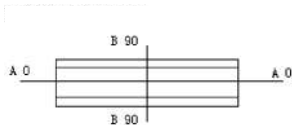
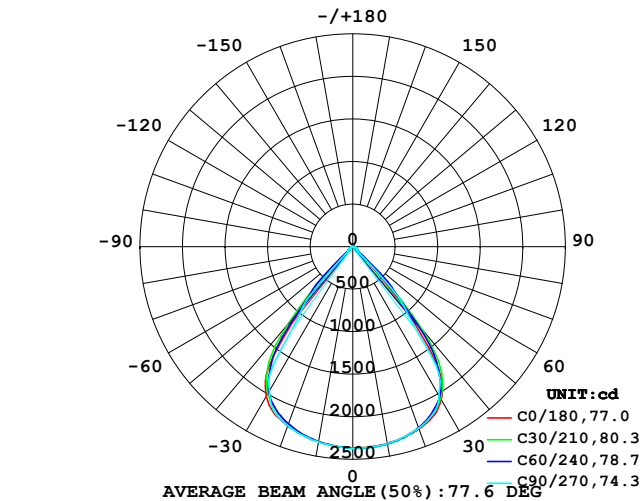


## LUMINAIRE PHOTOMETRIC TEST REPORT

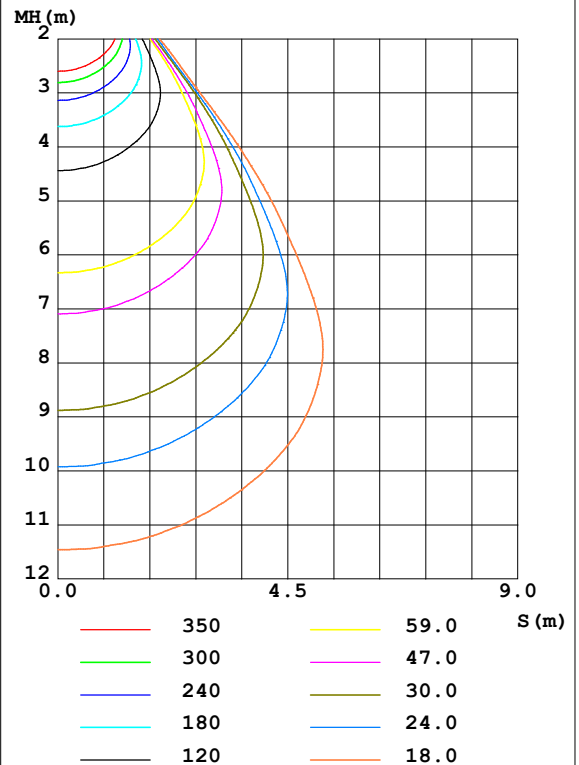
Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.78 lm/W			
MODEL		I <sub>max</sub> (cd)	2371	S/MH (C0/180)	1.11
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.06
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3335.0	η UP,DN(C0-180)	0.0,51.4
NOMINAL FLUX(lm)	3335.01	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	221.2	η down (%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
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	2350	2358	2350	2344	2327	2325	2332	2338	0- 10	224.7	224.7	6.74,6.74
20	2278	2263	2267	2243	2243	2207	2240	2226	10- 20	650.5	875.2	26.2,26.2
30	2076	2047	2028	2020	2033	1963	1962	1977	20- 30	993.7	1869	56,56
40	979.5	1341	965.5	1363	953.2	1227	905.1	1154	30- 40	1023	2892	86.7,86.7
50	66.58	134.9	75.50	175.4	67.63	90.26	70.17	84.58	40- 50	329.6	3222	96.6,96.6
60	46.26	52.30	49.95	53.83	46.86	49.35	46.19	47.85	50- 60	54.96	3277	98.3,98.3
70	25.27	26.78	28.59	28.60	26.32	23.67	23.79	22.42	60- 70	37.71	3314	99.4,99.4
80	6.950	8.345	8.792	9.190	7.280	6.312	5.984	5.750	70- 80	16.40	3331	99.9,99.9
90	0.5056	1.421	0.8807	1.721	0.0996	0.1188	0.0335	0.1015	80- 90	3.804	3335	100,100
100	0.6362	0.6027	0.5274	0.6362	0.0251	0.0419	0.0335	0.0419	90-100	0.3711	3335	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0176	3335	100,100
120	0	0	0	0	0	0	0	0	110-120	0	3335	100,100
130	0	0	0	0	0	0	0	0	120-130	0	3335	100,100
140	0	0	0	0	0	0	0	0	130-140	0	3335	100,100
150	0	0	0	0	0	0	0	0	140-150	0	3335	100,100
160	0	0	0	0	0	0	0	0	150-160	0	3335	100,100
170	0	0	0	0	0	0	0	0	160-170	0	3335	100,100
180	0	0	0	0	0	0	0	0	170-180	0	3335	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3154 lm

%lum = 94.6%

%lamp = 94.6%

Conical surface Flux(120deg): 3276.7 lm

%lum = 98.3%

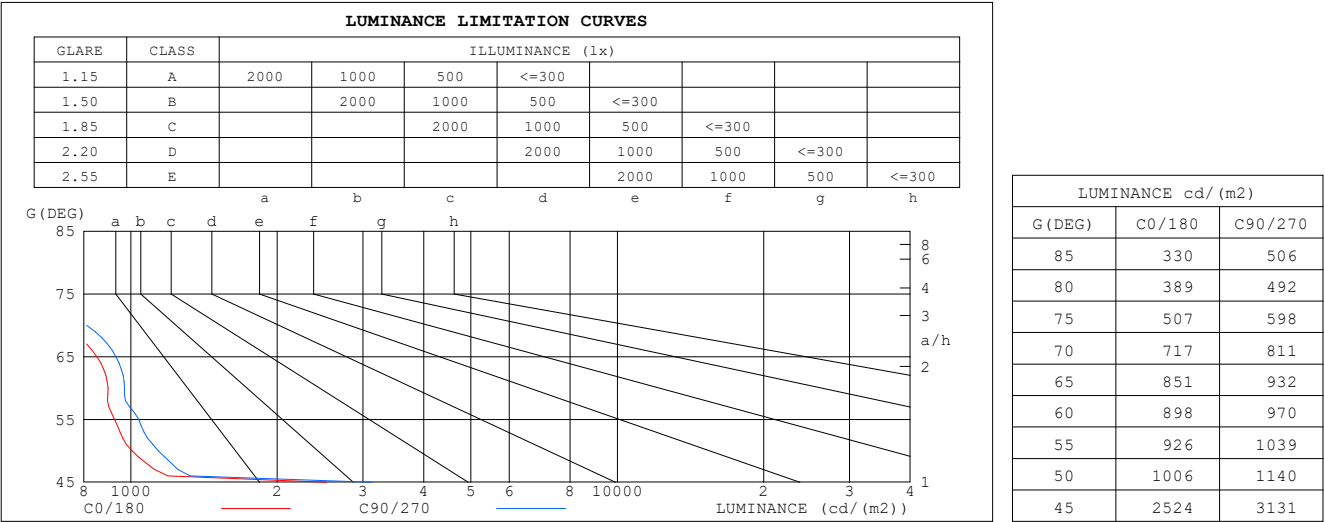
%lamp = 98.3%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



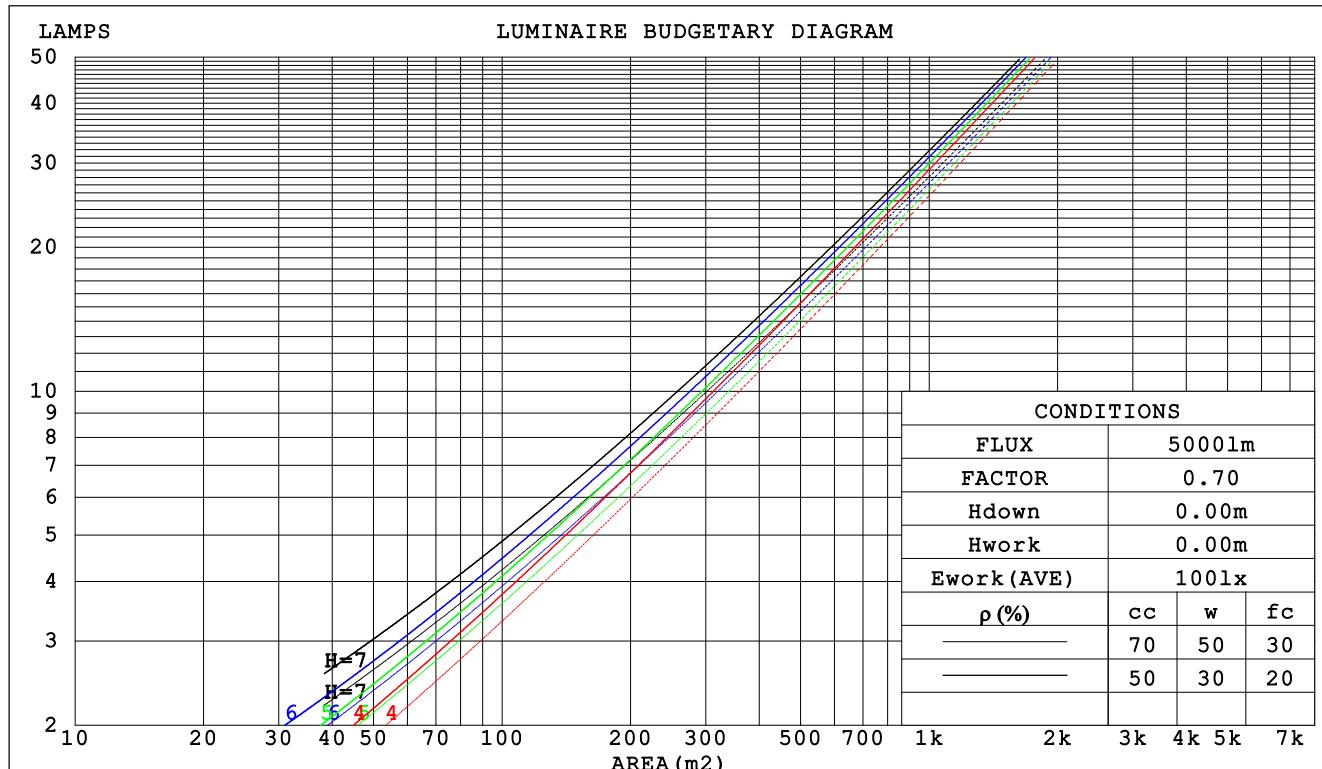
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	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						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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.82	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.86	.80	.75	.85	.79	.75	.83	.78	.74	.81	.76	.73	.79	.75	.72	.70
5.0	.80	.73	.68	.79	.72	.68	.77	.71	.67	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.67	.62	.73	.67	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.59
7.0	.69	.62	.57	.68	.62	.57	.66	.61	.57	.65	.60	.56	.64	.60	.56	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.52	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.47
10.0	.56	.49	.45	.55	.49	.45	.54	.49	.45	.54	.48	.45	.53	.48	.45	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: SENPU  
Test Date: 2024-06-14

```

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

```

## WEC AND CCEC

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	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	.197	.112	.035	.190	.108	.034	.177	.102	.032	.166	.096	.031	.155	.090	.029	
2.0	.190	.104	.032	.184	.102	.031	.174	.097	.030	.164	.092	.029	.154	.087	.028	
3.0	.182	.097	.029	.177	.095	.029	.168	.091	.028	.159	.087	.027	.151	.084	.026	
4.0	.174	.090	.027	.169	.089	.026	.161	.085	.026	.154	.082	.025	.147	.080	.024	
5.0	.166	.084	.024	.162	.083	.024	.155	.081	.024	.148	.078	.023	.142	.076	.023	
6.0	.158	.079	.023	.155	.078	.022	.148	.076	.022	.142	.074	.022	.137	.072	.021	
7.0	.151	.075	.021	.148	.074	.021	.142	.072	.021	.137	.070	.020	.132	.069	.020	
8.0	.144	.070	.020	.142	.070	.020	.136	.068	.019	.132	.067	.019	.127	.065	.019	
9.0	.138	.067	.019	.136	.066	.019	.131	.065	.018	.127	.064	.018	.123	.062	.018	
10.0	.132	.063	.018	.130	.063	.018	.126	.062	.017	.122	.061	.017	.118	.059	.017	

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.087	.127	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.119	.086	.061	.082	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.112	.076	.050	.077	.053	.035	.045	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.106	.069	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.101	.062	.035	.070	.044	.025	.041	.026	.015	.013	.008	.005	
8.0	.112	.066	.034	.096	.057	.030	.067	.040	.021	.039	.024	.013	.013	.008	.004	
9.0	.107	.061	.030	.092	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.102	.056	.026	.088	.049	.023	.061	.035	.016	.036	.020	.010	.012	.007	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm										
NAME: G2-MP25-WW9480DA					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	16.1	17.2	16.3	17.3	17.5	16.2	17.3	16.5	17.5	17.7
3H	16.0	17.0	16.2	17.2	17.4	16.1	17.1	16.4	17.3	17.5
4H	15.9	16.8	16.2	17.1	17.3	16.1	17.0	16.3	17.2	17.4
6H	15.8	16.7	16.1	16.9	17.2	16.0	16.9	16.3	17.1	17.4
8H	15.8	16.6	16.1	16.9	17.1	15.9	16.8	16.3	17.0	17.3
12H	15.7	16.5	16.1	16.8	17.1	15.9	16.7	16.2	17.0	17.3
4H 2H	15.8	16.8	16.1	17.0	17.2	16.0	16.9	16.3	17.1	17.4
3H	15.8	16.6	16.1	16.8	17.1	15.9	16.7	16.2	17.0	17.3
4H	15.7	16.4	16.1	16.7	17.0	15.9	16.6	16.2	16.9	17.2
6H	15.6	16.3	16.0	16.6	17.0	15.8	16.4	16.2	16.8	17.1
8H	15.6	16.2	16.0	16.5	16.9	15.8	16.4	16.2	16.7	17.1
12H	15.6	16.1	16.0	16.5	16.9	15.7	16.3	16.2	16.6	17.0
8H 4H	15.6	16.2	16.0	16.5	16.9	15.8	16.3	16.1	16.7	17.1
6H	15.5	16.0	16.0	16.4	16.8	15.7	16.2	16.1	16.6	17.0
8H	15.5	15.9	15.9	16.3	16.8	15.7	16.1	16.1	16.5	17.0
12H	15.5	15.8	15.9	16.3	16.7	15.6	16.0	16.1	16.4	16.9
12H 4H	15.5	16.1	16.0	16.4	16.8	15.7	16.2	16.1	16.6	17.0
6H	15.5	15.9	15.9	16.3	16.8	15.7	16.1	16.1	16.5	16.9
8H	15.5	15.8	15.9	16.3	16.7	15.6	16.0	16.1	16.4	16.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.5 / - 8.9					+ 2.4 / - 7.7				
1.5H	+ 5.0 / - 8.7					+ 4.7 / - 7.4				
2.0H	+ 3.3 / - 0.8					+ 4.0 / - 1.0				

CIE Pub.117, 3335 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.2$ )  
Area: 0.103 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

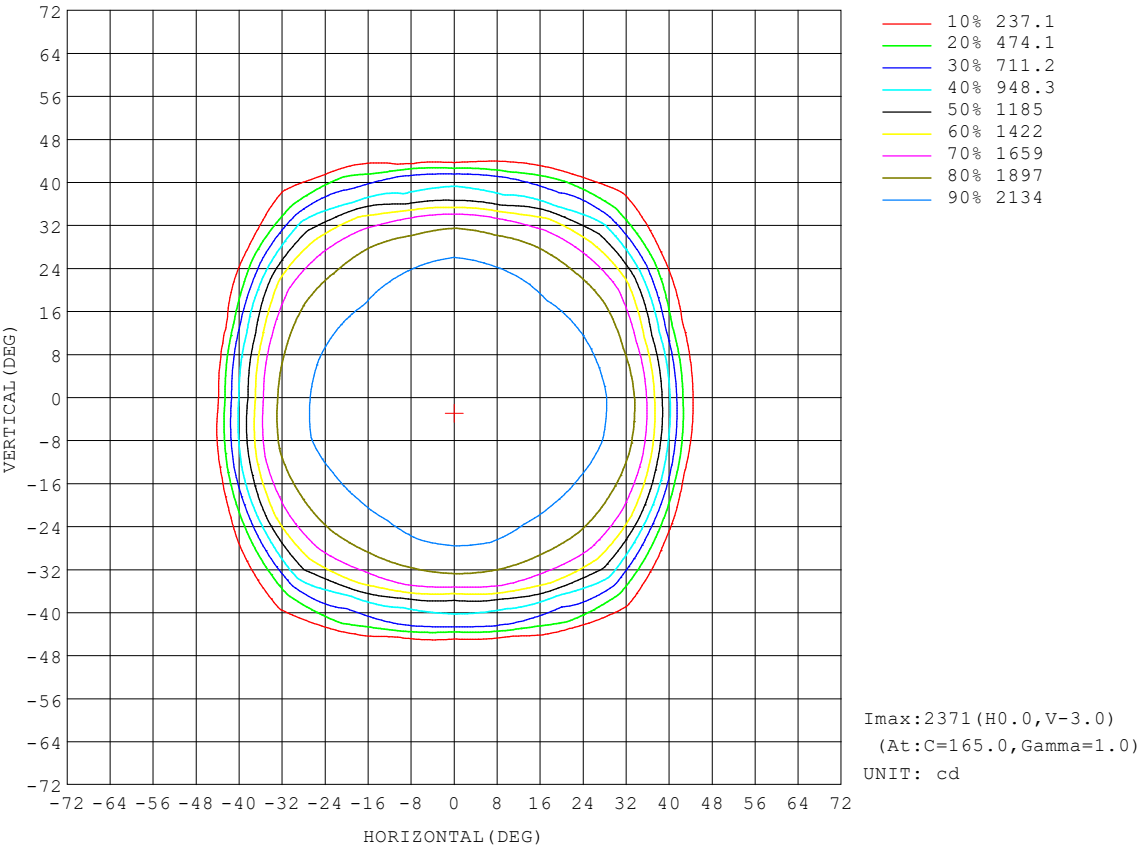
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	91	84	80	89	84	80	76
1.00	97	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	95	100	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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: 25DEG  
 Operators: SENPU  
 Test Date: 2024-06-14

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
 Humidity: 61%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz		
Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



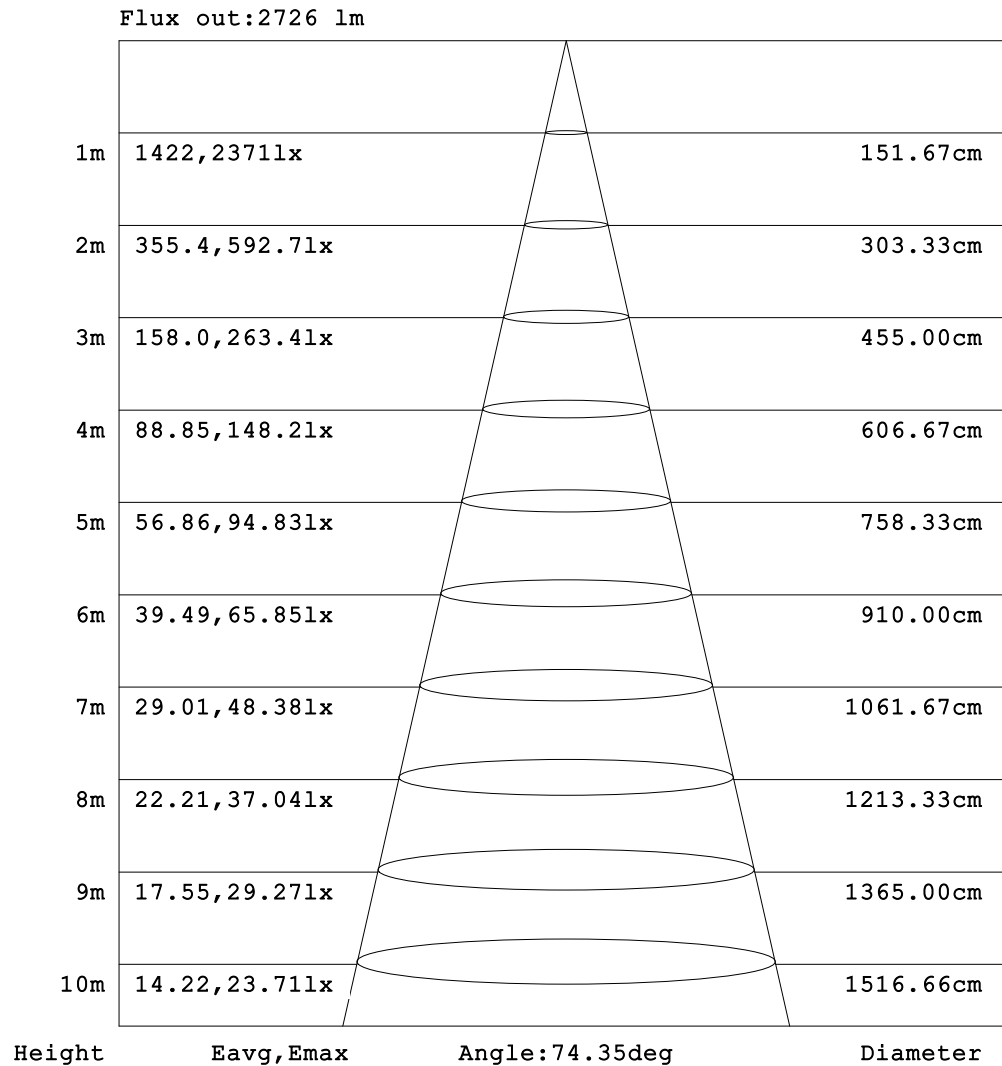
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



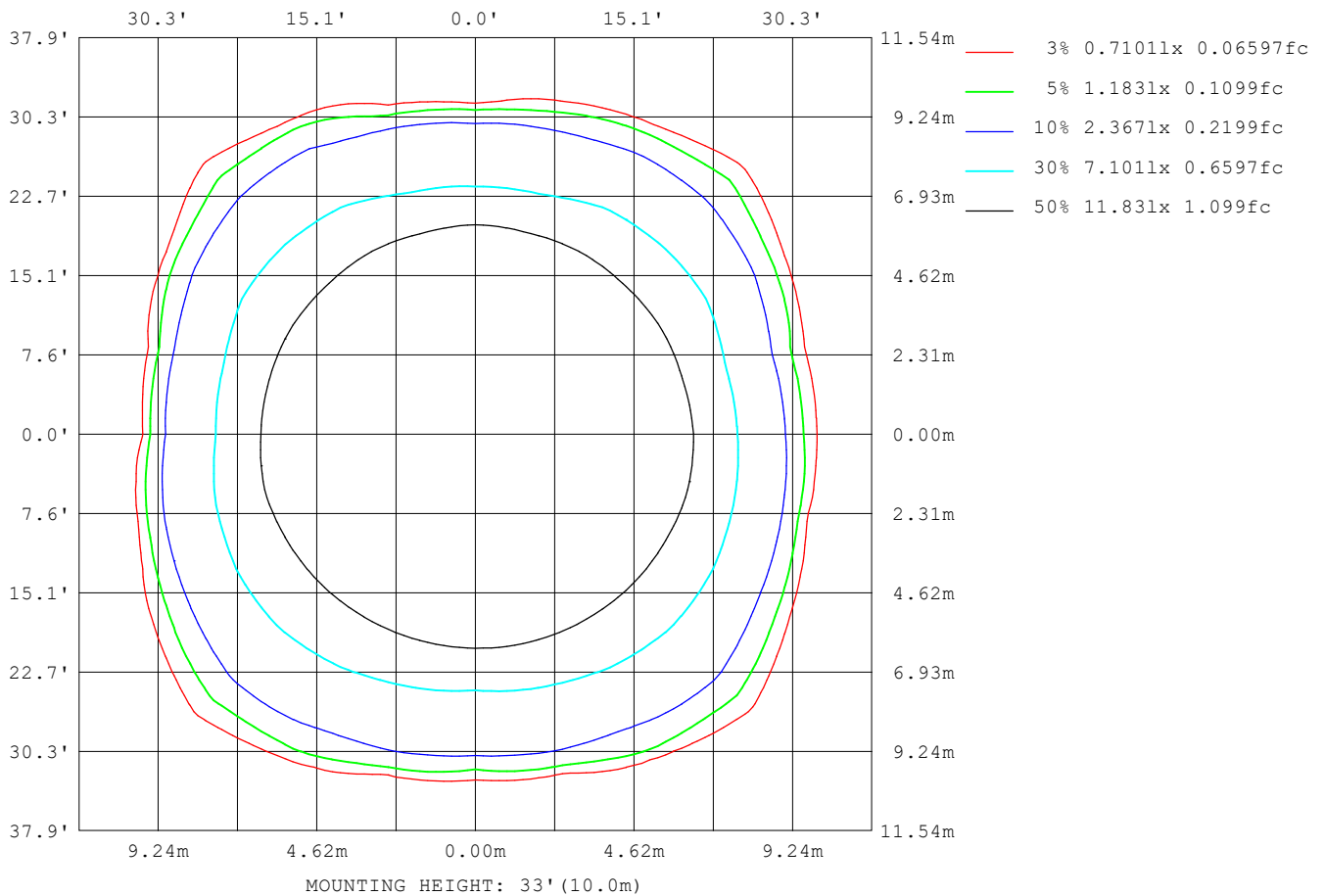
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

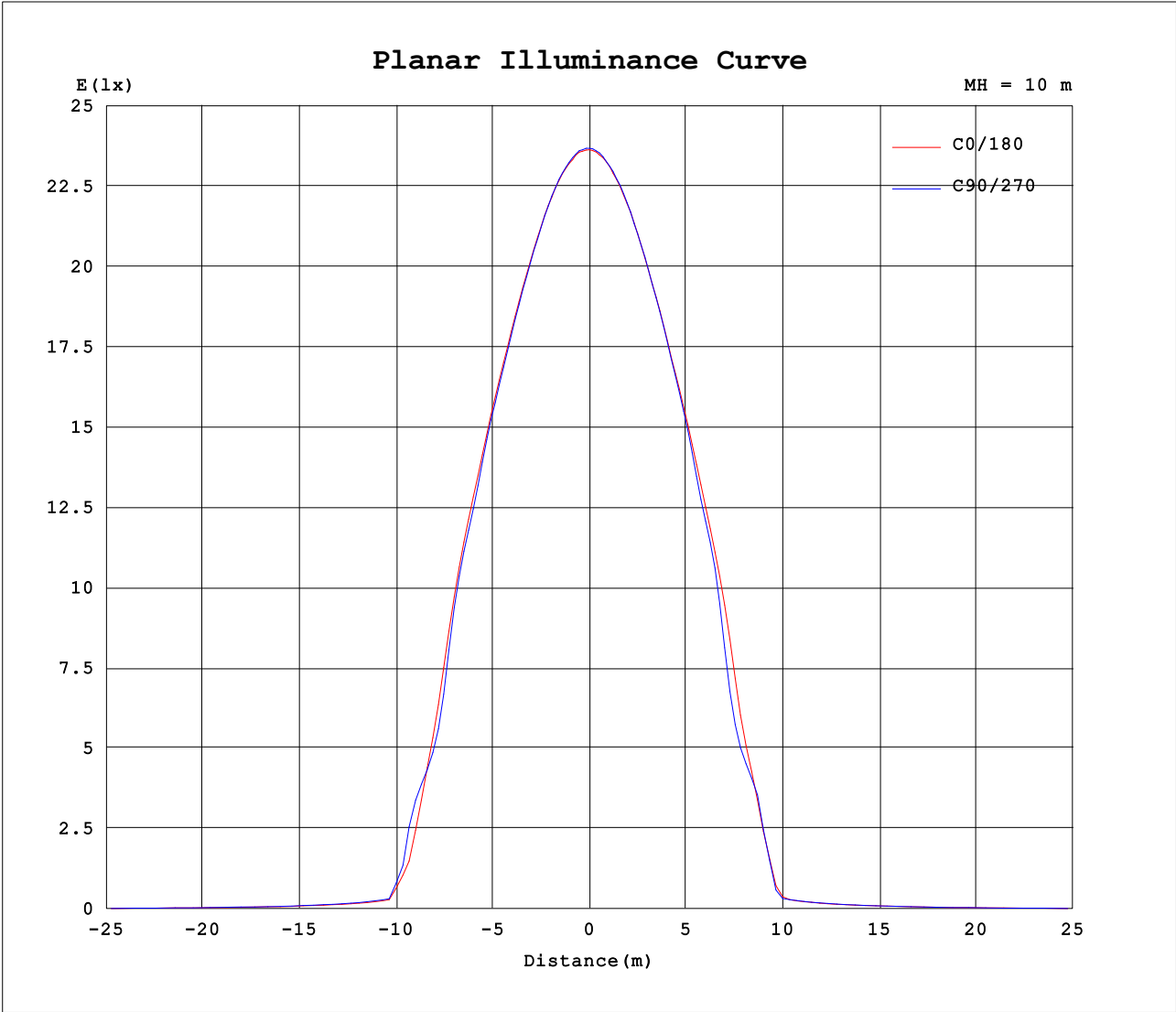
AvgL	cd/m2
L_0~180 (65) av	862
L_0~180 (75) av	518
L_0~180 (85) av	327
L_90~270 (65) av	880
L_90~270 (75) av	531
L_90~270 (85) av	369
L_45 (65) av	870
L_45 (75) av	536
L_45 (85) av	354

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	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	2364	2365	2363	2364	2364	2369	2368	2367	2369	2368	2371	2369	2364	2365	2363	2364	2364	2369	2368	
5	2359	2365	2368	2367	2366	2369	2366	2366	2364	2365	2362	2361	2353	2350	2352	2351	2352	2354	2354	
10	2350	2355	2357	2358	2353	2353	2350	2350	2343	2344	2342	2341	2327	2326	2327	2325	2325	2326	2332	
15	2322	2326	2324	2323	2320	2322	2316	2314	2306	2305	2303	2306	2292	2285	2283	2277	2282	2283	2293	
20	2278	2283	2269	2263	2262	2273	2267	2261	2241	2243	2246	2255	2243	2230	2219	2207	2214	2229	2240	
25	2213	2218	2188	2173	2176	2195	2194	2179	2152	2151	2165	2186	2171	2154	2131	2108	2122	2139	2157	
30	2076	2091	2063	2047	2042	2056	2028	2037	2014	2020	2040	2065	2033	2014	1997	1963	1973	1949	1962	
35	1768	1828	1823	1821	1753	1767	1706	1752	1731	1803	1808	1817	1722	1721	1750	1714	1668	1549	1479	
40	979	1081	1252	1341	1135	971	965	952	1139	1363	1308	1116	953	967	1179	1227	986	871	905	
45	184	184	411	666	586	312	228	351	606	695	480	256	107	163	382	519	482	175	92.3	
50	66.6	70.4	79.3	135	84.4	77.6	75.5	78.5	87.5	175	86.7	74.2	67.6	68.7	78.1	90.3	81.0	71.7	70.2	
55	54.7	57.1	60.1	67.9	64.1	62.3	61.4	63.0	65.7	72.4	62.7	59.3	55.8	56.0	59.0	63.7	61.3	57.8	56.6	
60	46.3	47.3	48.7	52.3	51.4	50.2	49.9	50.8	52.8	53.8	50.8	49.0	46.9	46.8	47.6	49.3	48.2	46.5	46.2	
65	37.1	38.7	38.8	39.5	40.8	41.3	40.6	41.9	42.0	41.3	40.4	40.8	37.9	37.7	37.7	36.1	37.8	36.4	36.0	
70	25.3	27.2	27.5	26.8	29.2	29.6	28.6	30.3	30.6	28.6	29.4	29.6	26.3	26.3	26.4	23.7	26.0	24.6	23.8	
75	13.5	14.7	15.6	15.4	16.7	16.6	16.0	17.1	17.9	16.8	17.5	16.8	14.1	14.0	14.6	13.0	13.8	12.6	12.3	
80	6.95	7.65	8.00	8.35	8.72	9.06	8.79	9.37	9.39	9.19	9.01	8.81	7.28	6.99	6.95	6.31	6.49	6.14	5.98	
85	2.96	3.37	3.77	4.05	4.34	4.55	4.55	4.79	4.76	4.56	4.38	4.08	2.91	2.64	2.54	2.24	2.24	2.10	2.08	
90	0.51	0.89	1.38	1.42	1.41	1.18	0.88	1.38	1.62	1.72	1.59	1.15	0.10	0.12	0.07	0.12	0.04	0.07	0.03	
95	0.49	0.54	0.49	0.54	0.49	0.50	0.42	0.51	0.51	0.52	0.49	0.52	0.03	0.05	0.03	0.04	0.03	0.03	0.03	
100	0.64	0.63	0.63	0.60	0.64	0.60	0.53	0.59	0.64	0.64	0.62	0.63	0.03	0.03	0.03	0.04	0.03	0.03	0.03	
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:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.30V I:0.128A P:26.10W PF:0.922 Freq:50.00Hz Lamp Flux:3335.01x1 lm		
NAME: G2-MP25-WW9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
C (DEG) γ (DEG)	285	300	315	330	345														
0	2367	2369	2368	2371	2369														
5	2354	2358	2358	2364	2363														
10	2332	2334	2338	2345	2346														
15	2290	2295	2295	2304	2311														
20	2236	2231	2226	2243	2261														
25	2145	2139	2128	2158	2187														
30	1951	1981	1977	2014	2032														
35	1516	1655	1699	1744	1695														
40	856	891	1154	1114	913														
45	209	371	469	321	176														
50	70.9	77.2	84.6	76.9	66.5														
55	56.9	59.9	61.4	57.6	54.4														
60	46.1	47.0	47.8	46.1	45.4														
65	35.8	36.9	34.6	36.1	36.0														
70	23.8	25.0	22.4	24.6	24.2														
75	12.4	13.0	11.8	13.0	12.4														
80	5.93	6.11	5.75	6.11	5.99														
85	2.02	2.04	1.87	2.05	2.07														
90	0.08	0.06	0.10	0.03	0.08														
95	0.05	0.05	0.04	0.03	0.04														
100	0.05	0.05	0.04	0.05	0.04														
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:25DEG  
Operators:SENPU  
Test Date:2024-06-14

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.444  
Humidity:61%  
Test Distance:8.000m [K=1.0000]  
Remarks: