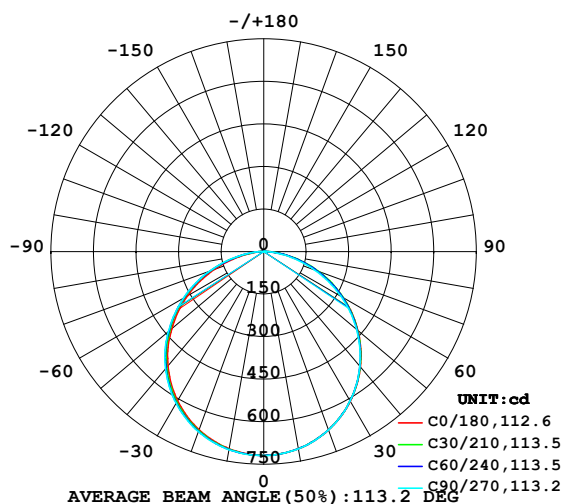


LUMINAIRE PHOTOMETRIC TEST REPORT

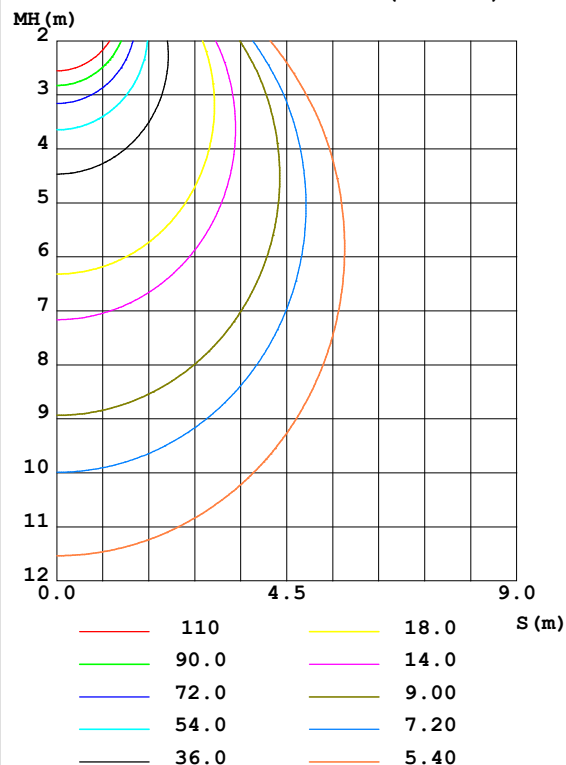
Test:U:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.97 lm/W			
MODEL		Imax(cd)	722.8	S/MH(C0/180)	1.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2089.7	η UP,DN(C0-180)	0.2,49.8
NOMINAL FLUX(lm)	2089.73	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)	24	η down(%)	99.7	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

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:

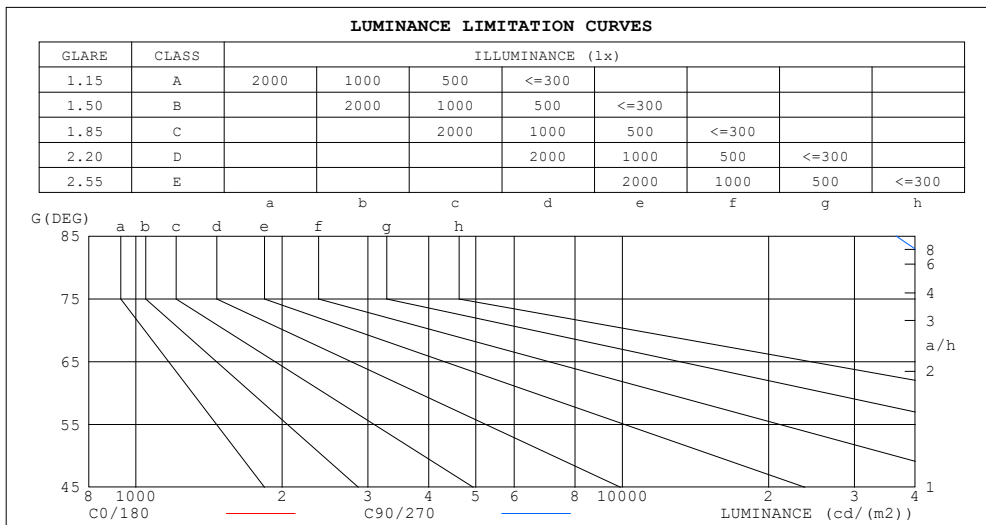
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	706.1	705.8	705.9	709.0	705.7	707.5	709.1	708.7	0- 10	68.12	68.12	3.26,3.26
20	669.3	669.5	669.0	673.6	668.4	672.3	675.4	672.5	10- 20	195.5	263.6	12.6,12.6
30	610.0	610.0	608.8	614.1	607.6	613.7	618.0	614.2	20- 30	297.2	560.8	26.8,26.8
40	530.4	530.2	527.4	533.8	525.7	533.5	538.8	535.2	30- 40	359.6	920.4	44,44
50	433.8	431.8	427.8	433.7	423.9	435.4	438.8	438.3	40- 50	374.1	1294	61.9,61.9
60	320.2	323.2	313.9	322.1	309.9	322.8	325.7	328.4	50- 60	338.3	1633	78.1,78.1
70	200.2	207.2	191.3	201.4	186.7	199.6	203.9	207.7	60- 70	258.8	1892	90.5,90.5
80	82.73	91.88	77.25	81.27	64.27	79.29	86.69	91.07	70- 80	148.5	2040	97.6,97.6
90	9.849	12.43	6.016	10.17	9.363	10.21	2.976	8.870	80- 90	43.01	2083	99.7,99.7
100	3.522	0.8412	5.438	6.286	6.008	5.617	0.2780	0.5173	90-100	6.416	2090	100,100
110	0	0	0	0	0	0	0	0	100-110	0.1827	2090	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2090	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2090	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2090	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2090	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2090	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2090	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2090	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

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:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	41519	36561
80	47641	44488
75	54456	50744
70	58545	55931
65	61771	59979
60	64043	62777
55	66261	64869
50	67492	66547
45	68447	67858

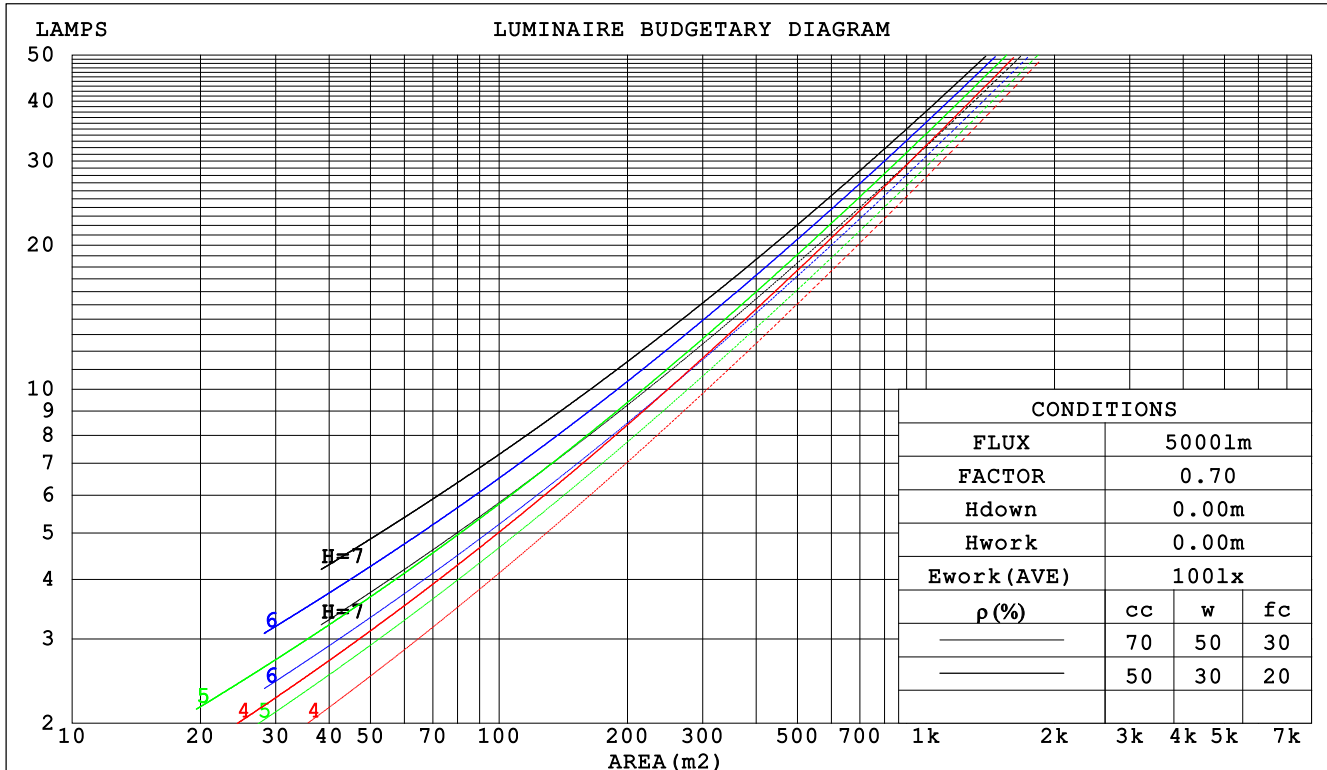
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.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	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.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	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.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: 2021-07-22

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:

WEC AND CCEC

Test:U:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm					
NAME: 24-700-27			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	.313	.178	.056	.305	.174	.055	.292	.168	.053	.280	.161	.052	.268	.155	.050		
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.245	.135	.041	.236	.131	.041		
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	.099	.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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.159	.137	.157	.136	.118	.107	.094	.081	.062	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.150	.116	.087	.103	.080	.060	.059	.047	.035	.019	.015	.012	
3.0	.167	.117	.077	.143	.101	.066	.098	.070	.047	.057	.041	.027	.018	.013	.009	
4.0	.160	.103	.061	.137	.089	.053	.094	.062	.037	.054	.036	.022	.018	.012	.007	
5.0	.152	.093	.050	.131	.081	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.042	.125	.073	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
7.0	.138	.078	.036	.119	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.132	.072	.031	.113	.063	.027	.078	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.126	.067	.028	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.063	.025	.103	.055	.022	.072	.038	.015	.042	.023	.009	.014	.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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm											
NAME: 24-700-27					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	27.5	29.0	27.7	29.2	29.4	27.4	28.9	27.6	29.1	29.3	
	3H	29.0	30.4	29.3	30.7	30.9	28.8	30.3	29.1	30.5	30.7
	4H	29.6	31.0	29.9	31.2	31.5	29.4	30.8	29.7	31.0	31.3
	6H	30.1	31.3	30.4	31.6	31.9	29.8	31.1	30.2	31.4	31.6
	8H	30.2	31.4	30.5	31.7	32.0	29.9	31.2	30.3	31.4	31.7
	12H	30.3	31.4	30.6	31.7	32.0	30.0	31.2	30.4	31.5	31.8
4H	2H	28.1	29.4	28.4	29.7	29.9	28.0	29.3	28.3	29.6	29.9
	3H	29.8	31.0	30.2	31.3	31.6	29.7	30.9	30.0	31.2	31.5
	4H	30.6	31.7	31.0	32.0	32.3	30.4	31.5	30.8	31.8	32.1
	6H	31.2	32.1	31.6	32.5	32.8	30.9	31.9	31.3	32.2	32.6
	8H	31.3	32.2	31.8	32.6	33.0	31.1	32.0	31.5	32.4	32.8
	12H	31.5	32.3	31.9	32.7	33.1	31.2	32.0	31.6	32.4	32.8
8H	4H	30.9	31.8	31.3	32.1	32.5	30.7	31.6	31.1	32.0	32.4
	6H	31.6	32.3	32.1	32.8	33.2	31.4	32.1	31.8	32.6	33.0
	8H	31.9	32.5	32.4	33.0	33.4	31.7	32.3	32.1	32.8	33.2
	12H	32.1	32.7	32.6	33.1	33.6	31.9	32.4	32.4	32.9	33.4
12H	4H	30.9	31.7	31.3	32.1	32.5	30.7	31.5	31.2	31.9	32.3
	6H	31.7	32.3	32.1	32.8	33.2	31.5	32.1	31.9	32.6	33.0
	8H	32.0	32.6	32.5	33.0	33.5	31.8	32.4	32.3	32.8	33.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 2090 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.6$)

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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

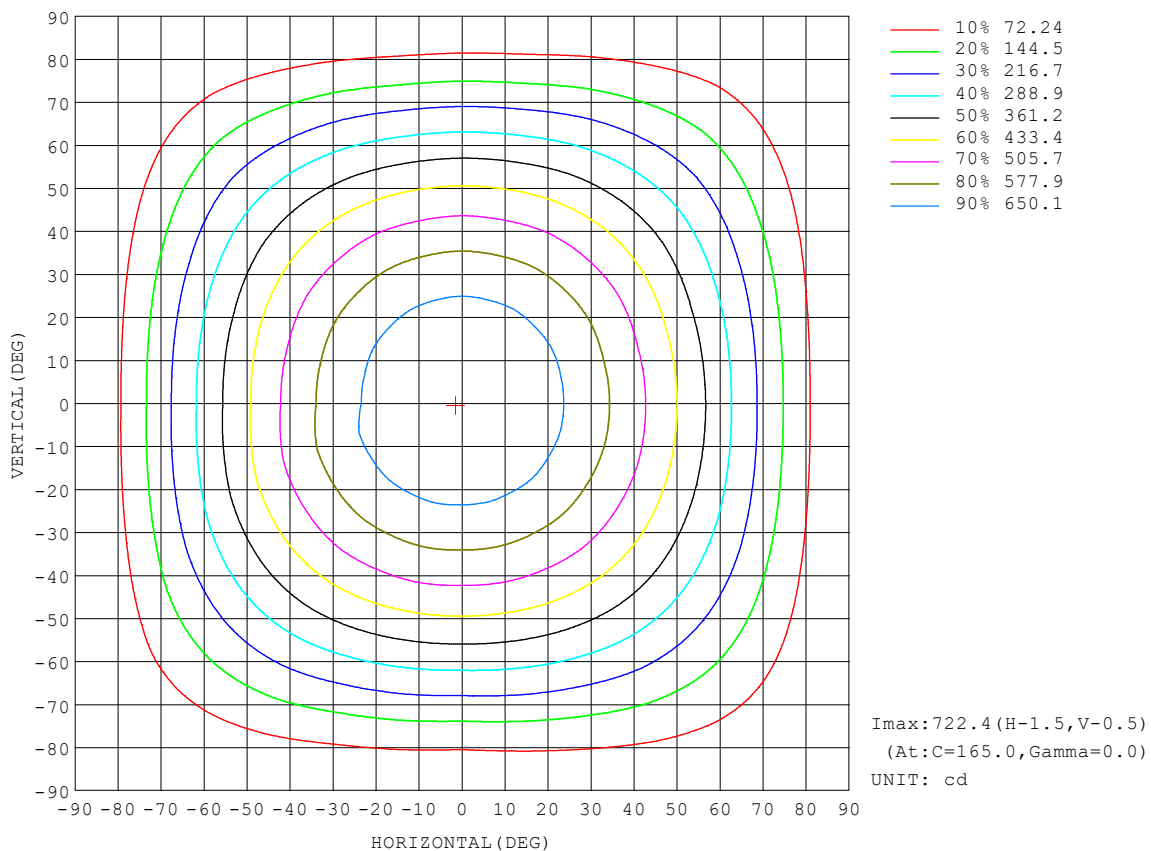
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	48	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	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	85
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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

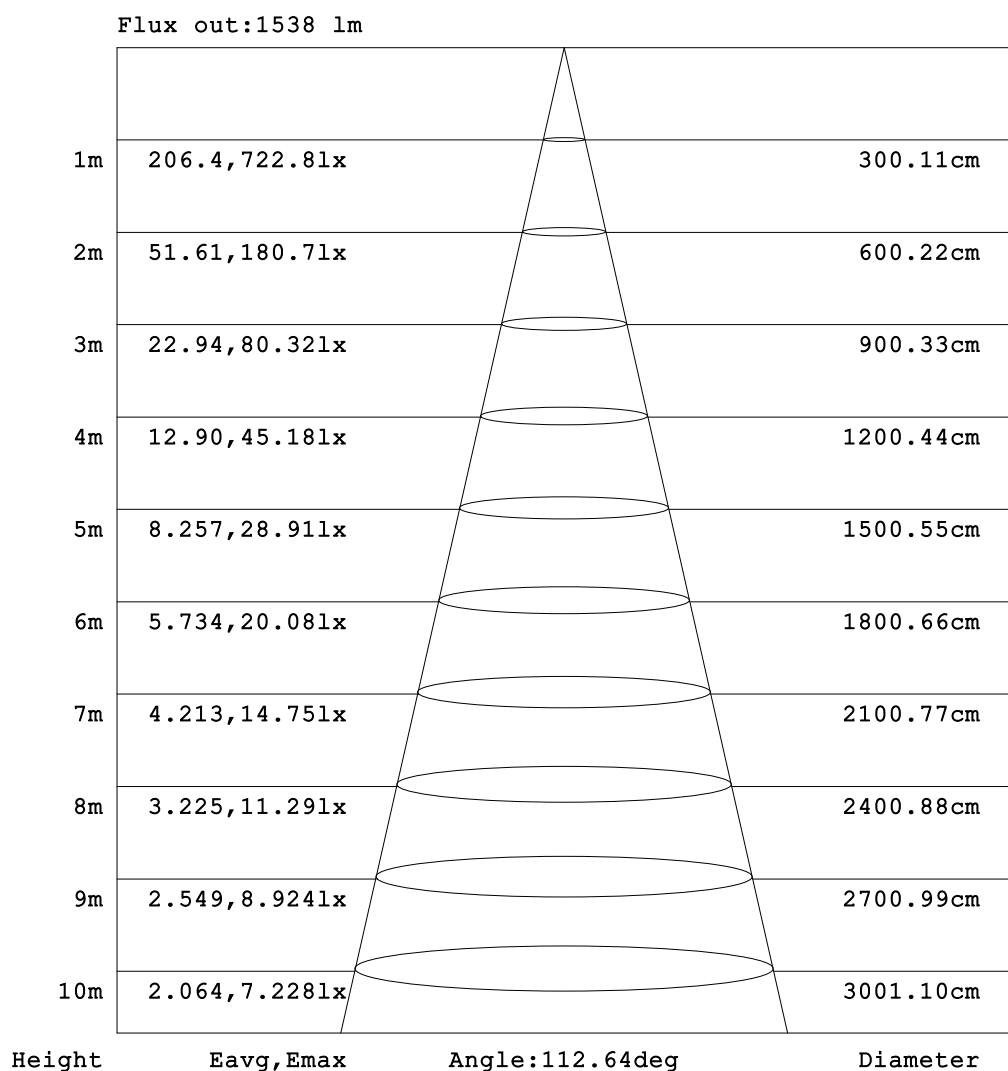


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:

AAI Figure

Test:U:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



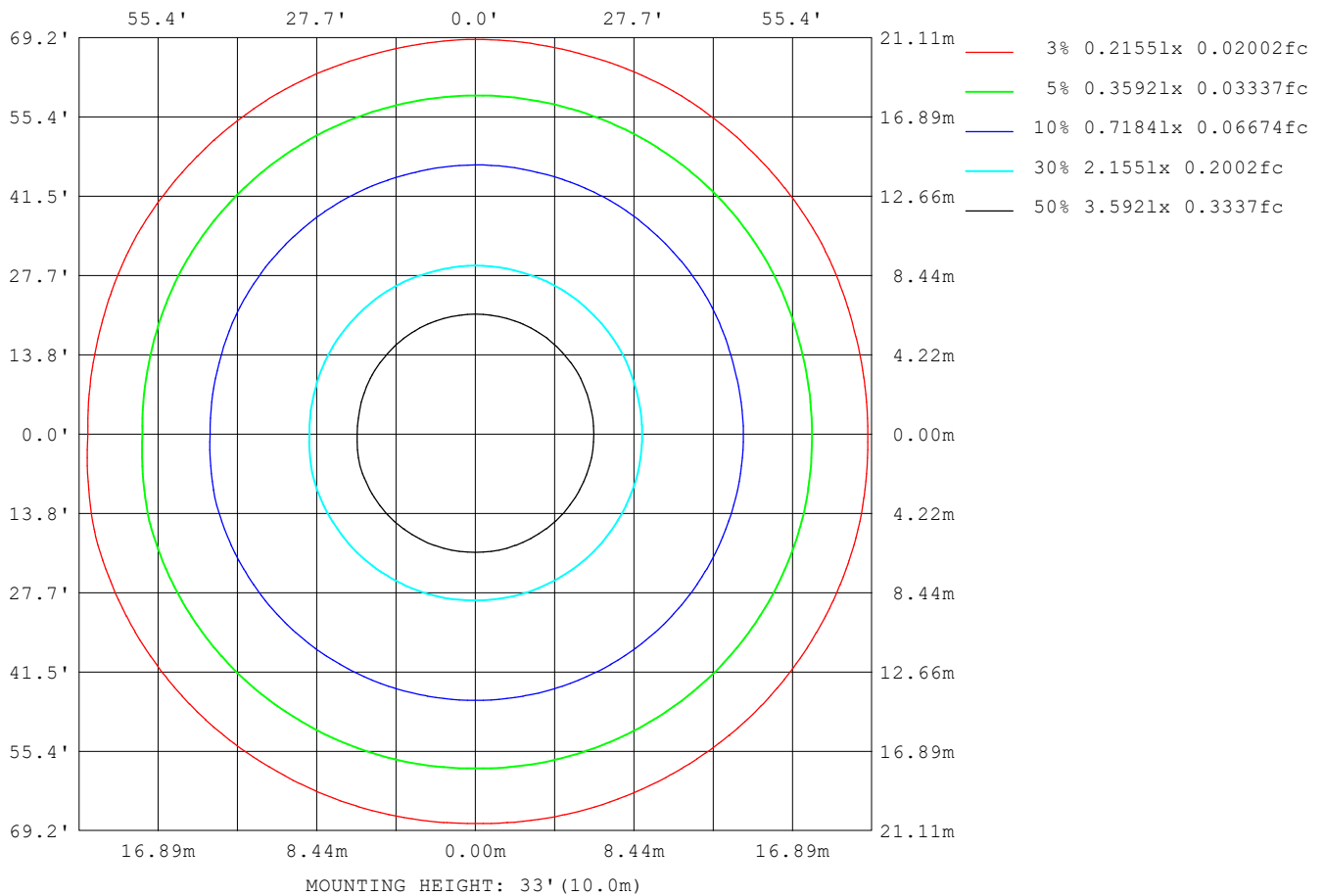
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

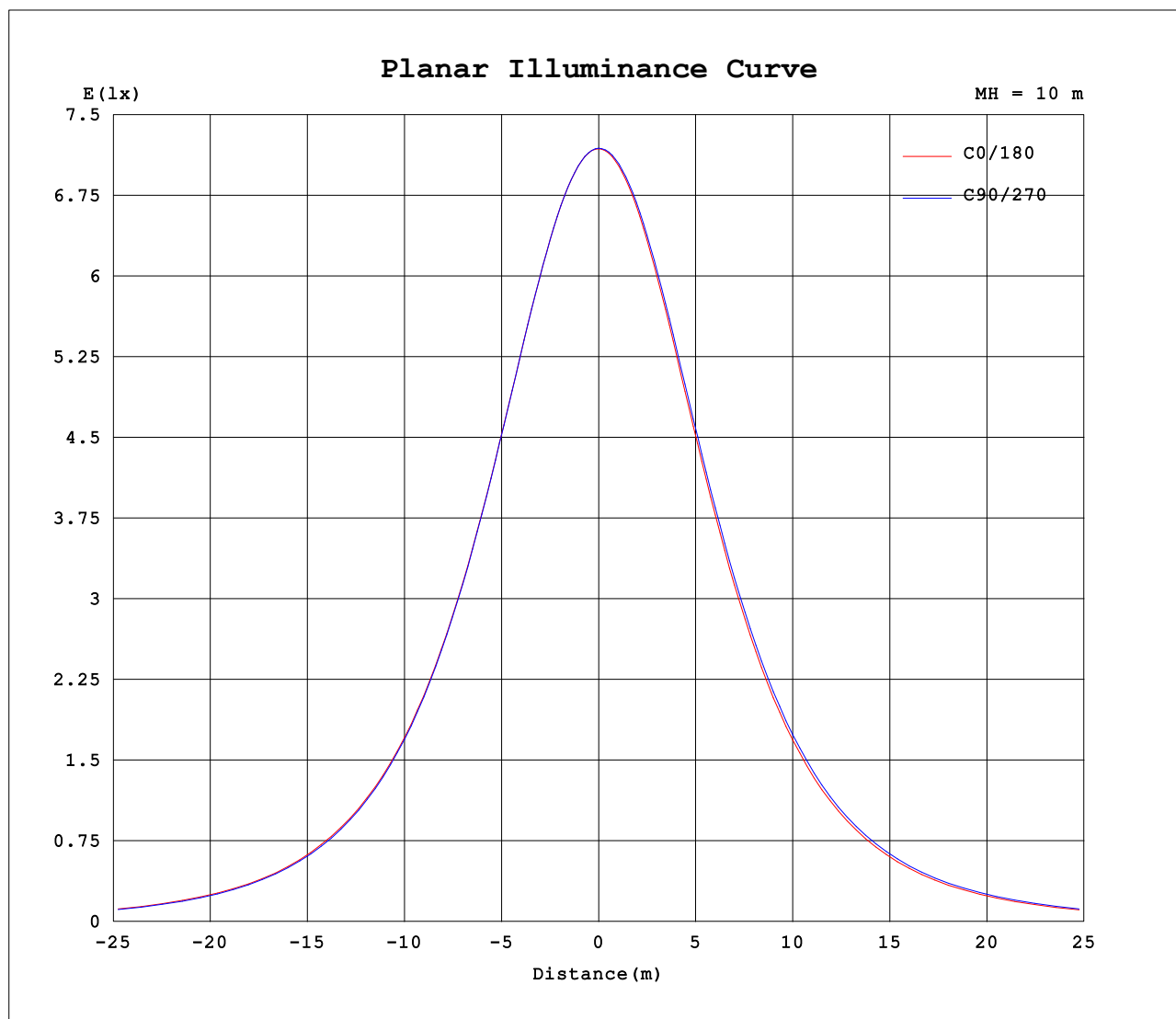
AvgL	cd/m2
L_0~180 (65) av	60339
L_0~180 (75) av	51284
L_0~180 (85) av	33809
L_90~270 (65) av	61414
L_90~270 (75) av	53023
L_90~270 (85) av	40615
L_45 (65) av	62577
L_45 (75) av	55393
L_45 (85) av	43415

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

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:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	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	718	719	719	719	719	719	719	720	720	721	722	723	718	719	719	719	719	719	719
5	715	716	715	715	715	715	715	716	717	718	719	720	715	715	716	716	717	716	717
10	706	706	706	706	706	706	706	707	708	709	710	711	706	706	707	708	709	708	709
15	690	691	690	691	690	691	690	692	692	694	695	697	690	690	692	693	694	694	695
20	669	670	669	670	669	669	669	671	671	674	674	676	668	669	672	672	674	674	675
25	642	643	641	643	642	642	642	644	644	647	647	649	641	642	645	646	648	648	650
30	610	610	609	610	609	610	609	611	612	614	615	617	608	609	613	614	616	616	618
35	573	573	571	572	571	572	571	573	574	577	577	579	569	571	575	576	579	579	581
40	530	531	529	530	528	529	527	530	530	534	534	536	526	527	532	533	537	536	539
45	484	485	483	484	481	482	480	483	483	487	486	489	478	479	485	486	490	489	492
50	434	433	433	432	430	428	428	429	431	434	435	435	424	428	432	435	437	438	439
55	380	380	379	379	376	374	372	374	376	379	380	381	368	371	378	380	382	381	384
60	320	324	324	323	320	317	314	316	318	322	323	323	310	314	321	323	324	325	326
65	261	266	267	266	262	258	253	256	258	262	264	263	249	253	261	262	264	262	266
70	200	205	207	207	201	198	191	195	196	201	202	201	187	191	200	200	202	200	204
75	141	146	149	149	143	138	131	135	135	140	141	140	125	130	138	137	140	139	143
80	82.7	88.7	91.5	91.9	88.3	83.8	77.3	80.5	79.0	81.3	80.7	80.0	64.3	70.6	77.9	79.3	81.9	82.5	86.7
85	36.2	41.1	44.4	44.3	40.7	38.5	31.9	35.1	33.2	33.8	33.6	33.2	22.7	27.1	30.8	31.1	33.5	34.7	38.9
90	9.85	13.7	14.3	12.4	9.42	6.91	6.02	7.29	8.58	10.2	13.2	14.7	9.36	12.8	12.6	10.2	7.90	6.47	2.98
95	3.77	4.69	5.98	6.47	5.93	5.62	5.74	6.08	6.59	7.92	9.66	9.76	7.88	9.88	9.36	7.43	5.54	4.11	0.30
100	3.52	2.72	2.23	0.84	3.70	5.31	5.44	5.79	6.33	6.29	0.49	1.04	6.01	6.50	6.39	5.62	4.05	2.29	0.28
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:24.000V I:1.0370A P:24.888W PF:1.0000 Freq:0Hz Lamp Flux:2089.73x1 lm		
NAME: 24-700-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	720	720	721	722	723														
5	717	718	718	719	719														
10	709	709	709	709	709														
15	694	695	693	694	692														
20	674	675	673	673	670														
25	648	649	647	646	643														
30	617	617	614	614	610														
35	580	581	578	577	572														
40	537	539	535	534	530														
45	491	492	489	488	482														
50	439	440	438	436	431														
55	383	386	383	382	377														
60	327	329	328	326	320														
65	265	269	268	268	262														
70	205	209	208	208	201														
75	143	148	147	149	142														
80	87.0	91.1	91.1	91.0	84.5														
85	38.8	42.2	42.2	42.9	37.6														
90	6.00	7.62	8.87	11.4	10.4														
95	2.29	1.75	2.61	4.41	4.75														
100	0.65	0.73	0.52	1.90	2.69														
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: