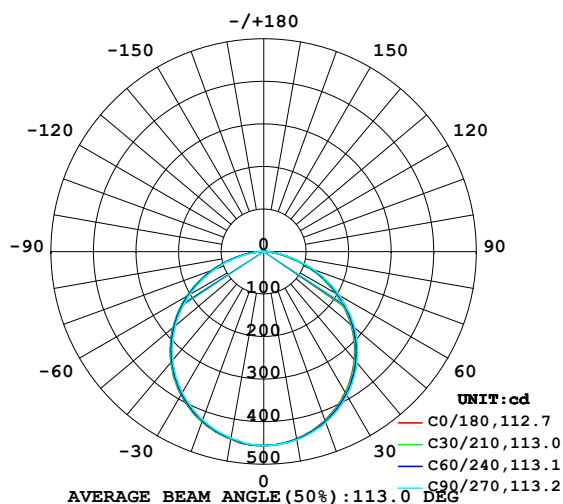


LUMINAIRE PHOTOMETRIC TEST REPORT

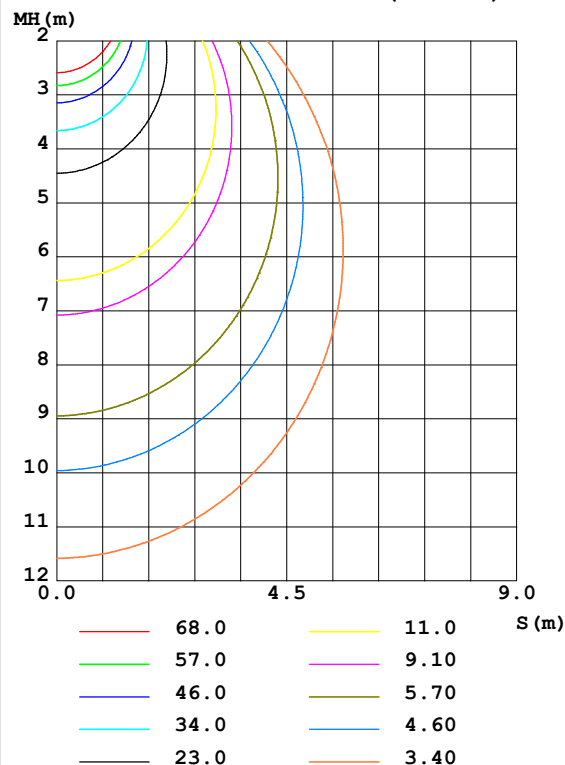
Test:U:24.000V I:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.84 lm/W			
MODEL		I _{max} (cd)	456.3	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1300.6	η UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	1300.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	100.0	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:

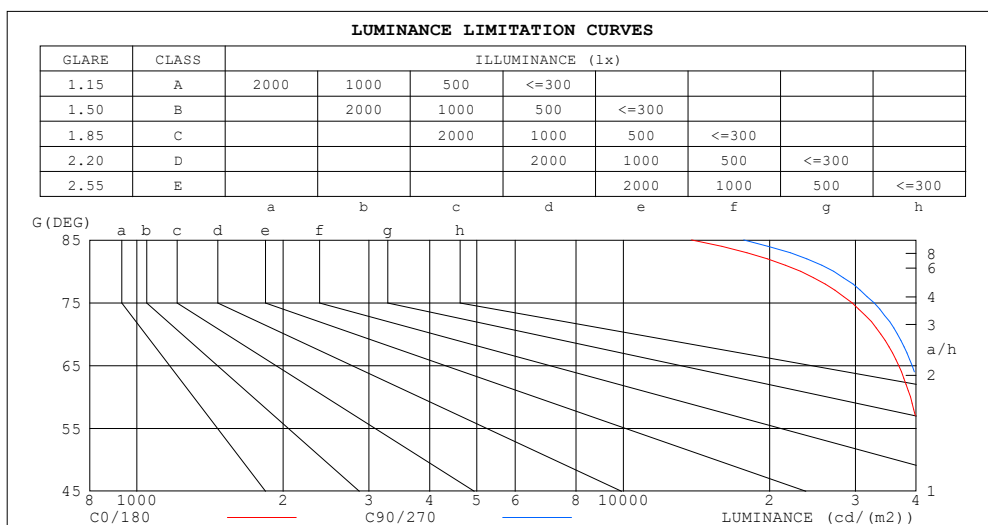
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	446.6	445.9	449.3	448.3	447.4	448.0	444.6	445.2	0- 10	43.10	43.10	3.31,3.31
20	421.8	422.9	427.5	427.8	425.4	424.9	420.7	419.9	10- 20	123.4	166.5	12.8,12.8
30	383.0	385.4	391.1	392.4	389.1	388.1	383.0	380.7	20- 30	187.6	354.1	27.2,27.2
40	331.4	334.8	341.4	343.5	339.5	338.1	332.6	328.8	30- 40	227.0	581.1	44.7,44.7
50	268.4	272.3	279.2	282.6	278.7	276.7	271.0	265.7	40- 50	236.4	817.5	62.9,62.9
60	194.7	199.7	205.2	211.2	207.7	203.7	199.5	191.8	50- 60	213.4	1031	79.3,79.3
70	115.8	120.2	125.2	132.3	129.9	126.8	121.4	113.4	60- 70	161.0	1192	91.6,91.6
80	40.21	42.95	47.00	53.70	51.79	50.47	45.74	38.64	70- 80	88.29	1280	98.4,98.4
90	0.9006	1.266	0.5359	1.460	0.6280	0.7893	0.1502	0.7631	80- 90	19.91	1300	100,100
100	0.4581	0.3905	0.4656	0.4131	0.2704	0.2178	0.1878	0.2178	90-100	0.4930	1301	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0186	1301	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1301	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1301	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1301	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1301	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1301	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1301	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1301	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

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13816	17678
80	23158	27066
75	29520	32771
70	33850	36608
65	36819	39253
60	38932	41042
55	40388	42386
50	41757	43441
45	42606	44101

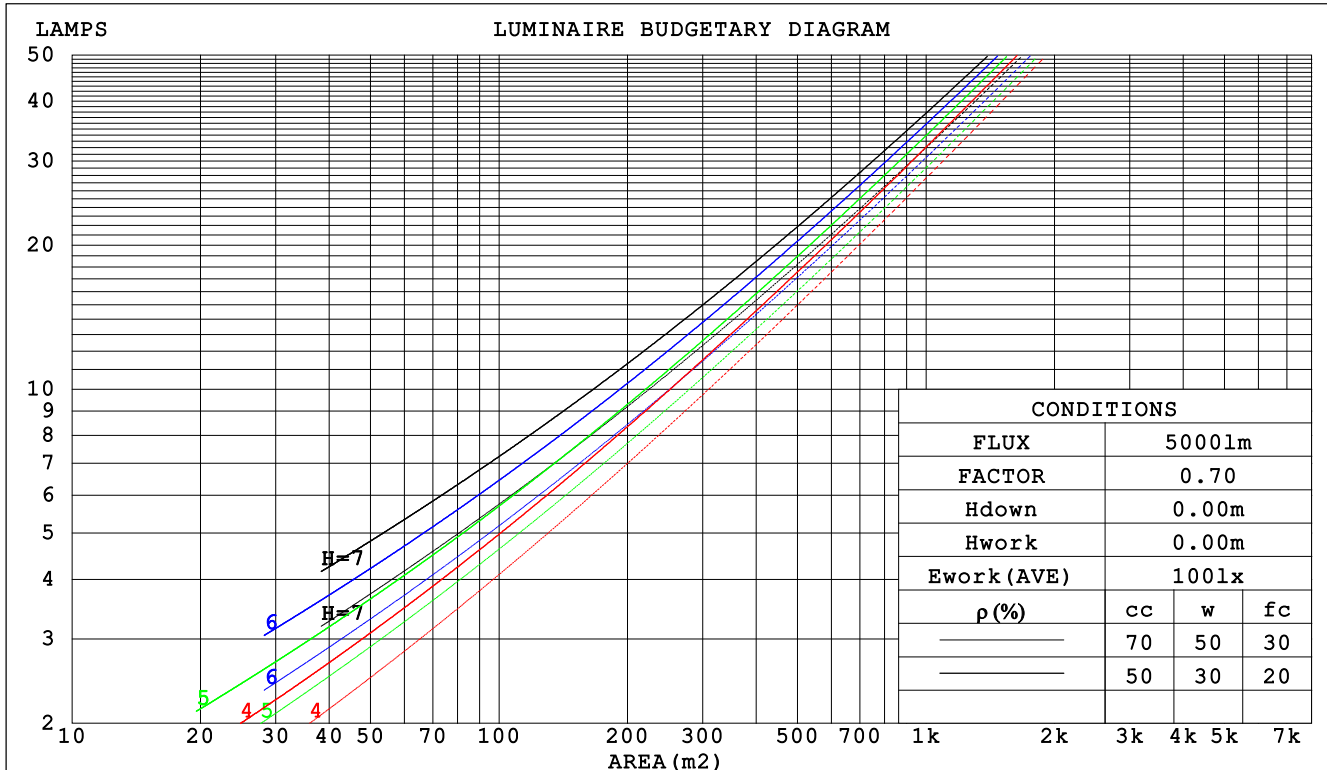
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-21

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	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	.00	.96	1.02	.98	.94	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.45	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.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

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm					
NAME: 24-120-22			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	.306	.174	.055	.298	.170	.054	.285	.164	.052	.273	.157	.051	.262	.152	.049		
2.0	.289	.159	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045		
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040		
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036		
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.210	.111	.033	.203	.108	.033		
6.0	.213	.107	.031	.209	.106	.030	.202	.104	.030	.195	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.025	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.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	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.099	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.128	.079	.041	.088	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.142	.083	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.061	.025	.077	.043	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.026	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.008	.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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm										
NAME: 24-120-22					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	25.7	27.2	26.0	27.4	27.6	25.9	27.4	26.2	27.6	27.8
3H	27.1	28.5	27.4	28.8	29.0	27.4	28.8	27.7	29.0	29.3
4H	27.6	29.0	27.9	29.2	29.5	27.9	29.3	28.3	29.5	29.8
6H	27.9	29.2	28.2	29.4	29.7	28.3	29.6	28.6	29.8	30.1
8H	28.0	29.2	28.3	29.5	29.8	28.4	29.6	28.7	29.9	30.2
12H	28.0	29.1	28.3	29.4	29.7	28.4	29.6	28.8	29.9	30.2
4H 2H	26.3	27.7	26.6	27.9	28.2	26.5	27.8	26.8	28.1	28.3
3H	27.9	29.1	28.2	29.4	29.7	28.1	29.3	28.5	29.6	29.9
4H	28.5	29.6	28.9	29.9	30.2	28.8	29.9	29.2	30.2	30.5
6H	28.9	29.8	29.3	30.2	30.6	29.2	30.2	29.6	30.5	30.9
8H	29.0	29.9	29.4	30.2	30.6	29.4	30.3	29.8	30.6	31.0
12H	29.0	29.8	29.4	30.2	30.6	29.4	30.2	29.9	30.6	31.0
8H 4H	28.7	29.6	29.1	30.0	30.4	29.0	29.9	29.4	30.2	30.6
6H	29.2	30.0	29.7	30.4	30.8	29.6	30.3	30.0	30.7	31.1
8H	29.4	30.0	29.8	30.5	30.9	29.7	30.4	30.2	30.8	31.3
12H	29.5	30.0	29.9	30.5	30.9	29.8	30.4	30.3	30.9	31.3
12H 4H	28.7	29.5	29.2	29.9	30.3	29.0	29.8	29.4	30.2	30.6
6H	29.3	29.9	29.7	30.3	30.8	29.6	30.2	30.0	30.7	31.1
8H	29.4	30.0	29.9	30.4	30.9	29.8	30.4	30.3	30.8	31.3
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, 1301 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.9$)

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

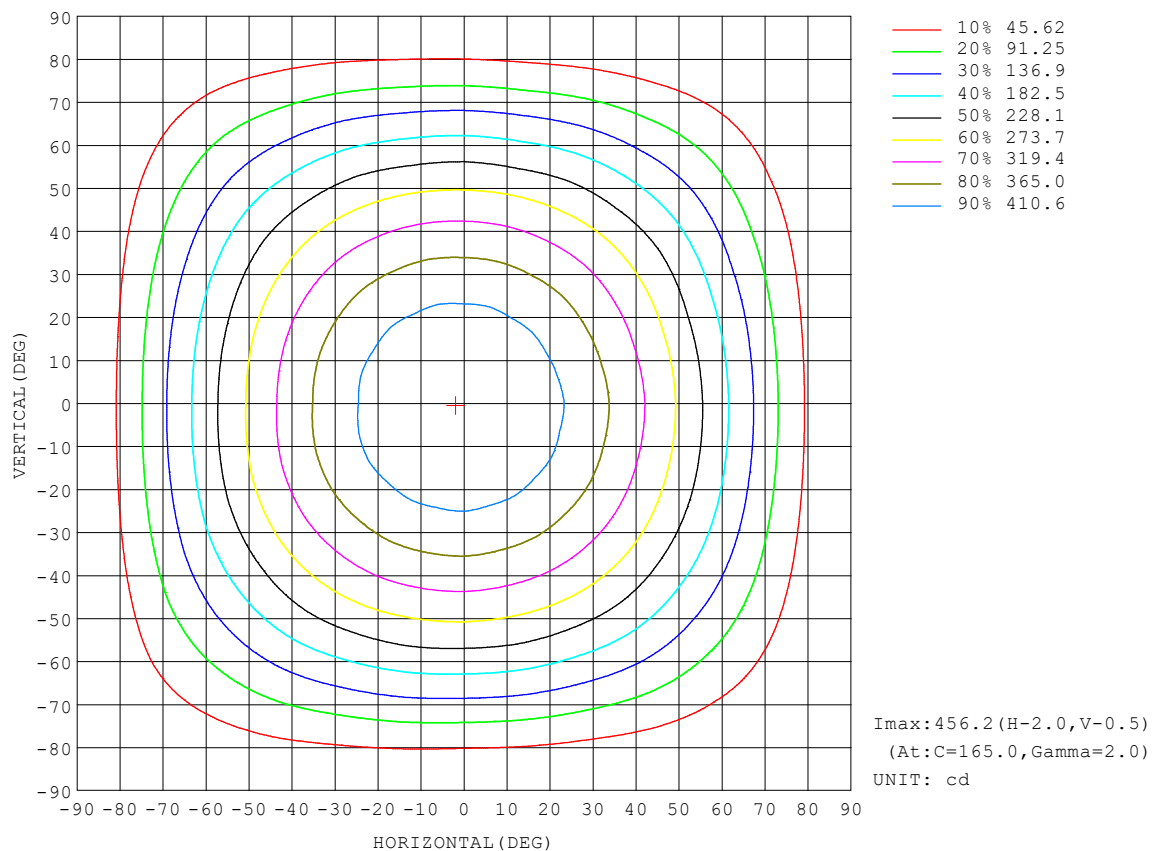
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	87	77	71	84	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	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

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

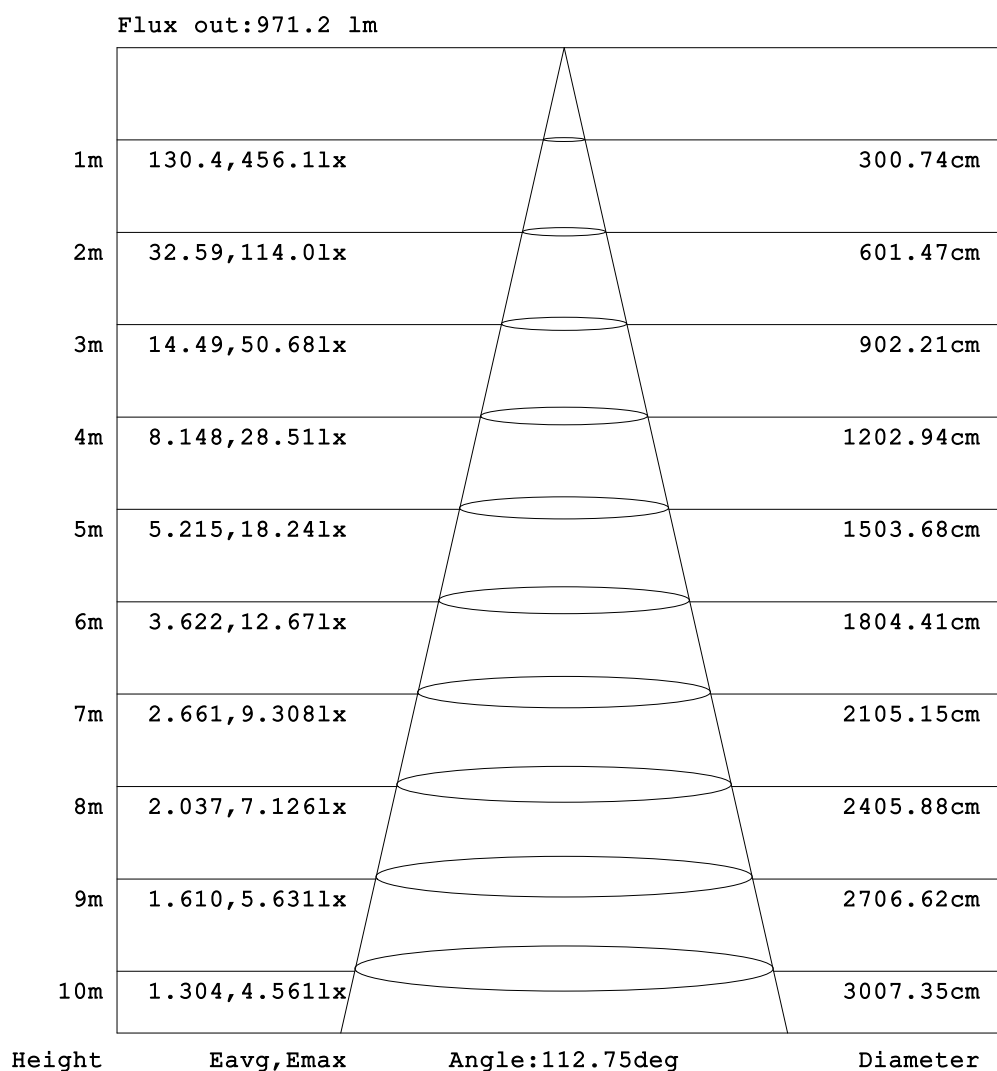


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-21

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:

AAI Figure

Test:U:24.000V I:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



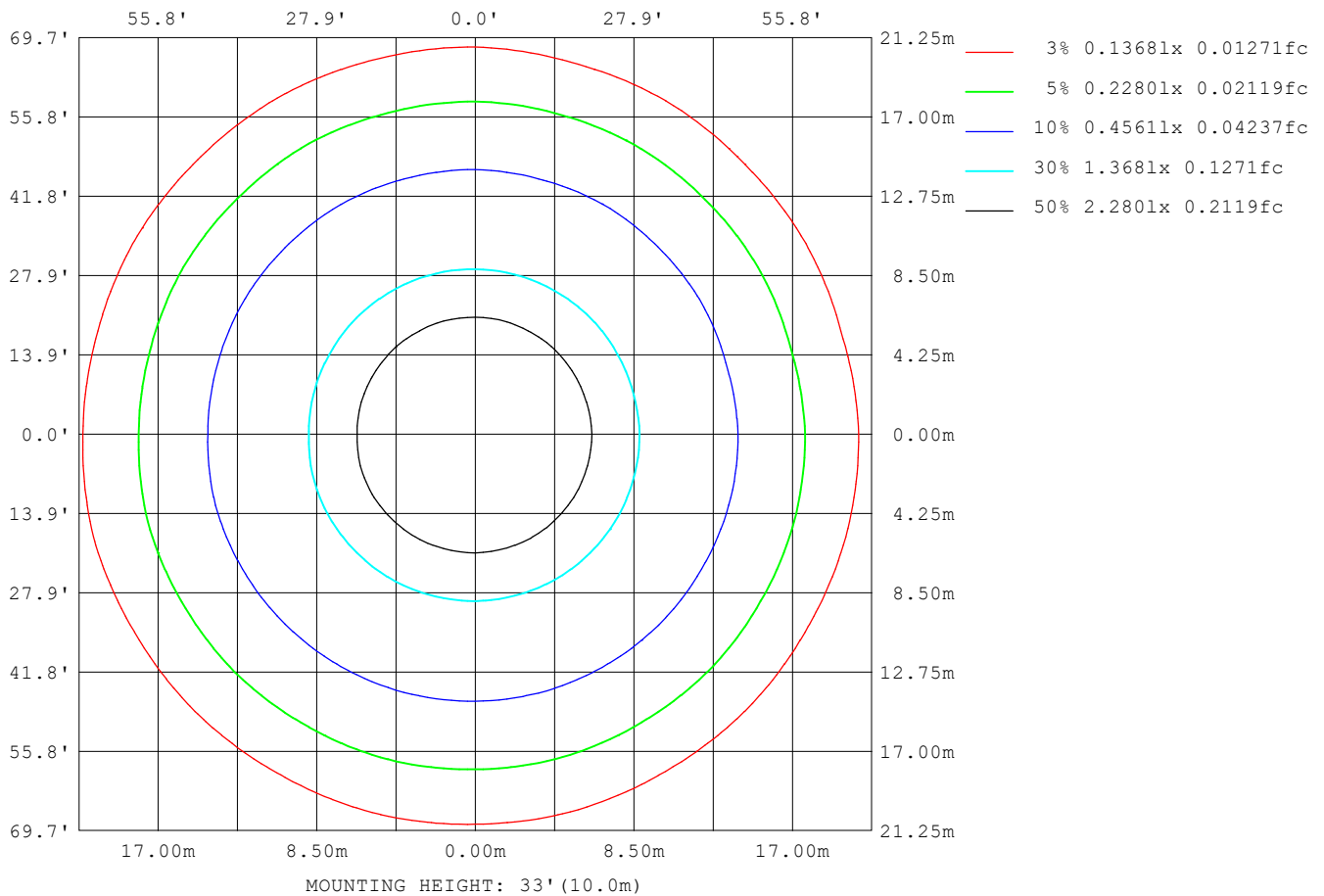
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

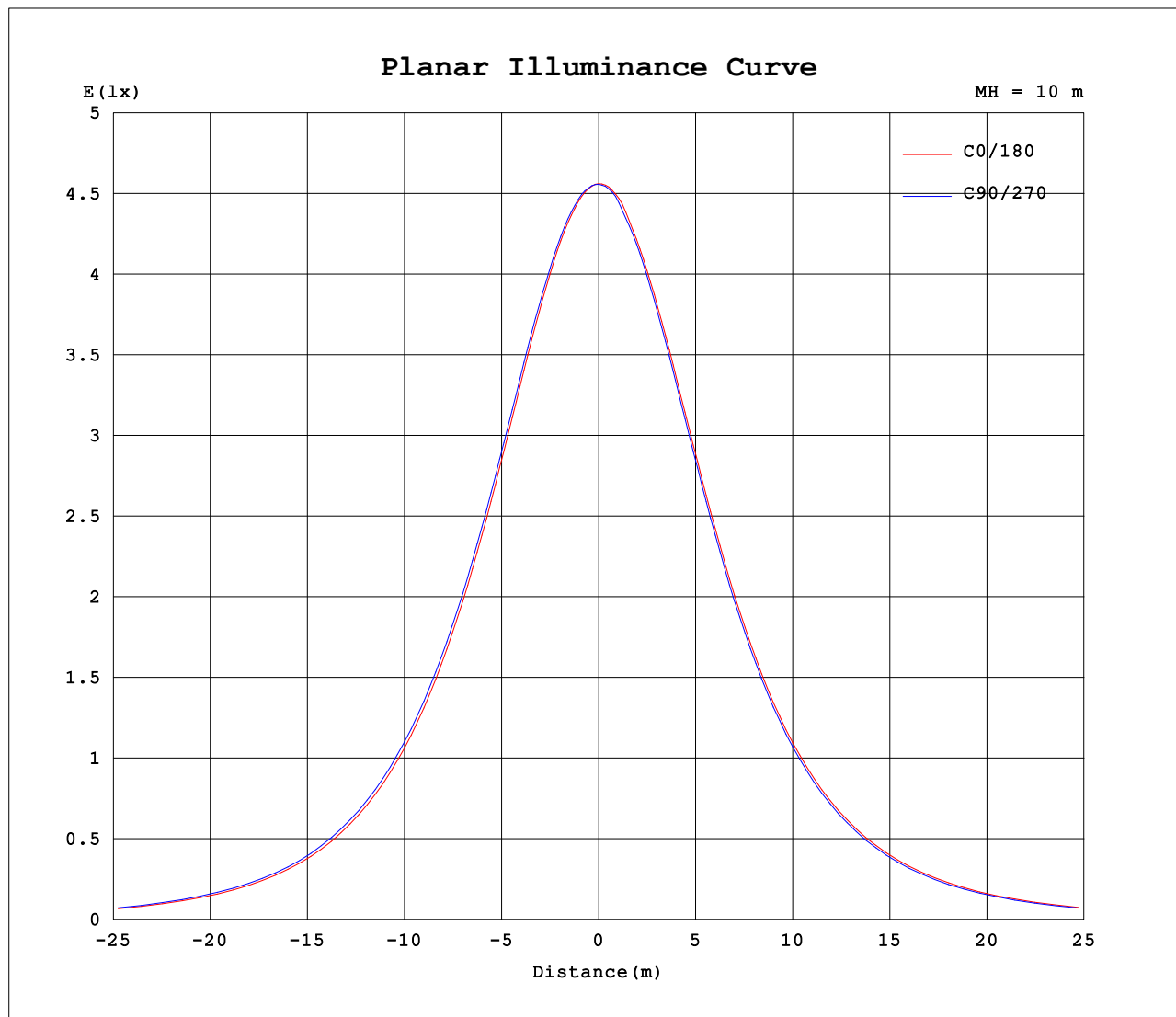
AvgL	cd/m2
L_0~180 (65) av	38452
L_0~180 (75) av	32141
L_0~180 (85) av	17028
L_90~270 (65) av	38680
L_90~270 (75) av	32260
L_90~270 (85) av	17422
L_45 (65) av	38532
L_45 (75) av	32113
L_45 (85) av	18562

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

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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	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	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456
5	453	454	454	454	454	455	455	455	455	455	455	455	455	454	454	454	454	453	453
10	447	445	447	446	448	447	449	448	450	448	450	449	447	449	447	448	446	447	445
15	436	435	437	436	439	438	440	439	441	440	442	440	438	439	437	438	436	437	434
20	422	421	423	423	425	425	427	427	429	428	429	428	425	426	424	425	423	423	421
25	404	404	406	406	408	408	411	411	412	412	413	412	409	410	408	408	406	406	403
30	383	383	385	385	388	389	391	391	393	392	394	392	389	390	388	388	386	385	383
35	359	359	361	362	364	365	368	368	370	370	371	370	366	366	365	364	362	362	359
40	331	331	334	335	337	339	341	342	343	343	345	344	340	340	338	338	336	335	333
45	301	302	304	305	308	310	312	313	314	315	316	315	310	310	309	308	307	305	303
50	268	269	271	272	275	277	279	280	282	283	283	283	279	279	278	277	275	273	271
55	232	234	234	237	239	242	243	246	247	248	249	249	244	244	243	241	240	237	236
60	195	196	197	200	201	204	205	208	209	211	211	213	208	206	207	204	204	200	199
65	156	157	157	161	161	165	166	169	170	172	172	174	169	168	169	166	166	162	161
70	116	117	117	120	121	124	125	129	129	132	132	135	130	129	129	127	126	123	121
75	76.4	77.7	77.3	79.9	80.5	83.7	84.8	88.1	88.8	92.0	92.3	94.6	90.0	89.1	89.8	87.2	86.7	83.5	82.2
80	40.2	41.2	41.1	43.0	43.3	46.1	47.0	50.2	51.1	53.7	54.1	56.1	51.8	51.2	52.1	50.5	50.0	47.2	45.7
85	12.0	12.8	13.1	14.3	14.5	15.5	15.4	17.9	18.8	20.8	20.5	21.5	17.6	17.6	19.2	18.3	18.2	16.0	15.0
90	0.90	1.07	1.13	1.27	1.36	1.35	0.54	1.35	1.42	1.46	1.34	1.24	0.63	0.72	0.78	0.79	0.87	0.71	0.15
95	0.69	0.53	0.56	0.58	0.55	0.36	0.40	0.49	0.55	0.48	0.62	0.56	0.27	0.32	0.26	0.31	0.20	0.19	0.18
100	0.46	0.57	0.51	0.39	0.40	0.54	0.47	0.40	0.41	0.41	0.46	0.56	0.27	0.28	0.24	0.22	0.21	0.23	0.19
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:0.7760A P:18.624W PF:1.0000 Freq:0Hz Lamp Flux:1300.64x1 lm		
NAME: 24-120-22	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	456	456	456	456	456														
5	453	453	452	453	453														
10	446	444	445	444	445														
15	435	433	435	433	434														
20	421	419	420	418	420														
25	404	401	402	400	401														
30	383	381	381	379	380														
35	359	356	356	355	355														
40	332	329	329	327	327														
45	302	299	299	297	297														
50	269	267	266	264	264														
55	232	232	228	229	226														
60	196	195	192	192	189														
65	156	156	152	153	150														
70	117	117	113	113	111														
75	78.0	77.2	73.4	73.7	71.7														
80	42.6	41.4	38.6	38.1	36.3														
85	13.2	12.9	11.4	11.1	9.80														
90	0.73	0.81	0.76	0.64	0.58														
95	0.17	0.20	0.33	0.30	0.38														
100	0.20	0.20	0.22	0.22	0.25														
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: