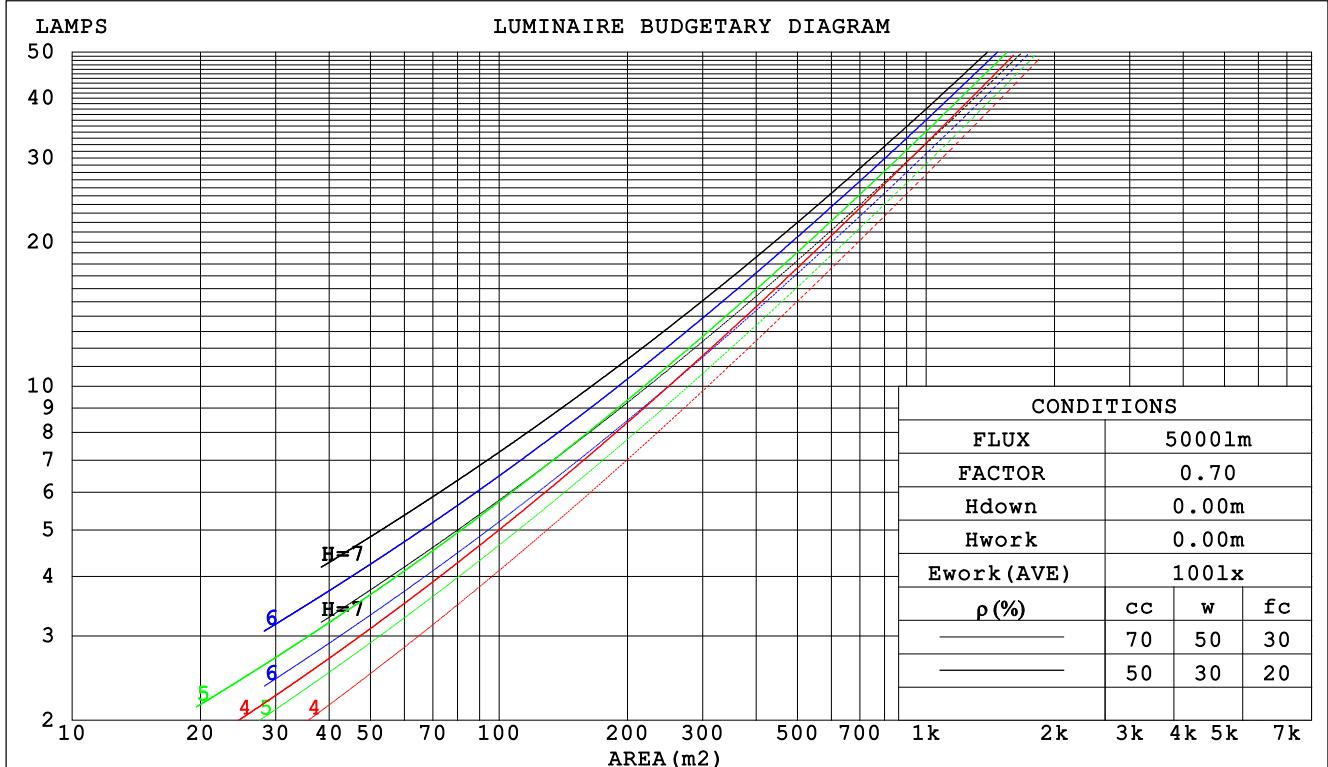
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 27DEG  
Operators: SENPU  
Test Date: 2021-07-21

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	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	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.82	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-21

$\gamma$  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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm								
NAME: 24-700-56				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	.311	.177	.056	.304	.173	.055	.291	.167	.053	.278	.161	.052	.267	.155	.050		
2.0	.293	.160	.049	.286	.158	.049	.275	.153	.047	.264	.148	.046	.254	.144	.045		
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.098	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-21

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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm										
NAME: 24-700-56					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	27.3	28.8	27.5	29.0	29.2	27.5	29.1	27.8	29.3	29.5
3H	28.7	30.1	29.0	30.3	30.5	29.0	30.4	29.3	30.7	30.9
4H	29.1	30.5	29.5	30.7	31.0	29.6	31.0	29.9	31.2	31.5
6H	29.4	30.7	29.8	31.0	31.3	30.0	31.3	30.4	31.6	31.9
8H	29.5	30.7	29.8	31.0	31.3	30.2	31.4	30.5	31.7	32.0
12H	29.5	30.7	29.9	31.0	31.3	30.2	31.4	30.6	31.7	32.0
4H 2H	27.9	29.2	28.2	29.5	29.7	28.1	29.4	28.4	29.7	29.9
3H	29.5	30.6	29.8	30.9	31.2	29.8	30.9	30.1	31.2	31.5
4H	30.1	31.1	30.4	31.5	31.8	30.5	31.5	30.8	31.9	32.2
6H	30.5	31.4	30.9	31.8	32.1	31.0	32.0	31.4	32.3	32.7
8H	30.6	31.4	31.0	31.8	32.2	31.2	32.1	31.6	32.4	32.8
12H	30.6	31.4	31.0	31.8	32.2	31.3	32.1	31.7	32.5	32.9
8H 4H	30.3	31.2	30.7	31.6	32.0	30.7	31.6	31.1	31.9	32.3
6H	30.8	31.6	31.3	32.0	32.4	31.4	32.1	31.8	32.5	32.9
8H	31.0	31.7	31.5	32.1	32.5	31.6	32.3	32.1	32.7	33.1
12H	31.1	31.7	31.6	32.1	32.6	31.8	32.4	32.3	32.8	33.3
12H 4H	30.3	31.2	30.8	31.5	31.9	30.7	31.5	31.1	31.9	32.3
6H	30.9	31.6	31.4	32.0	32.4	31.4	32.0	31.9	32.5	32.9
8H	31.1	31.7	31.6	32.1	32.6	31.7	32.2	32.2	32.7	33.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2204 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: 2021-07-21

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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

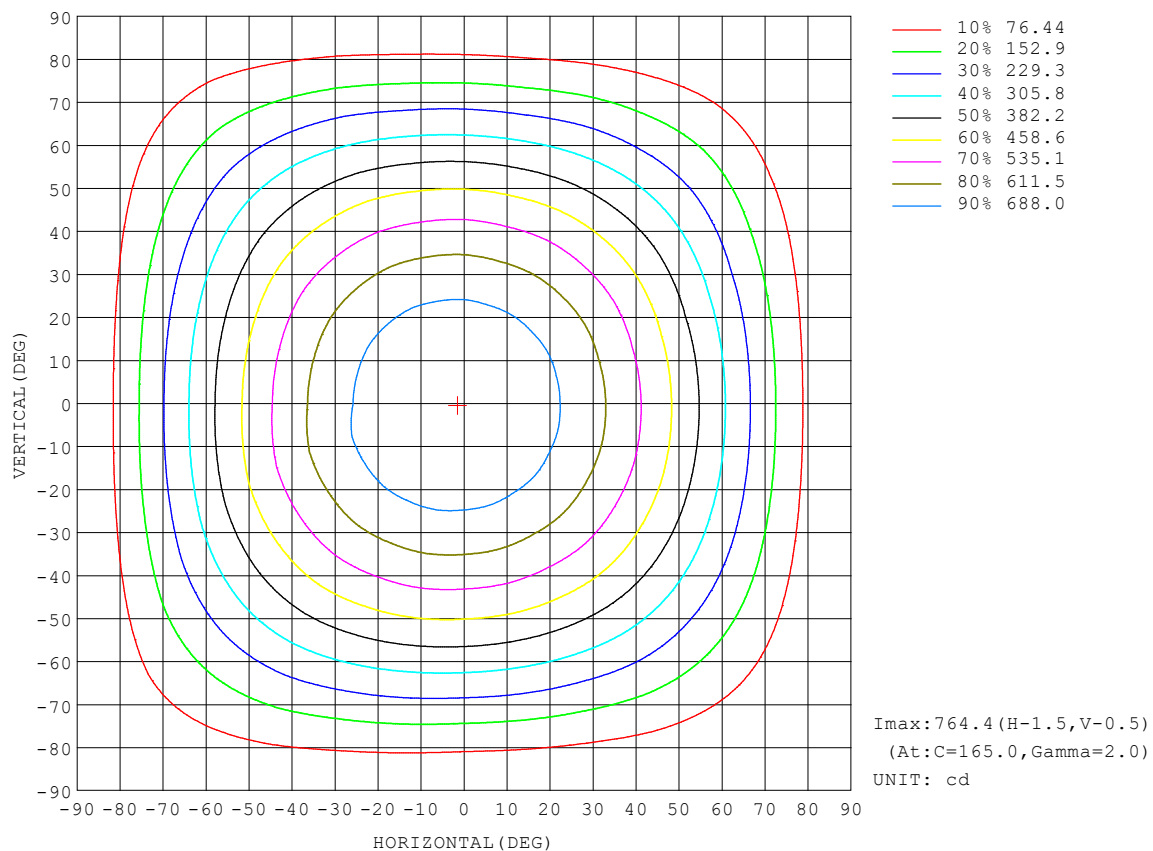
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	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: 2021-07-21

$\gamma$  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:

## ISOCANDELA DIAGRAM

Test:U:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



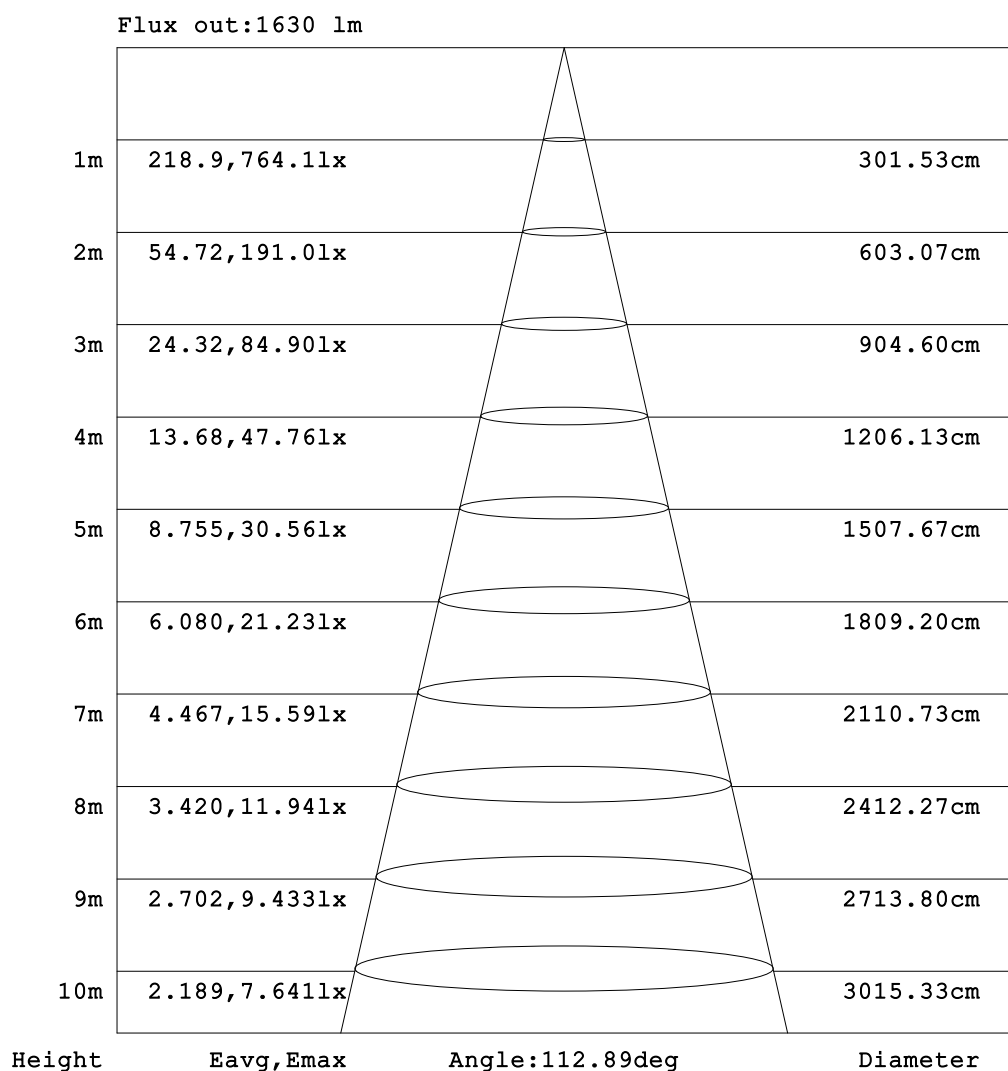
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:SENPU  
Test Date:2021-07-21

$\gamma$  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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



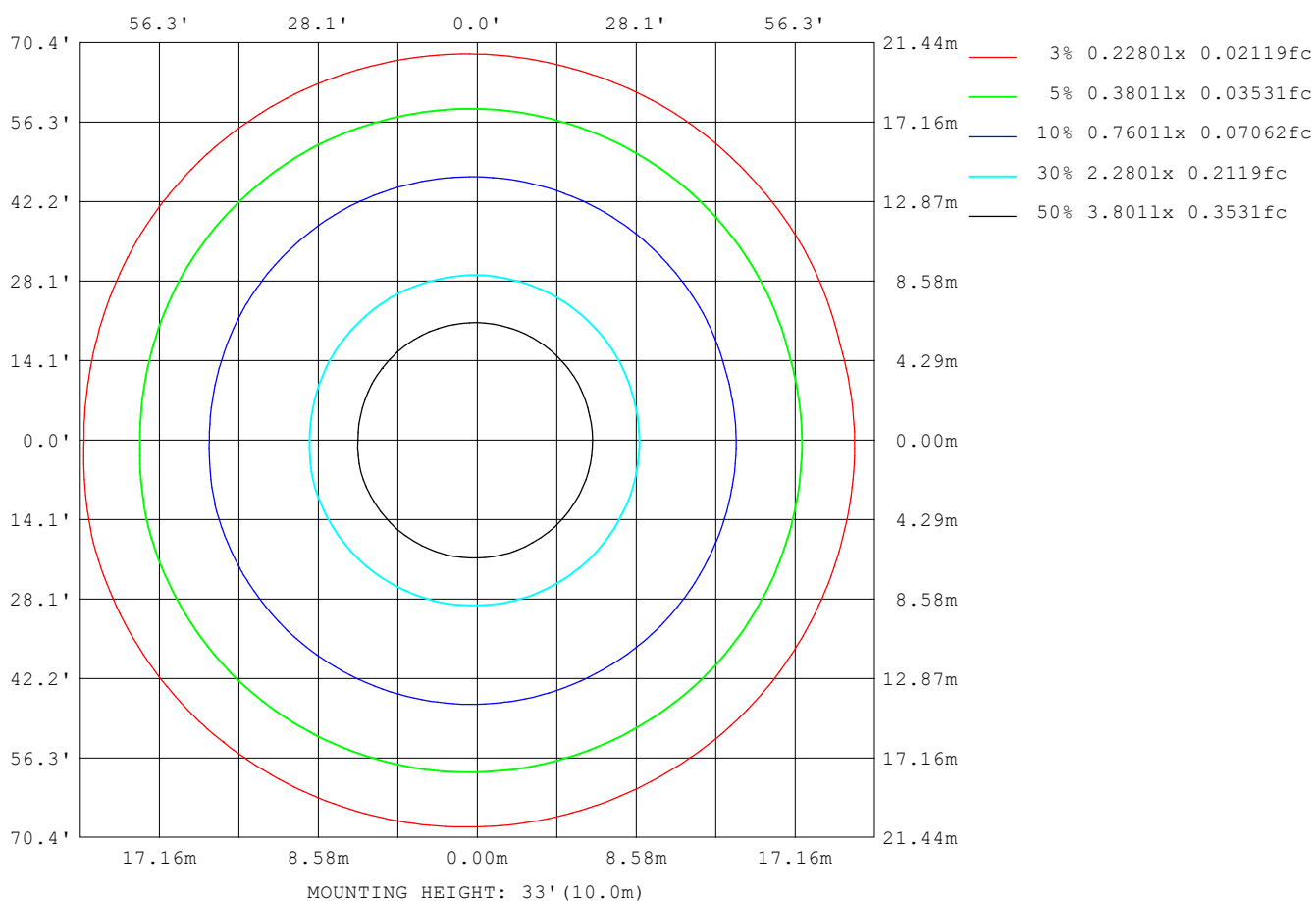
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: SENPU  
 Test Date: 2021-07-21

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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	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: 2021-07-21

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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

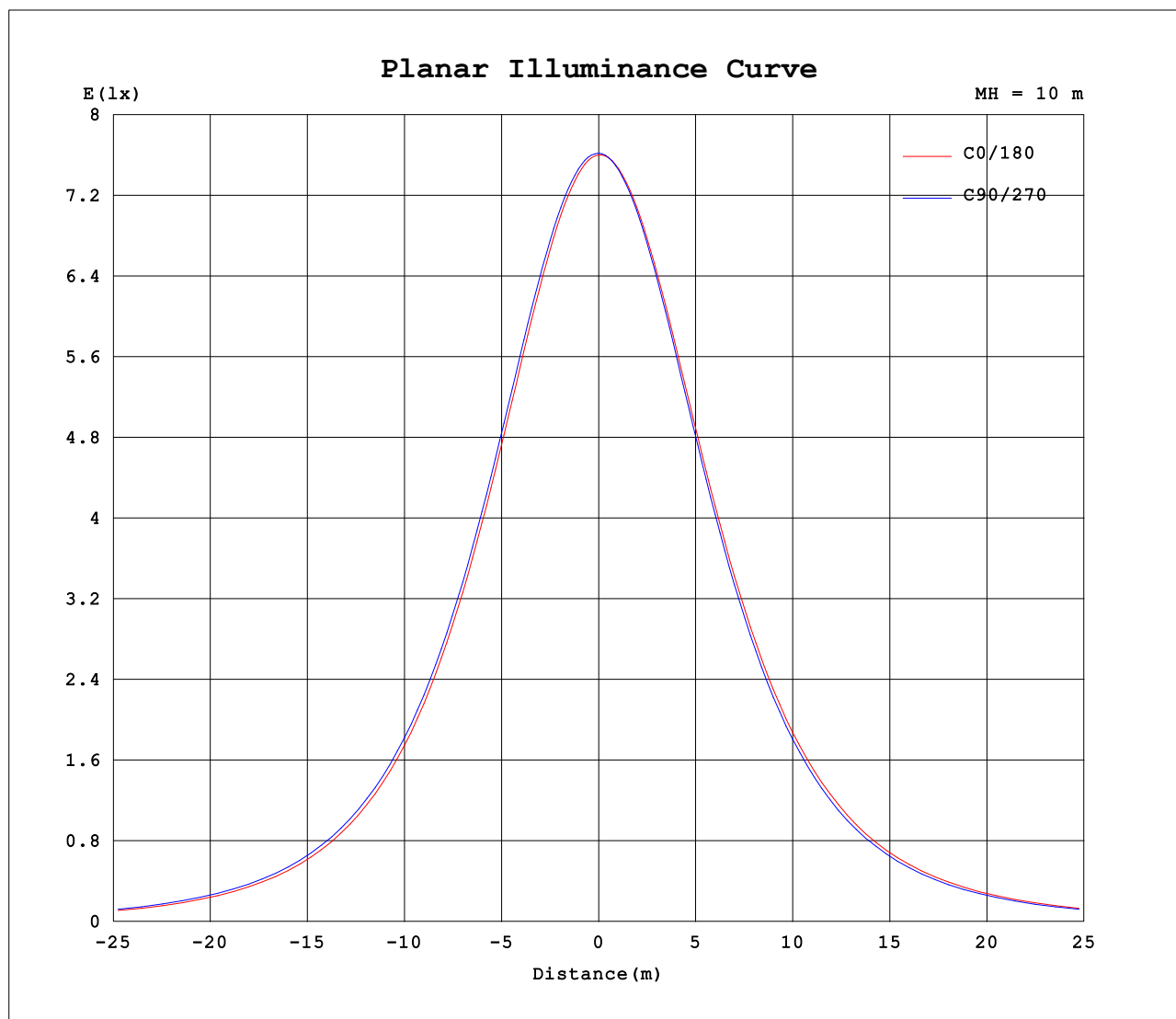
AvgL	cd/m2
L_0~180 (65) av	64279
L_0~180 (75) av	54308
L_0~180 (85) av	36028
L_90~270 (65) av	64744
L_90~270 (75) av	56283
L_90~270 (85) av	42187
L_45 (65) av	65627
L_45 (75) av	57776
L_45 (85) av	43924

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:SENPU  
Test Date:2021-07-21

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: 2021-07-21

$\gamma$  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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm																		
NAME: 24-700-56									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	760	761	760	761	761	762	762	762	762	763	763	764	760	761	760	761	761	762	762
5	755	756	756	757	757	759	759	761	761	762	763	764	759	759	759	759	759	758	758
10	744	744	745	747	748	750	751	753	754	756	756	757	752	752	752	751	751	749	749
15	725	727	727	730	731	734	736	739	740	743	743	745	738	738	738	737	736	734	733
20	701	703	704	707	709	712	715	718	720	724	724	726	719	718	718	716	716	712	711
25	671	673	674	678	680	684	687	691	694	698	699	700	693	692	692	690	689	684	682
30	635	638	639	643	645	650	653	658	661	666	667	669	661	660	660	657	656	651	648
35	594	597	597	602	603	609	613	619	622	628	629	632	623	622	622	619	617	611	608
40	547	550	551	556	557	563	567	574	578	584	586	589	579	578	579	575	572	565	562
45	495	498	499	504	506	512	516	524	528	535	537	541	531	529	530	525	523	515	511
50	439	440	443	447	450	456	460	469	474	482	483	487	477	476	477	472	470	461	456
55	378	380	383	387	391	395	401	408	415	422	425	427	417	417	417	414	410	402	396
60	316	318	321	326	329	333	339	346	354	361	365	366	356	356	357	354	349	340	335
65	251	254	258	262	265	270	275	283	290	298	302	303	292	293	295	292	287	279	272
70	185	190	193	199	200	205	209	218	224	233	236	237	226	227	231	227	223	213	209
75	121	127	131	136	137	142	145	154	159	168	170	172	160	162	167	163	159	151	146
80	63.0	68.4	73.1	78.2	79.8	84.2	86.9	93.7	98.1	105	107	108	95.5	99.7	104	100	97.9	91.5	87.7
85	22.8	26.1	28.3	30.3	31.0	33.9	36.3	41.6	44.8	49.2	50.0	49.7	40.0	43.3	47.5	45.7	44.5	39.9	37.2
90	3.77	5.43	5.53	4.02	2.09	1.26	0.82	2.97	4.89	8.01	9.63	10.9	5.22	7.03	7.69	5.53	4.25	2.33	0.61
95	2.69	3.32	3.18	1.89	0.83	0.57	0.68	0.80	1.17	2.00	3.28	3.72	1.29	3.08	2.84	1.74	0.72	0.33	0.24
100	1.72	1.28	0.92	0.84	0.65	0.62	0.77	0.61	0.64	0.89	1.23	1.76	0.75	1.07	0.59	0.30	0.28	0.26	0.26
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:2021-07-21

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:24.000V I:1.0670A P:25.608W PF:1.0000 Freq:0Hz Lamp Flux:2203.6x1 lm		
NAME: 24-700-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	762	762	763	763	764														
5	758	758	757	758	758														
10	747	747	746	746	745														
15	730	730	728	728	727														
20	707	706	704	703	702														
25	678	677	674	673	671														
30	643	641	638	637	634														
35	602	600	596	595	592														
40	555	553	549	548	544														
45	504	502	497	496	492														
50	449	445	441	438	435														
55	390	386	380	378	373														
60	329	325	321	317	312														
65	266	262	256	254	246														
70	202	199	193	191	182														
75	139	137	132	129	120														
80	82.5	80.1	75.1	71.4	63.4														
85	33.1	31.4	27.9	26.5	22.6														
90	1.57	2.34	3.34	4.72	5.04														
95	0.32	0.55	1.57	2.80	3.32														
100	0.26	0.26	0.31	0.59	0.91														
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:2021-07-21

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: