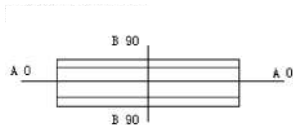
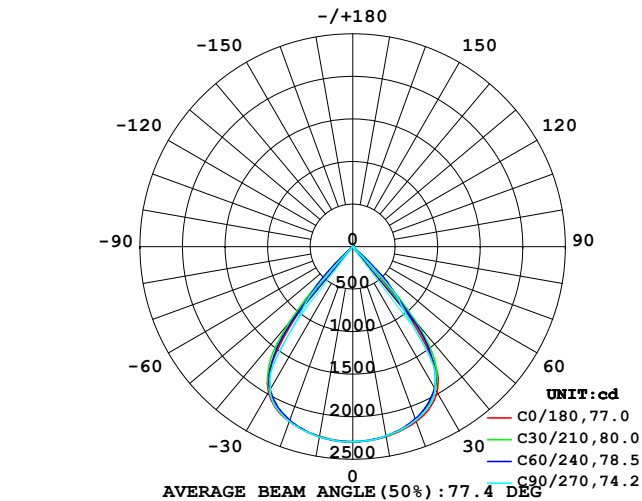


## LUMINAIRE PHOTOMETRIC TEST REPORT

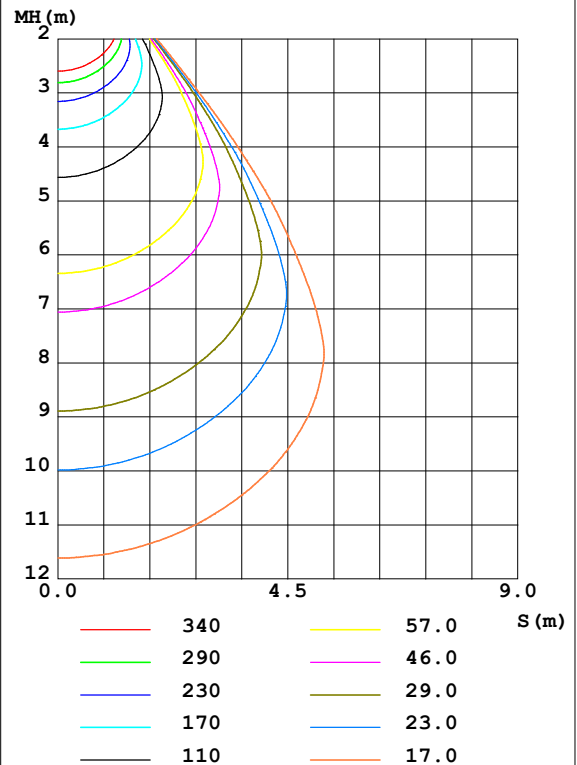
Test:U:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.55 lm/W			
MODEL		I <sub>max</sub> (cd)	2297	S/MH (C0/180)	1.12
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.07
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3073.6	η UP,DN(C0-180)	0.0,50.8
NOMINAL FLUX(lm)	3073.56	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.2
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	2268	2261	2259	2262	2264	2269	2269	2269	0- 10	217.6	217.6	7.08,7.08
20	2185	2154	2168	2160	2185	2163	2185	2159	10- 20	628.9	846.5	27.5,27.5
30	1980	1926	1938	1933	1980	1931	1943	1912	20- 30	958.2	1805	58.7,58.7
40	905.2	1240	888.7	1267	905.5	1198	854.7	1098	30- 40	981.3	2786	90.6,90.6
50	4.487	69.61	7.964	125.1	4.800	42.72	6.060	21.24	40- 50	280.4	3066	99.8,99.8
60	0.6532	3.277	2.244	3.470	0.5187	2.130	0.8278	1.795	50- 60	4.759	3071	99.9,99.9
70	0.2681	1.138	1.649	1.189	0.1422	0.2094	0.2341	0.1927	60- 70	0.8851	3072	100,100
80	0.1842	1.147	1.448	1.205	0.0167	0.1006	0.1087	0.1005	70- 80	0.6179	3073	100,100
90	0.3512	0.9789	0.6501	1.137	0	0.0587	0	0.0504	80- 90	0.5887	3073	100,100
100	0.5106	0.5357	0.5274	0.5274	0	0.0167	0	0.0084	90-100	0.3004	3074	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0143	3074	100,100
120	0	0	0	0	0	0	0	0	110-120	0	3074	100,100
130	0	0	0	0	0	0	0	0	120-130	0	3074	100,100
140	0	0	0	0	0	0	0	0	130-140	0	3074	100,100
150	0	0	0	0	0	0	0	0	140-150	0	3074	100,100
160	0	0	0	0	0	0	0	0	150-160	0	3074	100,100
170	0	0	0	0	0	0	0	0	160-170	0	3074	100,100
180	0	0	0	0	0	0	0	0	170-180	0	3074	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3024.2 lm

%lum = 98.4%

%lamp = 98.4%

Conical surface Flux(120deg): 3071.2 lm

%lum = 99.9%

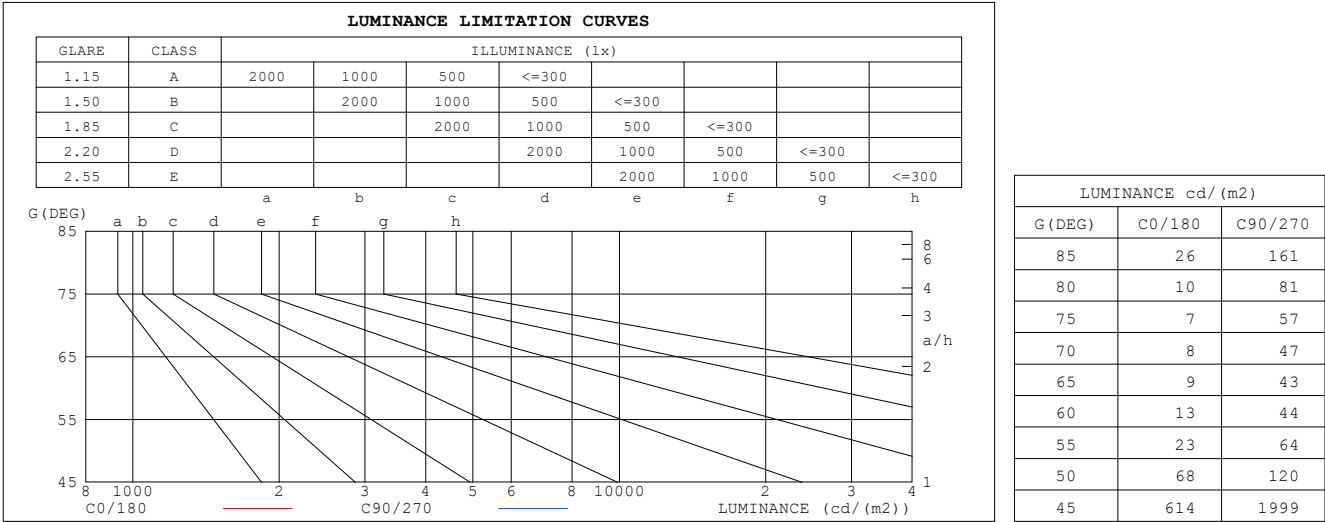
%lamp = 99.9%

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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



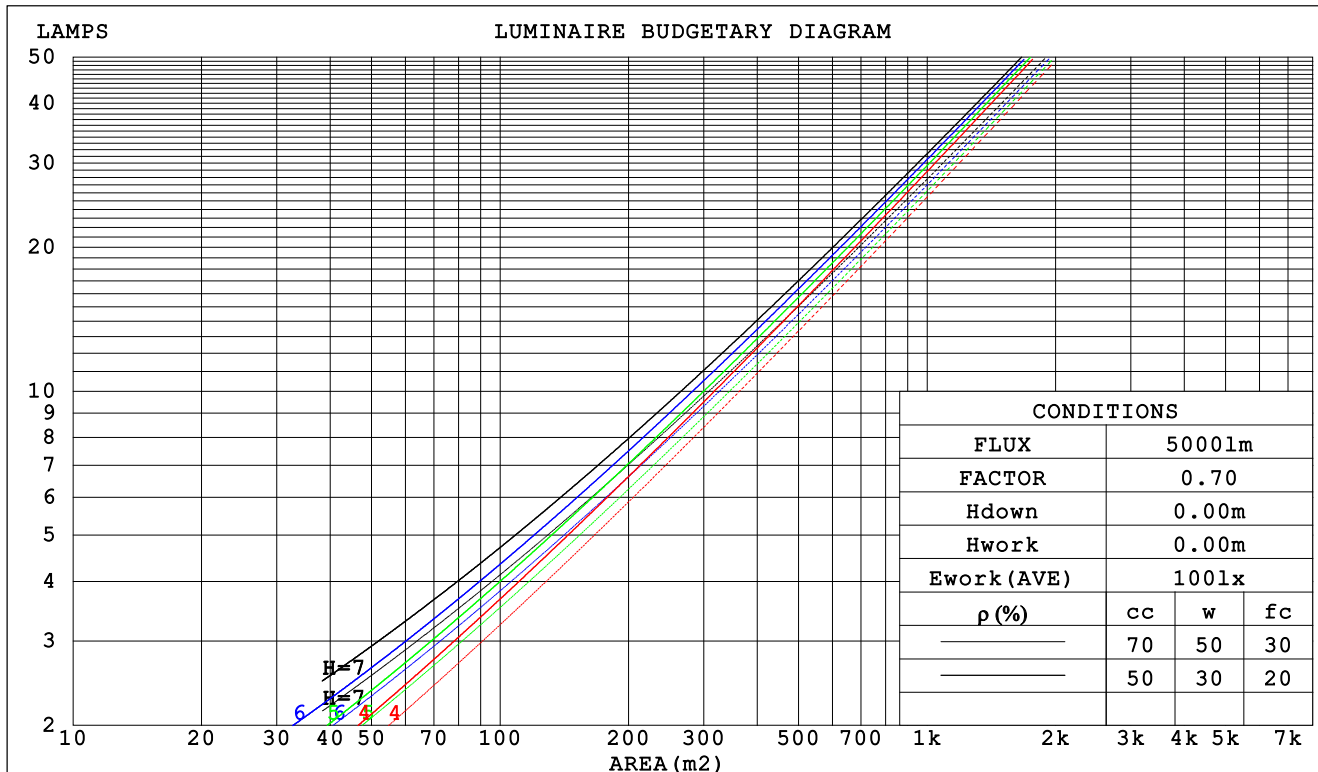
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:SENPU  
Test Date:2024-06-14

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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0														
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p <sub>fc</sub>	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	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93														
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85														
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.83	.88	.84	.81	.86	.83	.80	.79														
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72														
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.77	.72	.69	.75	.71	.68	.66														
6.0	.75	.69	.64	.75	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.61														
7.0	.70	.64	.59	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.56														
8.0	.65	.59	.55	.65	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.52														
9.0	.61	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48														
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.47	.55	.50	.46	.54	.50	.46	.45														



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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	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	.187	.107	.034	.181	.103	.033	.168	.096	.031	.156	.090	.029	.146	.084	.027		
2.0	.181	.099	.030	.176	.097	.030	.165	.092	.028	.155	.087	.027	.146	.082	.026		
3.0	.174	.093	.028	.169	.091	.027	.160	.087	.026	.151	.083	.025	.143	.079	.025		
4.0	.167	.087	.025	.162	.085	.025	.154	.082	.024	.147	.079	.024	.140	.076	.023		
5.0	.160	.081	.024	.156	.080	.023	.149	.077	.023	.142	.075	.022	.136	.073	.022		
6.0	.153	.077	.022	.150	.076	.022	.143	.073	.021	.137	.071	.021	.132	.070	.021		
7.0	.146	.072	.021	.143	.071	.020	.138	.070	.020	.133	.068	.020	.128	.066	.020		
8.0	.140	.069	.019	.138	.068	.019	.133	.066	.019	.128	.065	.019	.124	.063	.018		
9.0	.135	.065	.018	.132	.064	.018	.128	.063	.018	.124	.062	.018	.120	.061	.018		
10.0	.129	.062	.017	.127	.061	.017	.123	.060	.017	.119	.059	.017	.116	.058	.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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.111	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.053	.050	.040	.032	.016	.013	.010	
4.0	.137	.099	.071	.117	.086	.061	.081	.060	.043	.047	.035	.026	.015	.011	.008	
5.0	.129	.088	.058	.110	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.122	.079	.048	.105	.068	.042	.072	.048	.030	.042	.028	.018	.014	.009	.006	
7.0	.116	.071	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.110	.065	.035	.095	.057	.030	.066	.040	.021	.038	.023	.013	.012	.008	.004	
9.0	.105	.060	.030	.091	.052	.026	.063	.037	.019	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.060	.034	.016	.035	.020	.010	.011	.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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm										
NAME: G2-MP25-BB9480DA					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	15.7	16.7	15.9	16.9	17.1	15.9	16.9	16.1	17.1	17.3
3H	15.5	16.5	15.8	16.7	16.9	15.7	16.6	15.9	16.8	17.0
4H	15.4	16.3	15.7	16.5	16.8	15.6	16.5	15.9	16.7	16.9
6H	15.3	16.2	15.6	16.4	16.7	15.5	16.3	15.8	16.6	16.8
8H	15.3	16.1	15.6	16.4	16.6	15.5	16.3	15.8	16.5	16.8
12H	15.2	16.0	15.6	16.3	16.6	15.4	16.2	15.7	16.5	16.7
4H 2H	15.4	16.3	15.7	16.5	16.8	15.6	16.5	15.9	16.7	16.9
3H	15.2	16.0	15.6	16.3	16.6	15.4	16.2	15.7	16.4	16.7
4H	15.2	15.8	15.5	16.1	16.5	15.3	16.0	15.7	16.3	16.6
6H	15.1	15.7	15.4	16.0	16.3	15.2	15.8	15.6	16.2	16.5
8H	15.0	15.6	15.4	15.9	16.3	15.2	15.7	15.6	16.1	16.5
12H	15.0	15.5	15.4	15.8	16.2	15.1	15.6	15.5	16.0	16.4
8H 4H	15.0	15.6	15.4	15.9	16.3	15.2	15.7	15.6	16.1	16.5
6H	14.9	15.4	15.3	15.8	16.2	15.1	15.5	15.5	15.9	16.3
8H	14.9	15.3	15.3	15.7	16.1	15.0	15.4	15.5	15.8	16.3
12H	14.8	15.2	15.3	15.6	16.1	15.0	15.3	15.4	15.8	16.2
12H 4H	15.0	15.5	15.4	15.8	16.2	15.1	15.6	15.5	16.0	16.4
6H	14.9	15.3	15.3	15.7	16.1	15.0	15.4	15.5	15.8	16.3
8H	14.8	15.2	15.3	15.6	16.1	15.0	15.3	15.4	15.8	16.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.6 / -28.4					+ 2.6 / -23.3				
1.5H	+ 5.2 / -27.7					+ 5.2 / -22.6				
2.0H	+ 7.4 / - 6.7					+10.1 / - 7.8				

CIE Pub.117, 3074 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 3.9$ )  
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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

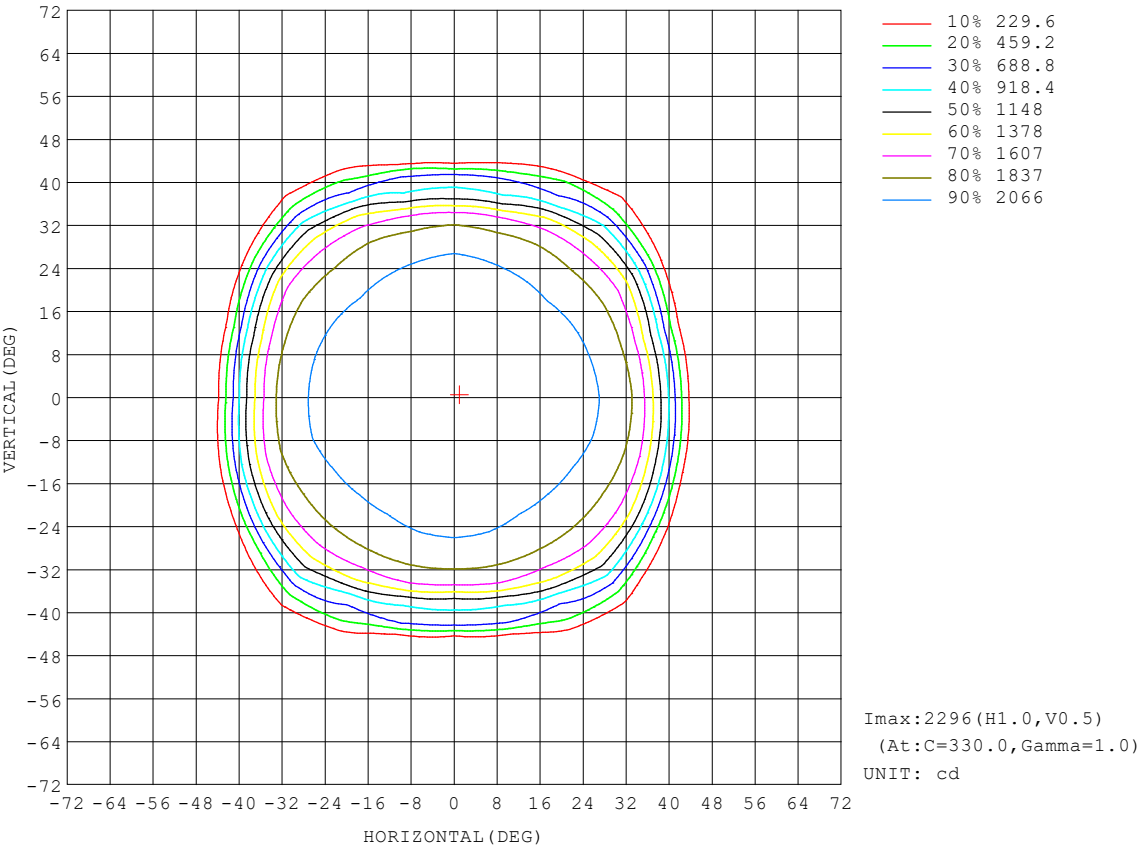
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	94	87	84	93	87	83	92	86	83	79
1.00	98	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

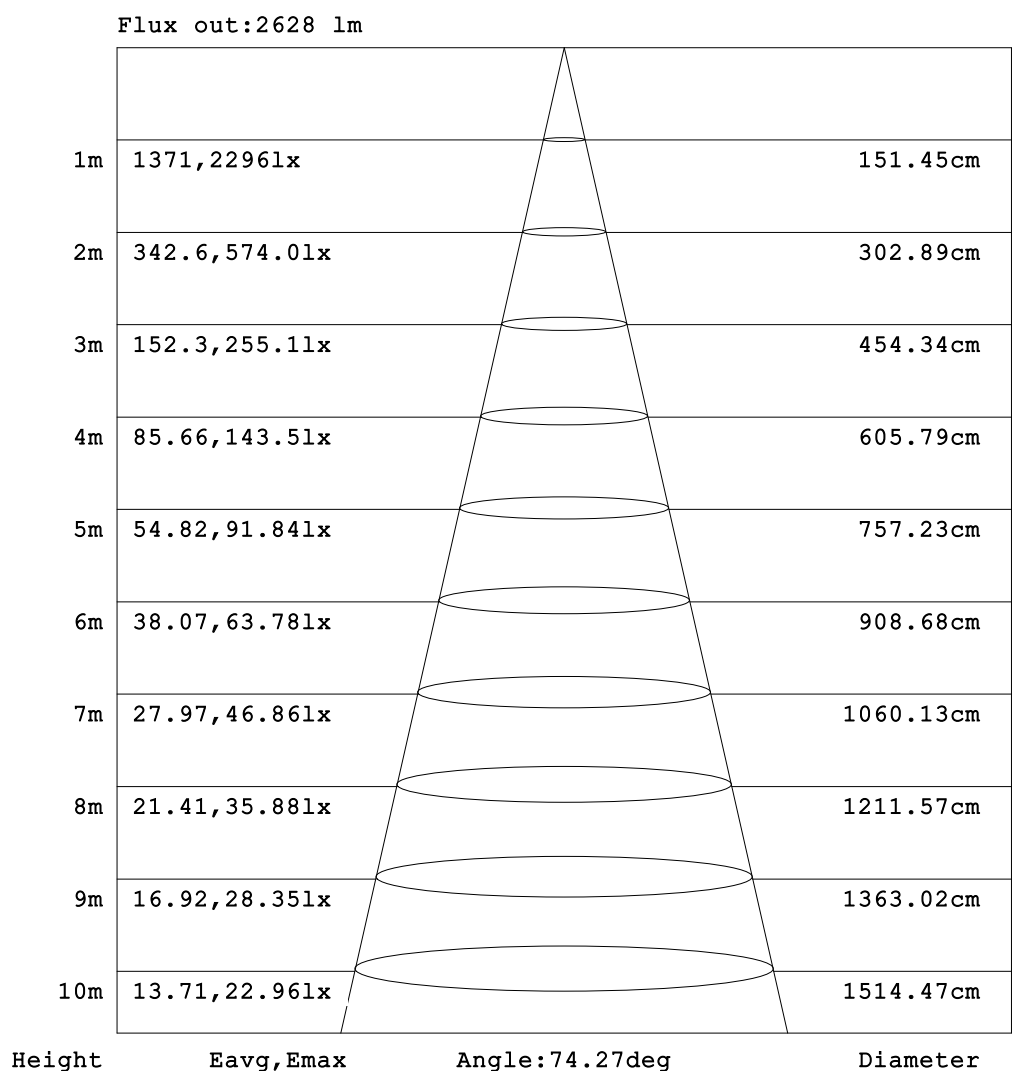


C Range: 0 - 360DEG	γ Range: 0 - 100DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Temperature:25DEG	Humidity:61%
Operators:SENPU	Test Distance:8.000m [K=1.0000]
Test Date:2024-06-14	Remarks:



## AAI Figure

Test:U:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



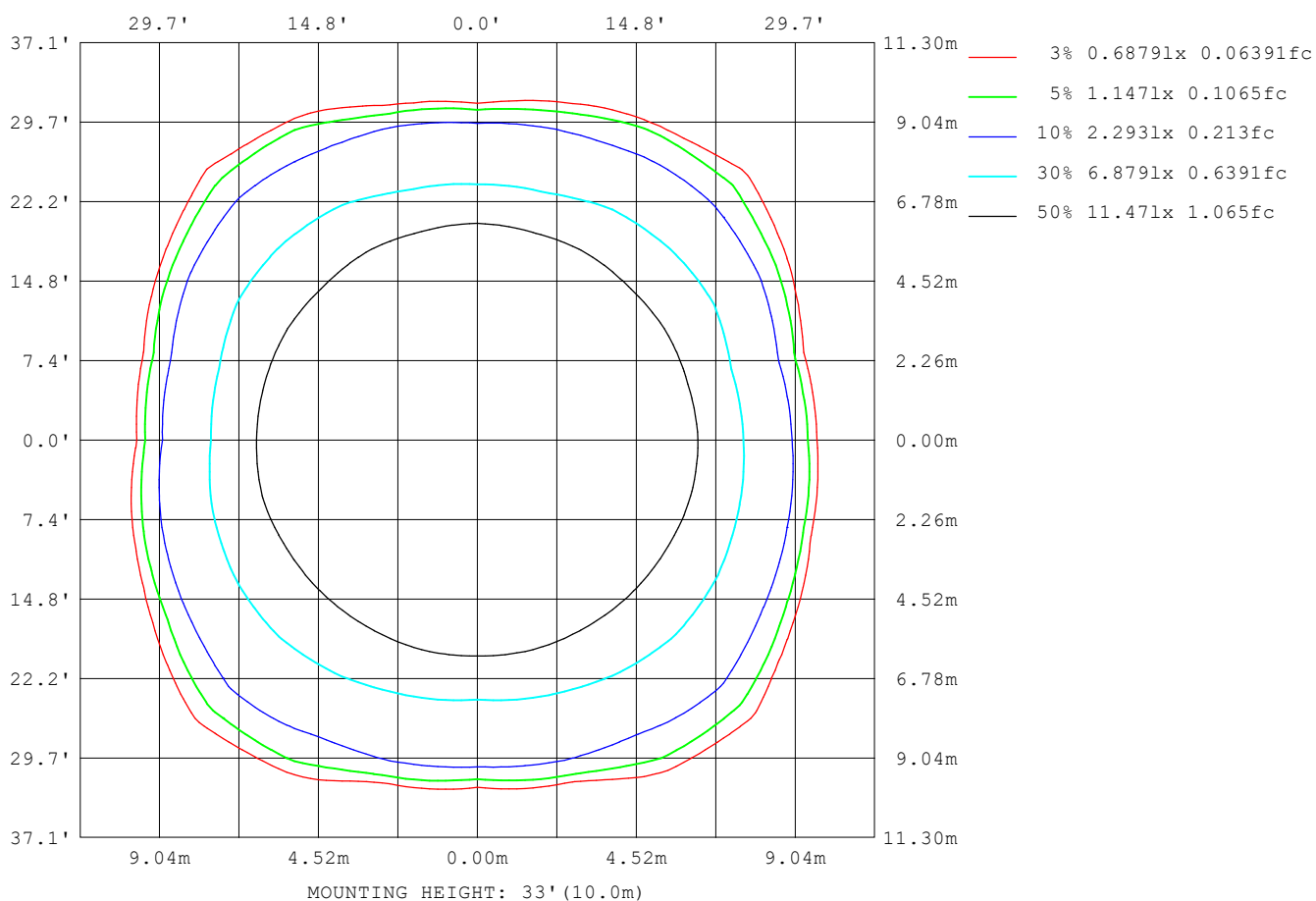
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

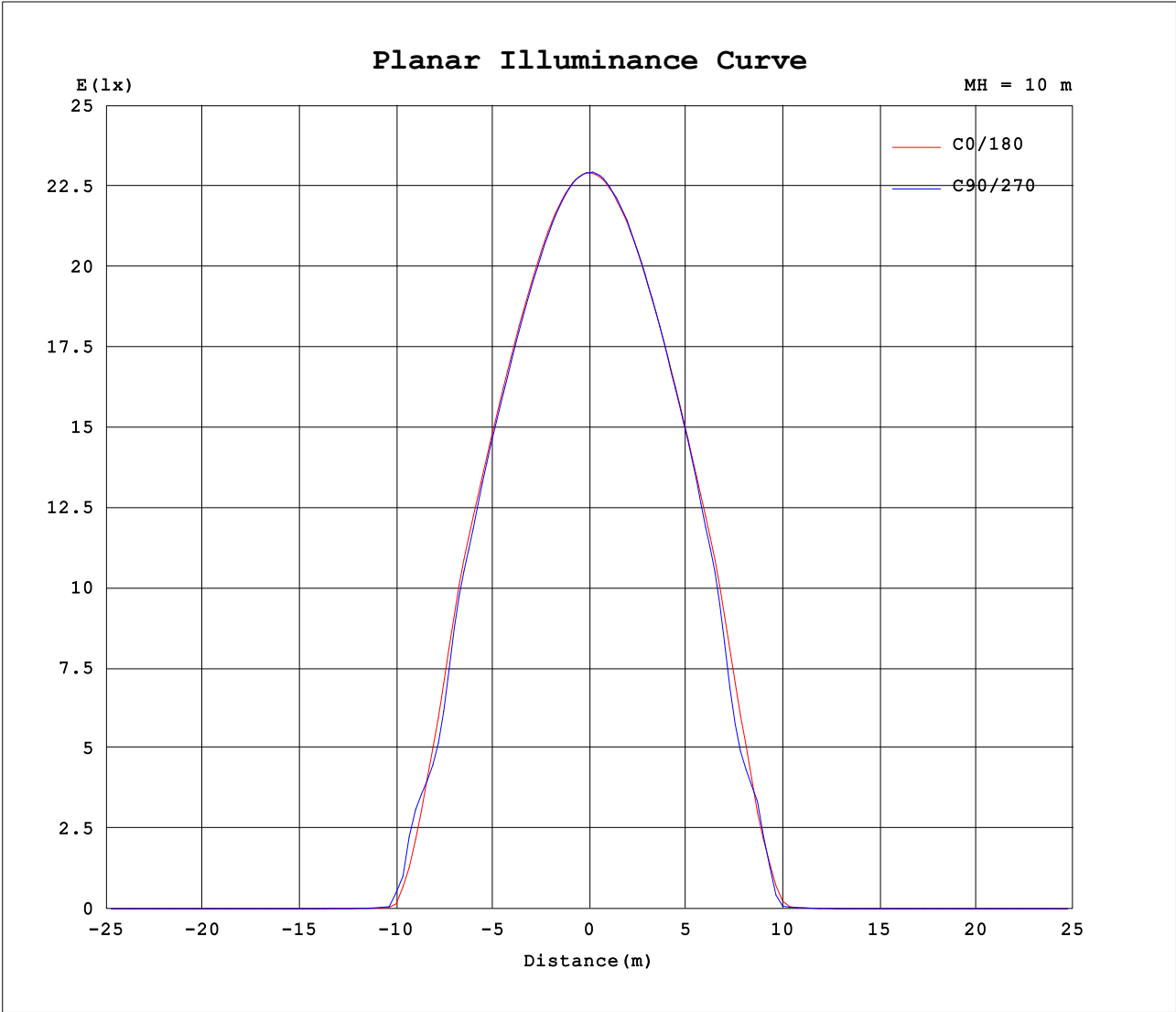
AvgL	cd/m2
L_0~180 (65) av	8
L_0~180 (75) av	5
L_0~180 (85) av	13
L_90~270 (65) av	27
L_90~270 (75) av	30
L_90~270 (85) av	82
L_45 (65) av	19
L_45 (75) av	24
L_45 (85) av	70

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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	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	2292	2294	2292	2292	2292	2296	2292	2295	2294	2295	2295	2295	2292	2294	2292	2292	2292	2296	2292	
5	2287	2285	2285	2283	2284	2284	2285	2284	2286	2288	2286	2288	2285	2284	2288	2289	2289	2288	2289	
10	2268	2265	2262	2261	2258	2262	2259	2260	2260	2262	2263	2269	2264	2267	2268	2269	2268	2268	2269	
15	2233	2233	2223	2219	2216	2222	2219	2223	2217	2223	2226	2236	2232	2230	2232	2226	2229	2233	2237	
20	2185	2179	2163	2154	2152	2167	2168	2168	2156	2160	2169	2190	2185	2183	2179	2163	2169	2174	2185	
25	2112	2103	2076	2063	2061	2084	2089	2086	2064	2067	2085	2116	2114	2105	2096	2070	2083	2091	2106	
30	1980	1974	1941	1926	1922	1946	1938	1947	1924	1933	1953	1992	1980	1971	1961	1931	1942	1939	1943	
35	1662	1714	1704	1695	1637	1650	1589	1654	1646	1707	1722	1753	1656	1674	1728	1687	1656	1564	1502	
40	905	1004	1143	1240	1023	880	889	881	1034	1267	1217	1100	906	952	1152	1198	988	831	855	
45	44.7	121	334	581	520	231	146	244	544	635	394	250	68.8	134	316	486	404	139	25.1	
50	4.49	6.26	15.3	69.6	18.1	9.37	7.96	9.65	18.4	125	24.4	8.93	4.80	5.61	13.6	42.7	14.6	6.71	6.06	
55	1.33	2.00	3.32	10.6	5.03	4.02	3.78	4.11	5.44	13.6	4.69	2.49	1.35	1.59	2.77	6.69	3.79	2.52	2.10	
60	0.65	0.90	1.44	3.28	2.30	2.13	2.24	2.14	2.40	3.47	1.82	1.00	0.52	0.59	0.66	2.13	0.96	0.90	0.83	
65	0.40	0.67	1.04	1.27	1.63	1.76	1.87	1.80	1.67	1.39	1.09	0.76	0.28	0.36	0.23	0.32	0.36	0.53	0.45	
70	0.27	0.52	0.91	1.14	1.47	1.56	1.65	1.56	1.50	1.19	0.96	0.59	0.14	0.18	0.11	0.21	0.23	0.32	0.23	
75	0.19	0.51	0.85	1.10	1.36	1.44	1.51	1.46	1.41	1.19	0.90	0.54	0.09	0.11	0.05	0.13	0.10	0.19	0.12	
80	0.18	0.55	0.85	1.15	1.33	1.36	1.45	1.46	1.39	1.21	0.89	0.56	0.02	0.07	0.01	0.10	0.08	0.13	0.11	
85	0.23	0.64	0.90	1.17	1.33	1.36	1.45	1.44	1.40	1.21	0.90	0.64	0.00	0.05	0.01	0.07	0.02	0.11	0.03	
90	0.35	0.63	0.92	0.98	0.96	0.79	0.65	0.93	1.18	1.14	0.96	0.65	0.00	0.03	0.01	0.06	0.02	0.04	0.00	
95	0.42	0.49	0.44	0.48	0.44	0.46	0.38	0.43	0.45	0.48	0.43	0.46	0.00	0.01	0.01	0.02	0.02	0.00	0.00	
100	0.51	0.51	0.52	0.54	0.53	0.54	0.53	0.54	0.53	0.53	0.52	0.52	0.00	0.01	0.01	0.02	0.02	0.00	0.00	
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:221.20V I:0.129A P:26.60W PF:0.927 Freq:50.00Hz Lamp Flux:3073.56x1 lm		
NAME: G2-MP25-BB9480DA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
C (DEG) γ (DEG)	285	300	315	330	345														
0	2295	2294	2295	2295	2295														
5	2289	2289	2290	2289	2287														
10	2267	2269	2269	2266	2265														
15	2229	2228	2224	2228	2229														
20	2173	2165	2159	2169	2177														
25	2087	2075	2060	2080	2096														
30	1925	1925	1912	1940	1948														
35	1516	1613	1636	1676	1614														
40	794	865	1098	1058	847														
45	159	386	402	255	45.2														
50	6.45	11.7	21.2	13.7	4.74														
55	2.29	3.31	5.59	2.57	1.37														
60	0.90	0.77	1.80	0.63	0.59														
65	0.50	0.34	0.32	0.24	0.32														
70	0.31	0.21	0.19	0.10	0.18														
75	0.18	0.09	0.13	0.04	0.10														
80	0.14	0.06	0.10	0.00	0.07														
85	0.10	0.01	0.07	0.00	0.03														
90	0.03	0.00	0.05	0.00	0.03														
95	0.02	0.00	0.01	0.01	0.00														
100	0.01	0.01	0.01	0.01	0.00														
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: