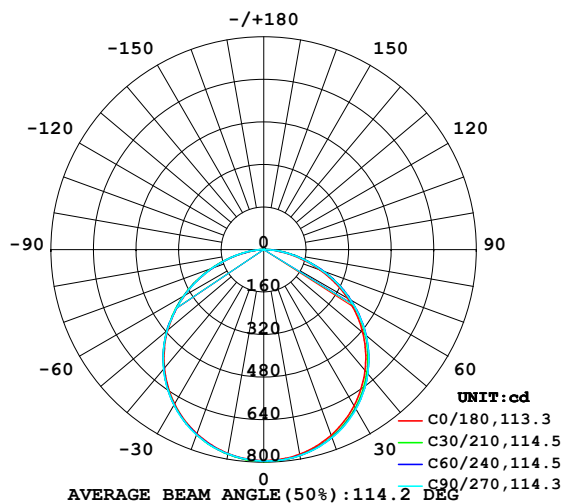


LUMINAIRE PHOTOMETRIC TEST REPORT

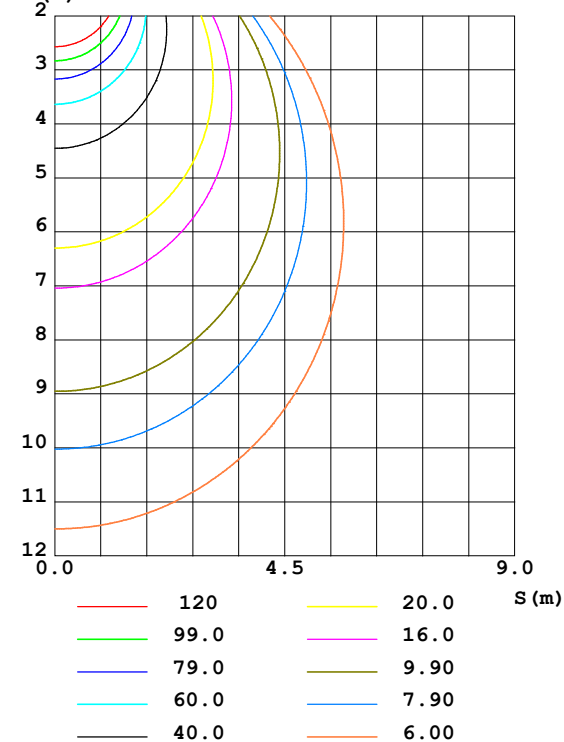
Test:U:24.000V I:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.05 lm/W			
MODEL		I _{max} (cd)	800.7	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2329.1	η UP, DN (C0-180)	0.1, 51.2
NOMINAL FLUX (lm)	2329.05	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 48.7
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	99.8	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:

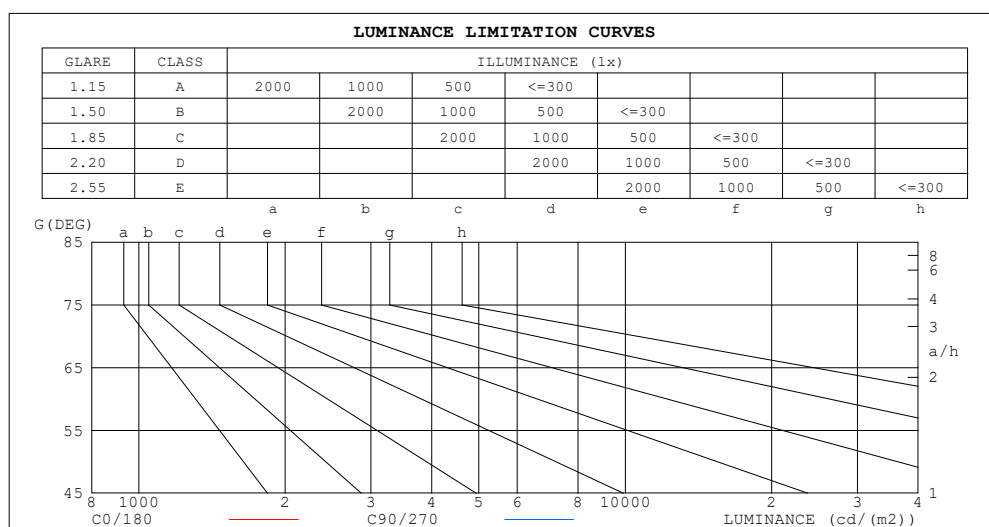
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	781.5	786.1	786.3	788.1	778.6	779.9	780.5	784.5	0- 10	75.47	75.47	3.24,3.24
20	742.8	751.6	752.4	752.0	736.9	738.7	740.7	744.0	10- 20	216.9	292.4	12.6,12.6
30	679.2	691.7	693.0	690.6	670.6	672.8	675.6	678.8	20- 30	330.6	622.9	26.7,26.7
40	592.9	608.7	609.1	606.1	581.3	583.9	586.2	590.4	30- 40	401.5	1024	44,44
50	486.4	504.3	501.8	500.1	472.6	473.9	475.6	481.3	40- 50	419.6	1444	62,62
60	362.8	378.5	375.0	372.4	344.1	346.6	344.6	354.6	50- 60	380.3	1824	78.3,78.3
70	226.0	242.2	236.1	234.7	207.8	207.4	207.4	215.5	60- 70	289.5	2114	90.8,90.8
80	94.02	108.9	102.1	101.1	76.86	80.04	79.96	86.99	70- 80	164.6	2278	97.8,97.8
90	7.469	13.50	0.7286	9.373	3.060	5.700	1.292	8.075	80- 90	46.76	2325	99.8,99.8
100	2.599	1.074	0.6083	0.7060	0.8704	0.4055	0.3831	0.6750	90-100	3.737	2329	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0632	2329	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2329	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2329	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2329	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2329	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2329	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2329	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2329	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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	45734	52922
80	54141	58800
75	61083	64319
70	66070	69021
65	70106	72608
60	72551	74999
55	74360	76813
50	75664	78060
45	76652	78936

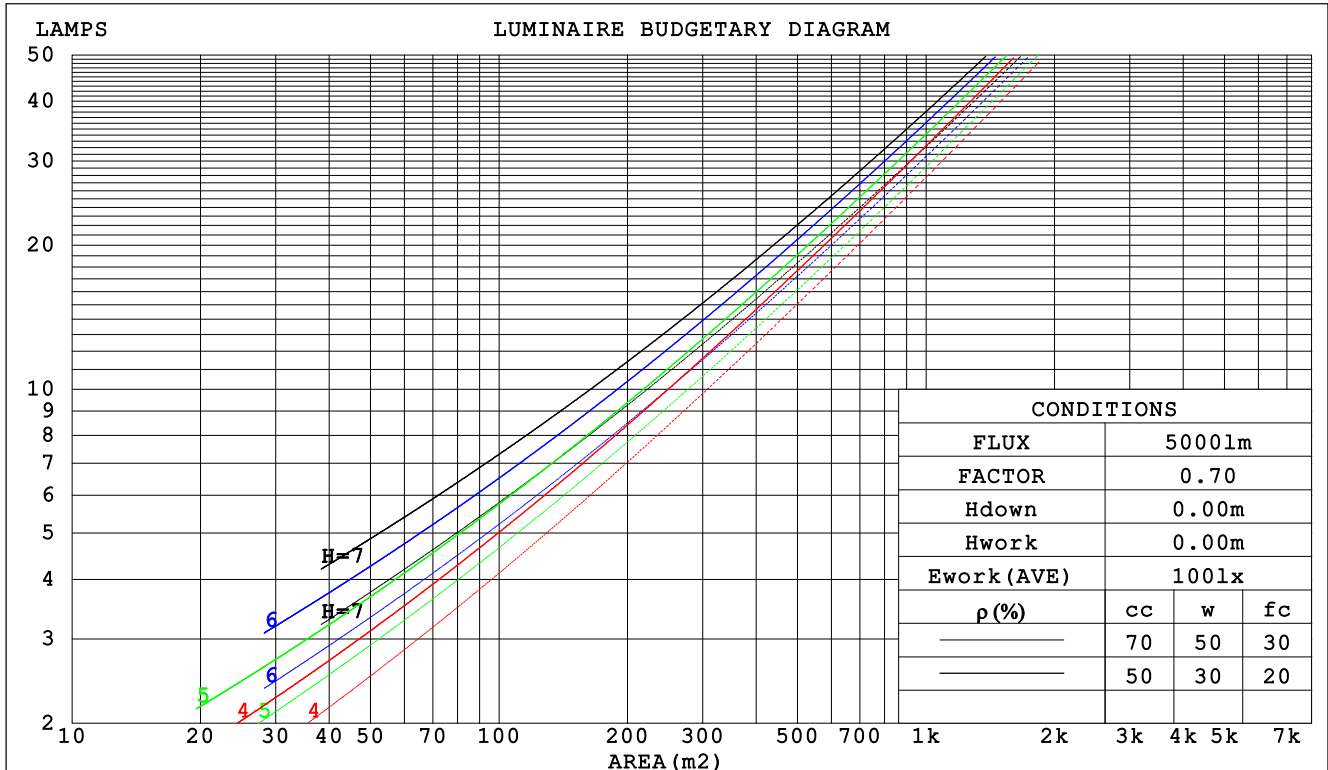
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	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	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.77	.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	.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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm					
NAME: 24-700-30			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	.178	.056	.305	.174	.055	.292	.167	.053	.279	.161	.052	.268	.155	.050		
2.0	.293	.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	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.245	.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	.214	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021		
1.0	.182	.157	.135	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015		
2.0	.174	.133	.099	.149	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011		
3.0	.166	.116	.075	.142	.100	.065	.098	.069	.046	.056	.040	.027	.018	.013	.009		
4.0	.158	.102	.059	.136	.088	.052	.093	.062	.036	.054	.036	.022	.017	.012	.007		
5.0	.151	.092	.048	.130	.080	.042	.089	.056	.030	.052	.033	.018	.017	.011	.006		
6.0	.144	.084	.040	.124	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005		
7.0	.137	.077	.034	.118	.066	.030	.081	.047	.021	.047	.027	.013	.015	.009	.004		
8.0	.131	.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	.119	.062	.024	.102	.054	.021	.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:24.000V I:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm											
NAME: 24-700-30					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	28.0	29.5	28.3	29.7	29.9	28.1	29.7	28.4	29.9	30.1	
	3H	29.6	31.0	29.9	31.2	31.4	29.7	31.1	30.0	31.3	31.6
	4H	30.2	31.5	30.5	31.8	32.0	30.3	31.7	30.6	31.9	32.2
	6H	30.6	31.9	30.9	32.1	32.4	30.8	32.0	31.1	32.3	32.6
	8H	30.7	32.0	31.1	32.2	32.5	30.9	32.2	31.3	32.4	32.7
	12H	30.8	32.0	31.2	32.3	32.6	31.0	32.2	31.4	32.5	32.8
4H	2H	28.7	30.0	29.0	30.3	30.5	28.8	30.1	29.1	30.4	30.6
	3H	30.4	31.6	30.8	31.9	32.2	30.5	31.7	30.9	32.0	32.3
	4H	31.2	32.2	31.5	32.6	32.9	31.3	32.4	31.7	32.7	33.0
	6H	31.7	32.7	32.1	33.1	33.4	31.9	32.8	32.3	33.2	33.6
	8H	31.9	32.8	32.4	33.2	33.6	32.1	33.0	32.5	33.3	33.7
	12H	32.1	32.9	32.5	33.3	33.7	32.2	33.1	32.7	33.4	33.8
8H	4H	31.5	32.4	31.9	32.7	33.1	31.6	32.5	32.0	32.8	33.2
	6H	32.2	33.0	32.7	33.4	33.8	32.3	33.1	32.8	33.5	33.9
	8H	32.5	33.2	33.0	33.6	34.1	32.6	33.3	33.1	33.7	34.2
	12H	32.7	33.3	33.2	33.8	34.2	32.9	33.4	33.4	33.9	34.4
12H	4H	31.5	32.3	31.9	32.7	33.1	31.6	32.4	32.0	32.8	33.2
	6H	32.3	33.0	32.8	33.4	33.8	32.4	33.1	32.9	33.5	33.9
	8H	32.6	33.2	33.1	33.7	34.1	32.8	33.3	33.2	33.8	34.3
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 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 2329 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.9$)

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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

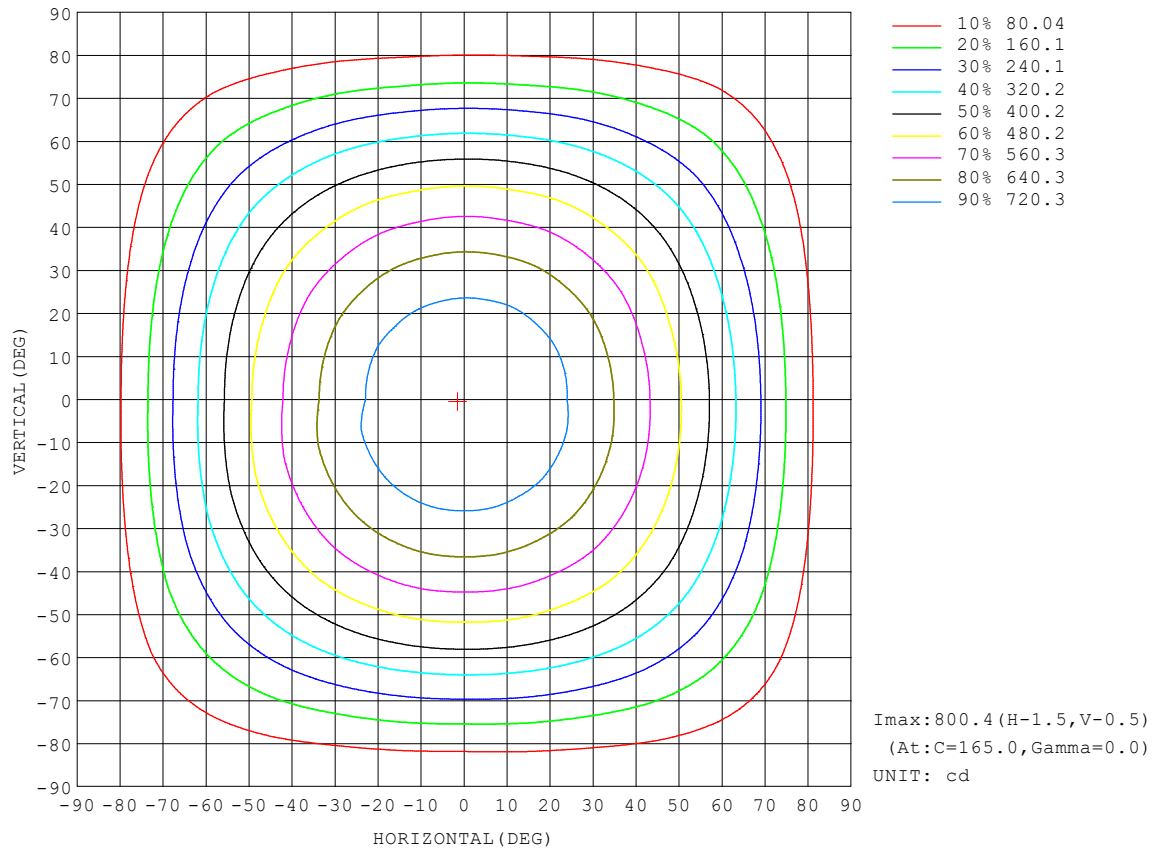
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	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	89	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	108	104	99	106	102	98	101	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:24.000V I:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

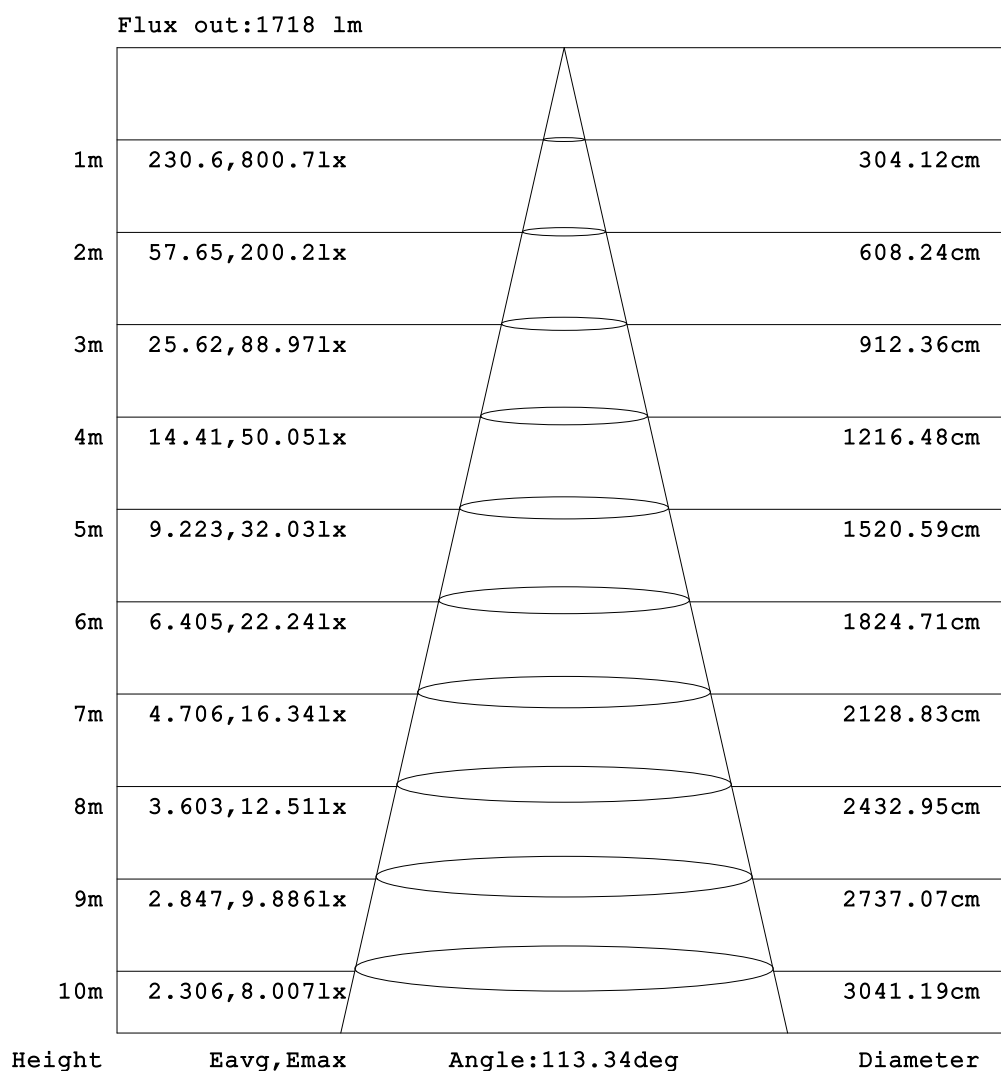


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-22

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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



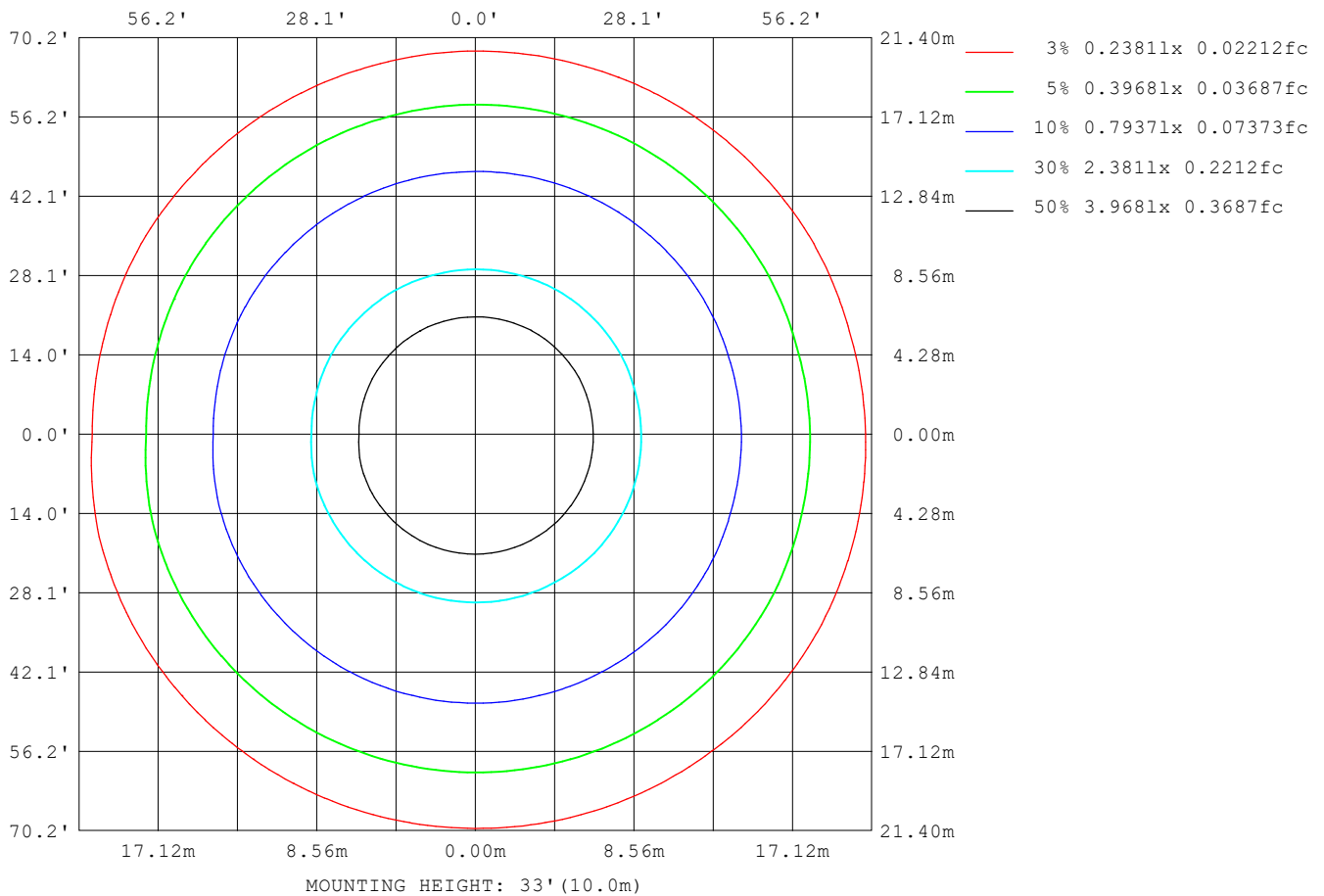
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

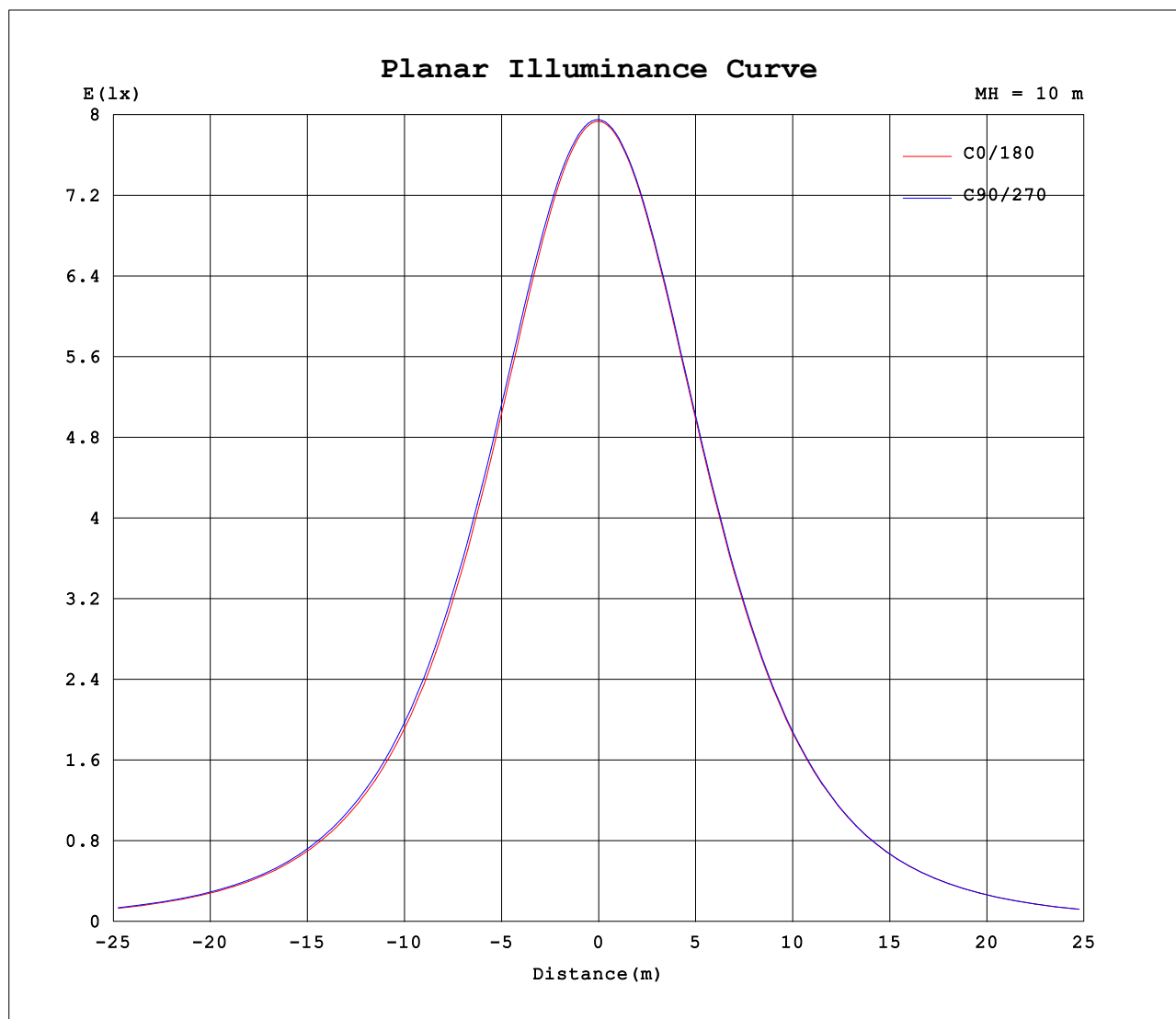
AvgL	cd/m2
L_0~180 (65) av	67807
L_0~180 (75) av	57525
L_0~180 (85) av	37712
L_90~270 (65) av	68999
L_90~270 (75) av	59368
L_90~270 (85) av	43837
L_45 (65) av	69819
L_45 (75) av	60728
L_45 (85) av	47319

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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	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	793	797	797	795	795	795	795	797	798	799	800	801	793	797	797	795	795	795	795
5	791	794	795	794	794	794	794	795	796	797	797	798	789	792	792	791	791	791	791
10	781	785	786	786	786	786	786	788	788	788	788	788	779	781	781	780	780	780	780
15	765	770	771	772	772	773	773	774	774	773	772	771	761	763	764	762	763	763	764
20	743	748	750	752	752	753	752	754	753	752	750	749	737	739	740	739	740	740	741
25	714	720	722	725	725	727	726	727	726	724	722	719	707	708	710	709	710	710	711
30	679	686	688	692	692	694	693	694	693	691	687	684	671	672	674	673	675	674	676
35	639	645	649	653	653	655	654	655	653	651	647	643	629	630	632	631	633	632	634
40	593	600	604	609	609	610	609	610	608	606	601	597	581	582	585	584	586	584	586
45	542	549	554	559	559	560	558	559	557	556	550	545	529	530	533	531	533	531	533
50	486	493	499	504	503	505	502	503	501	500	494	490	473	472	477	474	476	473	476
55	427	431	440	443	443	441	441	440	440	437	434	427	409	411	413	412	411	410	411
60	363	367	376	378	378	377	375	375	374	372	369	362	344	346	348	347	345	344	345
65	296	304	310	311	310	309	307	306	305	305	302	295	277	279	281	278	277	275	276
70	226	236	240	242	240	239	236	236	235	235	232	226	208	209	212	207	208	205	207
75	158	168	172	174	170	170	166	167	165	166	162	158	140	142	145	141	141	139	141
80	94.0	103	107	109	106	106	102	103	101	101	98.3	94.0	76.9	79.7	83.0	80.0	80.3	78.0	80.0
85	39.9	48.6	52.2	53.0	50.1	49.2	46.1	46.7	44.7	45.5	43.5	40.0	25.9	29.8	32.5	30.1	30.4	28.9	30.3
90	7.47	13.3	15.1	13.5	9.96	7.54	0.73	6.10	7.15	9.37	10.8	9.50	3.06	7.80	8.18	5.70	4.25	2.96	1.29
95	3.43	6.91	6.89	4.17	1.92	0.62	0.61	0.65	1.10	3.14	5.73	6.03	2.27	5.71	5.31	2.89	0.84	0.48	0.40
100	2.60	3.91	3.00	1.07	0.67	0.65	0.61	0.65	0.68	0.71	1.02	1.55	0.87	0.92	0.58	0.41	0.38	0.38	0.38
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:1.2760A P:30.624W PF:1.0000 Freq:0Hz Lamp Flux:2329.05x1 lm		
NAME: 24-700-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	797	798	799	800	801														
5	793	794	795	796	797														
10	782	784	784	786	786														
15	765	767	768	769	769														
20	742	744	744	746	745														
25	712	715	714	716	715														
30	676	679	679	681	680														
35	634	638	637	639	638														
40	587	591	590	593	591														
45	534	538	538	541	539														
50	476	481	481	485	483														
55	413	417	420	422	422														
60	347	351	355	358	358														
65	278	283	286	291	290														
70	208	214	216	222	220														
75	141	147	148	154	152														
80	80.9	85.3	87.0	91.7	89.8														
85	31.2	34.9	36.4	40.3	38.4														
90	3.81	5.95	8.07	11.1	10.6														
95	0.47	1.45	3.59	6.26	6.78														
100	0.38	0.38	0.67	2.38	3.30														
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%
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 Remarks: